



# Research Catalogue



## **RESEARCH AS ONE OF THE CORE FUNCTIONS OF UTB**

Research can be traced as an important thread throughout the UTB strategic framework and would serve as backbone of pedagogical practices and student learning. It is an independent entity that supports and encourages scholarly activity of all types and in all aspects of research undertakings. The mission of the University to commits UTB to foster high engagement with research. To strengthen further the research mandate of the institution, the University's five-year strategic plan includes a high-level Strategic Goal to "Foster a research culture in the university delivering a consistent stream of applied research". This is in response to the call of the Kingdom of Bahrain to "encourage research and development in universities to create the platform for a knowledge-based economy" highly supported by the Higher Education Council with 2014-2024 HEC Research Strategy to help achieve the Economic Vision 2030 for Bahrain. Thus, the Research and Publication Office includes different views regarding the quality and quantity of the research. It focuses on conducting research, developing new ideas and seeking innovations in the research outcomes responsive to socio-economic requirements of Bahrain and the region.

## **RESEARCH GOALS**

To strengthen further the research mandate of the institution, the University's five-year strategic plan includes Research Strategic Goal "Pursue high-impact research and innovation through business and industry collaborations, and international linkages".

## **RESEARCH STRATEGIC OBJECTIVES**

The University developed the following strategic objectives to implement the strategic goal "Pursue high-impact research and innovation through business and industry collaborations, and international linkages".

### **1. Pursue high-impact research and innovation through business and industry collaborations, and international linkages.**

This strategic objective can be achieved by utilizing the following Operational Initiatives of the University:

- Develop and maintain a log of up-to-date publications which are published on the website.
- Implement researches and projects in the identified thrusts of high impact areas such as nanotechnology, Artificial Intelligence, robotics, Internet of Things, financial technology, big data analytics, image processing, web and mobile application development.
- Sign and execute memorandums of understanding and collaboration/cooperation between the University and relevant organizations in the public and private sectors for the conduct of research and innovative projects.
- Maximize the use of the research centers for innovation and entrepreneurship by providing a consistent stream of student-faculty-industry collaborative projects.



The abovementioned operational initiatives can be achieved through the following key performance indicators:

- Number of publications in Scopus journals and conference proceedings.
- Number of citations.
- Number of MoUs with industry and business partners.
- Number of student-faculty-industry collaborative projects.

## **2. Cultivate a high-level research workforce and culture.**

This strategic objective can be achieved by utilizing the following Operational Initiatives of the University:

- Organize research colloquia or conferences.
- Conduct training and mentoring programs on innovation culture among faculty and students of capstone and thesis courses.
- Implement an effective mechanism to recognize and reward outstanding researches and innovative projects.

The abovementioned operational initiatives can be achieved through the following key performance indicators:

- Number of colloquia or conferences conducted.
- Number of training and mentoring programs on innovation culture among faculty and students of capstone and thesis courses.
- Number of outstanding researches and innovative projects.

## **3. Foster research excellence and innovation to increase the overall quality and quantity of published scientific outputs.**

This strategic objective can be achieved by utilizing the following Operational Initiatives of the University:

- Devise and operationalize a research framework that encourages the production of quality published scientific outputs.
- Secure alternative source of funding for the incubation and or commercialization of faculty and student research and projects.

The abovementioned operational initiatives can be achieved through the following key performance indicators:

- Number of joint research collaborations with universities, industry and business partners.
- Number of student and faculty research projects funded by industry and business partners.

## RESEARCH THRUSTS

### College of Administrative and Financial Sciences (CAFS)

- Islamic Banking, Financial Markets and Investments, Insurance, Banking, Real Estate and Accounting
- Business Administration, Human Resource Management and Organizational Behavior.
- Microeconomics, Macroeconomics, and International Economics
- Business Analytics, Data Analysis, Big Data, Information Systems, and Cloud Computing
- Digital Transformation, Digital Business, Digital Marketing
- Operations and Logistics and Supply Chain, Management

### College of Computer Studies (CCS)

- Artificial Intelligence and Data Analytics
- Cyber security,
- Cloud Computing
- Network Systems and Internet of Things
- Software Engineering
- Metaverse.

### College of Engineering (COE)

#### Engineering Research:

- Robotics Technology and Control Systems
- Automation, PLCs, Instrumentation
- Expert and Distributed System
- Mobile computing and network resource management

#### Natural Science and Math research:

- Environmental Pollution and Global Warming
- Industrial Research
- Renewable Energy and Applications
- Computational Science, Numerical Analysis and Mathematical Modeling
- Mathematics Education
- Nanomaterials and Nanotechnology

### Center for General Education (CGE)

- Academic performance, Innovative teaching, blended learning, classroom management.
- Language Proficiency, English for Specific Purposes and Academic Purposes
- Sociological/ Ethical values
- Human Rights and contract law



## ***Faculty Research Output Published in International Journals & Conferences***

- AY2012-2013
- AY2013-2014
- AY2014-2015
- AY2015-2016
- AY2016-2017
- AY2017-2018
- AY2018-2019
- AY2019-2020
- AY2020-2021
- AY2021-2022
- AY2022-2023
- AY2023-2024
- AY2024-2025



**List of International Publications AY 2012-2013**

No.	Author(s)
1	Anupama Prasanth. Cloud Computing Services: A Survey, International Journal Of Emerging Technology And Advanced Engineering, Vol 46, No. 3, 2012.
2	Calucag, Lina S. The Effects of Remedial Mathematics in Teaching College Algebra, Journal of Education and Practice, Vol 3, No. 12, 2012.
3	Calucag, Lina S. Governing System of Family-Owned Higher Education Institutions' Board of Trustees, Journal of Education and Practice, Vol 3, No. 12, 2012.
4	Mohammed Belgaum. Dynamic Address Management in Mobile Ad hoc Networks, International Journal of Mobile Ad hoc Networks, Vol 2, No.3, 2012.
5	Mohammed Belgaum. Modified Approach To Multipath Routing Protocols In Mobile Ad hoc Networks, International Journal of Mobile Ad hoc Networks, Vol 2, No.3, 2012.
6	Husham Ahmed. Productivity Enhancement of Conventional Solar Stills Using Water Sprinklers and Cooling Fan, Journal of Advanced Science and Engineering Research, Vol 2, No. 3, 2012.
7	Bindhya Thomas and Jissy Ann George, Sandhia Valsala. Analysis Of Various Clustering And Classification Algorithms In Data Mining, International Journal Of Computer Science And Network Security, Vol 12, No.13, 2012.
8	Lumeran, Belen. Macrobiotic Components of Marine Ecosystem in the Kingdom of Bahrain: Status, Preliminary Mapping and Indexing, Science Journal of Environmental Engineering Research, 2012.
9	Lumeran, Belen. Environmental Conditions in the Kingdom of Bahrain: A Glimpse, Science Journal of Environmental Engineering Research, 2012.
10	Calucag, Lina S. Points of Convergence and Divergence of the Technical-Vocational Training Programs of the Philippines and Western Canada Towards Recommendations for Global, Journal of Teaching and Education, Vol 1, No.4, 2012.
11	Calucag, Lina S. Board of Trustees of Family-Owned Higher Education Institutions in Cagayan Valley Region: Their Roles, Responsibilities, Power, Duties, Policies and Practices Towards A Proposed Handbook for Trusteeship, Journal of Teaching and Education, Vol 1, No.2, 2012.
12	Anto Manolo L. Assessment of Human Resource Management Practices of Selected Companies: Basis for Human Resource Management Program, Abstract Proceedings of the 7 <sup>th</sup> Annual London Business Research Conference, ISBN 978-1-922069-07-8, July 2012.
13	Narzoles, Danebeth G. Multiple Intelligences and Motivational Orientations in Learning EFL, Anglisticum, 2013.

14	Sapungan, Ronel M. An Assessment of the Performance of Philippine International Schools in Jeddah, Kingdom of Saudi Arabia: A Basis for Od Interventions for Sustainable Quality Education, Asian Journal of Social Science and Humanities, Vol 2, No. 1, 2013.
15	Narzoles, Danebeth G. Classroom Communication Climate and Learners Communicative Linguistic Competence of EFL, Journal of Theory and Practice in Language Studies, 2013.
16	Narzoles, Danebeth G. The Effect of Multi-media Instruction on Student Learning, Journal of Education and Practice, 2013.
17	Banta, Lucia F. The Effectiveness of Corporate Islamic Culture on the Banking System of Islamic Banks in Bahrain, International Journal of Business Management, Vol 3, No. 4, 2013.
18	Anto Manolo L. Human Resources Management of Selected Companies, European Journal of Business and Management, Vol 5, No. 16, 2013.
19	Anto Manolo L. Training and Development Practices of Selected Companies: Basis for Training and Development Program, European Journal of Business and Management, Vol 5, No. 18, 2013.
20	Anto Manolo L. Labor Relations Practices of Selected Companies, European Journal of Business and Management, Vol 5, No. 20, 2013.
21	Husham Ahmed. An Investigation of Butterfly Valve Flow Characteristics Using Numerical Technique, Journal of Advanced Science and Engineering Research, Vo 3, No. 2, 2013.
22	Tabalan, Danilo A. The Efficacy of the University-level Remedial Writing Program, Journal of Education and Practice, Vol 5, No. 17, 2013.
23	Sapungan, Ronel M. The School Paper Writers of Philippine International Schools in Jeddah, Saudi Arabia and Their Level of Writing Competence: A Correlation, Asian Journal of Humanities and Social Sciences, Vol 1, No. 2, 2013.
24	Valdez, Suzette F. Survey of Significant Events during the Philippine Colonial Years as Reflected in Selected Poems, Asian Journal of Humanities and Social Sciences, Vol 1, No. 2, 2013.
25	Valdez, Suzette F. Philippine National Pride IN CLARO M. RECTO'S "SOUL OF THE RACE", International Journal of Asian Social Sciences, Vol 3, No. 6, 2013.
26	Elham Eskandarnia. DataBase Access Control: A Look at Fine Grain Access Method, International Journal of Engineering Inventions, Vol 2, No. 12, 2013.
27	Blanco, Dennis. Why Not Associate? A Proposed Logic Evaluation Model of Capacity Building Partnerships and Initiatives for Homeowners Associations in Gated Communities, Hosting Theory and Society, Vol 30, No. 4, 2013.
28	Jaber Jemai. The Home Health Care Scheduling Problem: a Modeling and Solving Issue, IEEE - ICMSAO'13, DOI: 10.1109/ICMSAO.2013.6552619.
29	Amin A. El-Meligi, and co author, "Layered Chalcogenides for Hydrogen Storage" Book (on Amazon), Book, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany, 2012.

30	Tabalan, Danilo A. Micro Discourse Skills Development on AMAIU-B ESL Learners as Reflected in the Narratives. ISSN: 2165-6266: 1(3):297-302 (2012).
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### List of International Publications AY 2013-2014

No.	Author(s)
1	Anto Manolo L. Compensation Management Practices of Selected Companies: Basis for Compensation Management Program, European Journal of Business and Management, Vol. 5, No. 19, 2013.
2	Anto Manolo L. Labor Relations Practices of Selected Companies, European Journal of Business and Management, Vol. 5, No. 20, 2013.
3	Anupama Prasanth. Web Usage Mining - Its Application In E-Services, International Journal Of Emerging Technology And Advanced Engineering, Vol 3, No. 2, 2013.
4	Calucag, Lina S. Self-Paced Instruction and Mathematics achievement, Journal of Education and Practice, Vol 5, No. 17, 2013.
5	Taquiqui, Mary Anne. Protocol Data Unit (PDU): A Simulation of Network and Complex Systems, International Institute of Science, Technology and Education, Vol 3, No. 6, 2013.
6	Taquiqui, Mary Anne. An Exploration of the Cisco Online Courses: A Basis for the Development of a Learner's e-Workbook in Introduction to Network Technology, International Institute of Science, Technology and Education, Vol 3, No. 6, 2013.
7	Asenas, Rodalin, N. The Transfer of Public Secondary School Teachers in the National Capital Region: An Analysis, Journal of Education and Practice, 2013.
8	Banta, Lucia, F. Indigenous Management: A Study of Alangan Mangyan Tribe in the Island of Mindoro, International Journal of Business and Management Tomorrow, Vol 3, No. 12, 2013.
9	Jaber Jemai. A Novel Approach for solving the dynamic vehicle routing problem based hierarchical self-organizing maps, International Journal of Computational Intelligence and Applications, Vol 13, No. 4, 2014.
10	Amin ElMelig. Hydrogen Production Challenges, Global Warming and Future of Renewable Energy, EURO-ASIA Forum, 2014.
11	Amin A. El-Melig. Investigating Hydrogen Storage Behavior of Glass-Ceramic Material, International Journal of Energy Research, Vol 38, 2014.
12	Amin A. El-Melig. Investigation of hydrogen storage capacity of NiPS3 and CoPS3, Journal of of Alloys and Compounds, Vol 588, 2014.
13	Salazar, Douglas. Salazar's Grouping Methods: Effects on Students' Achievement in Integral Calculus, Journal of Education and Practice, Vol 5, No. 15, 2014.

14	Andeng, Pura B. Microbial and Spectroscopic Assessment of the Elemental Composition of Edible Clams ( <i>Mercenia mercenia</i> ) in the Kingdom of Bahrain, Journal of International Institute for Science and Technology Education, Vol 4, No. 15, 2014.
15	Blanco, Dennis. Cybercrime Prevention: A Social Science and Technological Perspective Dichotomy Paradigm, Regional Conference, ISBN: 978-9948-20-593-7, 2014.
16	Sapungan, Ronel. Parental Involvement in Child's Education: Importance, Barriers and Benefits, Asian Journal of Management Sciences & Education, Vol 2, 2014.
17	Sandhia Valsala. Review and Analysis of Software Release Planning Models, International Journal of Engineering and Advanced Technology, Vol 3, No.5, 2014.
18	Belal Alsayed. Hierarchical and Coupling Function sliding Mode Control for Underactuated Systems, Mechatronics, Karlstad, Sweden, 2014.
19	Amin A. El-Meligi, Chapter 1 "Nanostructure of Materials and Corrosion Resistance" in a book, InTech Publisher-Europe, Feb., 2014, ISBN 980-953-307-1100-2.

#### **List of International Publications AY 2014-2015**

No.	Author(s)
1	Anupama Prasanth. A Comparison on Intelligent Web Information Retrieval Systems. International Journal of Computer Science and Network, Vol 3, No.6, 2014.
2	Sandhia Valsala. Software Release Planning-A model Incorporating Environmental Parameters, Journal of Theoretical and Applied Information Technology, Vol 68, No.1, 2014.
3	Arellado, Ma. Arlen F. The International Language Teachers: An Introspection of English Language Anxiety: The Case of Arab Students, Asian Journal of Management Sciences & Education, 2014.
4	Blanco Dennis. Of Economic Bubbles and Economic Miracles: Notes and Reflections from a Non-Expert, Asia- Pacific Social Science Review, Vol 14, No. 2, 2014.
5	Banta, Lucia F. Assessment of Electronic Banking Services of Islamic Banks: Bahrain's Perspective, International Advanced Research Journal in Science, Engineering and Technology, Vol 1, No. 3, 2014.
6	Amin ElMligi. Effect of Global Warming on the Ice Cap Melting of Poles, Environmental Science: An Indian Journal, Vol 10, No.12, 2015.
7	Mahdi Mosa. Mathematical Model for Classical Cryptography, International Journal of Electronics Communication and Computer Engineering, Vol 6, No.3, 2015.
8	Sapungan, Ronel. Our New Direction: A Basic Education Strategic Plan, Asian Journal of Management Sciences & Education, Vol 4, No.1, 2015.



9	Castro, Rosita G. Social Sciences' Learning Outcomes: Mapping Course Intended Outcomes to Computer Science Undergraduate Student Outcome, Asian Journal of Social Sciences and Humanities, Vol 4, No.1, 2015.
10	Banta, Lucia & Rania Abadi. Emotional Intelligence: Its Relation To Employees Performance in Public Works Authority in Qatar, International Advanced Research Journal in Science, Engineering and Technology, Vol 2, No.3, 2015.
11	Banta, Lucia & Manal Sahwan. Assessment of the Service Quality in Selected Universities in the Kingdom of Bahrain, International Advanced Research Journal in Science, Engineering and Technology, Vol 2, No.3, 2015.
12	Anupama Prasanth. Intelligent Web Information Retrieval based on User Navigational Patterns. International Journal of Computer Applications, Vol 109, No.1, 2015.
13	Belal Elsayed. Fuzzy Swinging-up with Sliding Mode Control for Third Order Cart-Inverted Pendulum System, International Journal of Control, Automation and Systems, ISSN : 1598-6446, 2015.
14	Salindo, Randolph Von. Supply Chain Logistics Integration Performance: The Case of the Philippine Processed Food Industry. International Advanced Research Journal in Science, Engineering and Technology Vol. 2, Issue 7, 2015.
15	Anupama Prasanth. Chameleon Clustering Algorithm with Semantic Analysis for Efficient Web Usage Mining. International Review of Computers and Software, Vol 10, No.6, 2015.
16	Anupama Prasanth. Chameleon Hierarchical Clustering Algorithms for Efficient Web Usage Mining. International Journal of Applied Engineering Research, Vol 10, No.14, 2015.
17	Lumeran, Belen T. Gastropods in the Intertidal Zone of Asry Beach, Kingdom of Bahrain, International Advanced Research Journal in Science, Engineering and Technology, Vol 2, No. 7, 2015.
18	Lumeran, Belen T. Annual Cycles of Avian Migrants in Predicting the Carrying Capacity of a Marine Ecosystem, International Advanced Research Journal in Science, Engineering and Technology, Vol 2, No. 7, 2015.
19	S. A.M. Abdel-Hameeda, F. H. Merghaa and Amin. A. El-Meligi, Investigating Hydrogen Storage Behavior of Glass-Ceramic Material, International Journal of Energy Research, 2014; 38:459– 465.
20	M. Madian, N. A. Ismail, Amin A. El-Meligi, Investigation of hydrogen storage capacity of NiPS3 and CoPS3, J. of Alloys and Compounds, Volume 588, 5 March 2014, Pages 573–577.
21	A. S. Ismail, P. B. Andeng and A. A. El-Meligi, Investigating Corrosion Behaviour of Aluminum and Aluminium-Copper Alloy in H <sub>2</sub> SO <sub>4</sub> as Anodizing Solution, The J. of Corrosion Science and Engineering, Vol. 17, No. 20, 2014.

**List of International Publications AY 2015-2016**

No.	Author(s)
1	Anto Manolo L. Managing Careers of Multinational Companies in the Kingdom of Bahrain, European Journal of Business and Management, Vol 7, No. 27, 2015.
2	Anupama Prasanth. Comparison Analysis for Different Types of Web Usage Mining Techniques. International Journal of Applied Engineering Research, Vol 10, No.20, 2015.
3	Andeng, Pura B. Heavy Metal Analysis in the Vegetable Farm Soil in the Kingdom of Bahrain, Civil and Environmental Research, 2015.
4	Mahdi Mosa. Mathematical Model of Stability Analysis of Disturb System, IJECCE, ISSN 2249-071X, 2015.
5	Amin ElMeligi et al. Fabrication and Characterization Single Crystal of FePS3 Layered Material, International Advanced Research Journal in Science, Engineering and Technology, Vol 2, No.12, 2015.
6	Mohammad Riyaz Belgaum and R. Praveen Sam. A Calculative Analysis of Channel Utilization using Hierarchical IP Addressing scheme(HIPAS). International Journal of Advanced Computing and Electronics Technology, Vol 2, No.1, 2015.
7	Jaber Jemai et al. Decomposability Conditions of Combinatorial Optimization Problems, Decomposability Conditions of Combinatorial Optimization Problems, Volume 9101, Springer 2015.
8	Narzoles, Danebeth, G. Student Team Achievement Division (STAD):Its Effect on The Academic Performance of EFL Learners, American Research Journal of English and Literature, Vol 1, No. 4, 2015.
9	Narzoles, Danebeth, G. Potent Communication Skills in the Workplace: Perspectives from the Employers, American Research Journal of English and Literature, Vol 1, No. 5, 2015.
10	Tabalan, Danilo, A. Goal Modification, Global -Analytical Learning Styles and Achievement in Technical Writing, Journal of Education and Practice, Vol 6, No.8, 2015.
11	Castro, Rosita G. Social Sciences' Learning Outcomes: Mapping Course Intended Learning Outcomes to Computer Science Undergraduate Student Outcome, Asian Journal of Social Sciences and Humanities, Vol4, No.1, 2015.
12	Asenas, Rodalin, N. Administrative and Instructional Interventions for Disaster-Prone Bay Schools, Asian Journal of Social Sciences and Humanities, Vol4, No.3, 2015.
13	Anupama Prasanth. Web Personalization using Web Usage Mining Techniques. International Journal of Current Engineering and Scientific Research, Vol 3, No.3, 2016.
14	Calucag, Lina S. & Tabalan, Danilo A. Validity, Reliability and Item Analysis of AMAIUB Admission test. International Advanced Research Journal in Science, Engineering and Technology, Vol. 3, Issue 3, 2016.

15	Calucag, Lina. Divergence of Scientific Heuristic Method and Direct Algebraic Instruction. International Institute of Science, Technology and Education – Journal of Education and Practice, Vol.7, No.3, 2016.
16	Lacambra, Wilfredo T. Students' Academic Performance in Physics 1: Basis for Teaching and Learning Enhancement, Research on Humanities and Social Sciences, Vol 6, No. 4, 2016.
17	Calucag, Lina. Validity, Diagnostic Analysis of the Teaching Style Inventory of Teacher-Education and Non-Teacher Education Faculty in an International Setting. International Advanced Research Journal in Science, Engineering and Technology, Vol. 3, Issue 5, 2016.
18	Salindo, Randolph Von. Supply Chain Logistics Integration in the Construction Industry: The Case of the Kingdom of Bahrain. European Council for Business Education (ECBE). Proceedings of the 21 <sup>st</sup> Annual Conference, 20-22 May 2016.
19	Lacambra, Wilfredo T. Development and Validation of a Physics Achievement Test to Identify Instructor Variables Associated with Students' Physics Academic Performance, Journal of Education and Practice, Vol 6, No. 7, 2016.
20	Calucag, Lina, Talisic, Geraldo and Caday, Aileen. Correlation of Admission Metrics with Eventual Success in Mathematics Academic Performance of Freshmen in AMAIUB's Business Curricula .International Institute of Science, Technology and Education – Journal of Education and Practice, Vol.7, No.23, 2016.
21	Maguiling, Andres P. Ethics-Based Leadership Styles and Administrative Performance of Academic Heads, European Journal of Research and Reflection in Educational Sciences, Vol 4, 2016.
22	Tabalan, Danilo A. Common Verbal & Nonverbal Communication skills in the Workplace of the International Companies: A Case Study, International Advanced Research Journal In Science, Engineering & Technology, Vol 3, No.6, 2016.
23	Tabalan, Danilo A English Proficiency Level of Technical Writing Students: Basis for Teaching and Learning Enhancement, Journal of Literature, Language & Linguistics, Vol 18, No.1, 2016.
24	Yasir Iqbal. The Influence of Mother tongue on Learning a Foreign Language in the Kingdom of Bahrain, European Journal of English Language, Linguistics and Literature, Vol 3, 2016.
25	Castro, Rosita G. Management Style and Organizational Productivity Skills: An Analysis, European Journal of Research and Reflection in Educational Sciences, Vol 4, No. 3, 2016.
26	Asenas, Rodalin N. Strategic and Instructional Interventions on Students' Habitual Absences for Academic Achievement, International Journal of Research and Reflection, Vol 4, No.6, 2016.
27	Valdez, Suzette F. The Effectiveness of Interactive Comic Strips on Teaching Functional Grammar to College Freshmen, International Journal of English, Language, Literature and Humanities, Vol 4, No.2, 2016.

28	Valdez, Suzette F. Collaborative Writing: Basis for Enhancing Course Structure and Improving Students' Content Based Writing Competency, International Journal of English, Language, Literature and Humanities, Vol 4, No.5, 2016.
29	A.A.Abro, S. Soomro, Z. Alanasari, S. Abbasi, M. R. Belgaum, A. B. Khakwani. Secure Network in Business-to-Business application by using Access Control List (ACL) and Service Level Agreement (SLA). Sindh University Research Journal, Vol 48, No. 4D, 2016.
30	N. Soomro, S. Soomro, Z. Alanasari, S. abbasi, M. R. Belgaum, A. B. Khakwani. of UMLS Based Health Care Web Services for Android Platform. Sindh University Research Journal, Vol 48, No. 4D, 2016.
31	Hussain Alkarrani. Issue in Managing employee behavior. Journal of Empirical Research in Accounting & Auditing. Journal of Empirical Research in Accounting & Auditing, 2015.
32	Densy John V, Dr. Agnise Kalarani . A Survey on Security Issues in Cloud Computing and its Solutions. International Advanced Research Journal in Science, Engineering and Technology, Vol. 2, 2015.

#### **List of International Publications AY 2016-2017**

No.	Author(s)
1	Naseer Sabri, Saifallah Abgenah, S.Salim, Noamam M. Noaman, Hamza Juma. Design and development of an embedded active solar tracking and management system based SBC Journal of Theoretical and Applied Information Technology, Vol.94, No.1, 2016.
2	M. S. Salim, Naseer Sabri, Noaman M. Noaman, S. Fouad. Novel Smart Fuzzy Controller Based Separation Efficiency Model for Centrifugation, TELKOMNIKA, Vol.14, No.4, December 2016.
3	Beda Aleta. Engineering Self-Efficacy Contributing to the Academic Performance of AMAIUB Engineering Students: A Qualitative Investigation. Journal of Education and Practice. Vol.7, No.27, 2016.
4	Husham M. Ahmed Ghaleb A. Ibrahim. Performance Evaluation of a Conventional Solar Still with Different Types and layouts of Wick Materials. Journal of Energy Technologies and Policy. ISSN 2224-3232, Vol.6, No.1, 2016.
5	Belen T. Lumeran. Spatial Distribution of marine planktons off the Coast of Sitra, Kingdom of Bahrain. International Journal of Applied and Physical Sciences. Vol.2, No.3, 2016.
6	Belen T. Lumeran. Tissue Culture of DilleniaPhilippinensis Rolfe. International Advanced Research Journal in Science, Engineering and Technology. ISSN (Online) 2393-8021. Vol. 3, No. 9, 2016.
7	Khalaf Hasan Ali. Empirical Model for Estimating Global Solar Radiation on Horizontal Surface. International Institute for Science ,Technology& Education. Vol. 6, No.5, 2016.

8	Mohammad Riyaz Belguam, <u>Safeeullah Soomro</u> , <u>Zainab Alansari</u> . Cloud Service ranking using Checkpoint based Load balancing in real time scheduling of Cloud Computing. International Conference on Advanced Computing and Intelligent Engineering, 2016.
9	Zainab Alansari, Safeeullah Soomro, Mohammad Riyaz Belgaum. The Rise of Internet of Things (IoT) in Big Healthcare Data: Review and Open Research Issues. International Conference on Advanced Computing and Intelligent Engineering, 2016.
10	<u>Safeeullah Soomro</u> , <u>Zainab Alansari</u> and Mohammad Riyaz Belgaum. Path Executions of Java Bytecode Programs. International Conference on Advanced Computing and Intelligent Engineering, 2016.
11	Mohammad Riyaz Belguam, <u>Safeeullah Soomro</u> , <u>Zainab Alansari</u> , Muhammad Alam. Treatment of Reactive Protocols using Second Chance Based on Malicious behavior of nodes in MANETS. The 10th International Conference on Mathematics, Computer Science and Statistics (MCS 10), 2016.
12	Mohammad Riyaz Belguam, <u>Safeeullah Soomro</u> , <u>Zainab Alansari</u> , Muhammad Alam. Treatment of Reactive Protocols using Second Chance Based on Malicious behavior of nodes in MANETS. The 10th International Conference on Mathematics, Computer Science and Statistics (MCS 10), 2016.
13	Husham M. Ahmed Ghaleb A. Ibrahim, Geraldo C. Talisic. Thermal performance of a conventional solar still with a built in passive condenser : experimental studies. Journal of Advanced Science and Engineering Research. SSN 2231-8844, Vol. 7, No.3, 2017.
14	Mahdi H. Miraz, Peter S. Excell and Maaruf Ali. CIAUI Framework: Exploration of the Concept of Plasticity of User Interface Design to Improve Cross-cultural Usability. ACM Transactions on Web (TWEB), 2017.
15	Mahdi H. Miraz, Peter S. Excell and Maaruf Ali. Cross-cultural Inclusivity and Usability Evaluation of Mobile Academy Prototype. IEEE Journal on Selected Areas in Communications, 2017.
16	Mahdi H. Miraz, Muzafar A. Ganie, Suhail A. Molvi, Maaruf Ali, and AbdelRahman H. Hussein. Degradation of QoS of VoIP Traffic through WiFi, WiMAX and WiFi-WiMAX Networks. The International Arab Journal of Information Technology (IAJIT), 2017.
17	Mahdi H. Miraz, Peter S. Excell and Maaruf Ali. AI Based Culture Independent Pervasive M-Learning Prototype Using Plasticity of UI Design Techniques. International Journal of The Information Society, 2017.
18	Mahdi H. Miraz, Peter S. Excell and Maaruf Ali. Adaptive User Interfaces and Universal Usability through Plasticity of User Interface Design. ACM Computing Surveys (CSUR), 2017.
19	Fiasal Ali, L. Ali, Ruchin Jain and M Kashif. The Effects of Quality Practices on the Performance Measurement of Business Management. International Conference on Management , Technology and Services 2017
20	Anupama Prasanth. Cloud Computing: Secure and Scalable Data Access Security Models. International Journal of Computer Applications. Vol.170.No.4, 2017.

21	Anupama Prasanth. Intelligent Recommendation System using Semantic information for Web Information Retrieval. Advances in Computational Sciences and Technology. Vol. 10, No. 8, 2017.
22	Anupama Prasanth, Sandhia Valsala. Semantic Chameleon Clustering Analysis Algorithm with Recommendation Rules for Efficient Web Usage Mining. 9 <sup>th</sup> IEEE GCC Conference, 2017
23	Valdez, Suzette F. Online Communication Routes for Effective Social Communications Skills and Business Sustainability. International Journal of English, Language, Literature and Humanities. (ISSN 2321-7065) 2017.
24	Maguiling, Andres P. The Multiple Intelligences of AMAIUB Students: Basis for Pedagogical Innovation, Asian Journal of Management Sciences & Education, Vol 6, 2017.
25	Sabah Mansour Al-Jubouri. Economic Operation of Real Power System Under Different Contingencies. International Journal of Advanced Engineering and Management Research. Vol 2, 2017.
26	Fowzi Yousef Al-Somali, & Sabah M. Askar. Comparison Between Two Of Automatic Scheduling Methods For Maintenance Outages Plan of Transmission System. Comparison Between Two Of Automatic Scheduling Methods For Maintenance Outages Plan of Transmission System
27	Sabah Mansour Al-Jubouri. Voltage Stability Assessment Based on Intelligent Techniques: Applied on Practical Networks (Book), Noor Publishers, 2017.
28	Anitha Joseph. University Graduates' English Language Abilities: Impressions From The Labor Sector. European. Journal Of English Language Linquistics & Literature. Vol. 4, 2017.
29	Rodalin Asenas. Tiered Instructional Intervention Model To Reduce The Effects of Weather Conditions On Students' Curricular And Extra-Curricular Concerns. European Journal of Research and Reflection in Educational Sciences. Vol. 5, 2017.
30	Andres Regondola. Awareness on Strategic Management Accounting of Small Medium-Sized Enterprises in The KOB. International Journal of Innovative Science, Engineering and Technology. Vol. 4, 2017.
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#### List of International Publications AY 2018-2019

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1	Dr Jayendira P Sankar 2021 Factors Influencing Employee Satisfaction of Educational Institutions International Journal of Early Childhood Special Education INT-JESCE Publications 13(2), 327-336 <a href="https://www.int-jecse.net/media/article_pdfs/319-326.pdf">https://www.int-jecse.net/media/article_pdfs/319-326.pdf</a>
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5	Dr Gulnar Mulla 2023 Chapter in book titled "Technology Trends in Higher Education- Volume 2 " with ISBN : 978-81-956 New Trends in Technology in Higher education A2Z EduLearningHub (January 31, 2023) volume 2 chapter 4 pg 30-34 <a href="https://www.amazon.in/Technology-Trends-Higher-Education-2-ebook/dp/B0BTM8QN98">https://www.amazon.in/Technology-Trends-Higher-Education-2-ebook/dp/B0BTM8QN98</a>
6	Dr Nidhi Menon 2023 The Role of Communication on The Quality of E-Services and Food Quality: The Case of Online Food Delivery International Journal on Interactive mobile technologies International Journal of Interactive Mobile Technologies (ijIM) – eISSN: 1865-7923 VOL. 17 NO. 13 (2023) <a href="https://doi.org/10.3991/ijim.v17i13.39787">https://doi.org/10.3991/ijim.v17i13.39787</a>

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104.	Qahtani, H. al, & Sankar, J. P. (2024). Impact of socio-economic dynamic of SMEs and large enterprises in GCC. <i>Journal of Infrastructure, Policy and Development</i> , 8(8), 1–17. <a href="https://doi.org/10.24294/jipd.v8i8.5310">https://doi.org/10.24294/jipd.v8i8.5310</a>
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109.	Yadav, S., Victor, S., Singh, R., Singh, P., Shanmugam, R., & Pal, S. (2025). The effect of E-commerce on traditional retail: A comparative analysis. <i>European Economic Letters</i> , 14(3), 2858–2866. <a href="https://eelet.org.uk/index.php/journal/article/view/2056">https://eelet.org.uk/index.php/journal/article/view/2056</a>



# COLLEGE OF ADMINISTRATION AND FINANCIAL STUDIES (CAFS)

## *Student's Thesis and Capstone Projects:*

- SY2005-2006
- SY2006-2007
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**Bachelor of Science in Business Informatics List of Thesis SY 2009-2010**

Accession Number	Student Name	Thesis Title
251	EBRAHIM ABBAS EBRAHIM (BH06500219)	SERVICE MANAGEMENT SYSTEM
383	AMANI JAMSHEER FAIROOZ (BH06501010)	CRM SYSTEM
384	ALI SALMAN AHMED LAHMEDI (BH07500087), NASSER KHALID SALMAN AHMED (BH07500742)	ONLINE HR MANAGEMENT SYSTEM FOR BANK OF BAHRAIN AND KUWAIT
394	ANOOD ABBAS (BH06500302), ALI ABDULLAH AHMED (BH06500865), DANAH ABDULLAH (BH07500265), HANAN JAMEEL (BH07500457), RUQAYAH ALSADAH (BH07500910)	PICK YOUR BOOK COM
395	HASSAN MOHAMMED GHULOOM (BH07500693), HUSSAIN A.HAJI (BH07500873), EBRAHIM A.RASOOL ALI (BH07501141), HUSSAIN A.RASOOL ALI (BH07500681), JASSAN ALI SAFAR (BH07500231)	SERVICE BUYING MANAGEMENT COMPANY
396	PRIYANKA GEORGE (BH07500009)	DESIGN AND DEVELOPMENT OF WEBSITE FOR ISABELLA SPA & BEAUTY SALONN
401	MOHAMMED ABDULHASAN SARHAN (BH07500357)	ONLINE ADVISING SYSTEM FOR AMA UNIVERSITY
404	FATIMA SALEH ALSHAFEI (BH07500130), AYSHA ABDULLA ALSALEHI (BH07500036)	ONLINE INFORMATION SYSTEM FOR INTERNATIONAL SCHOOL OF CHOUEIFAT
405	FATIMA MAKKI ALI (BH07500643), BUSHRA MOHAMMED (BH07500388), HUSSAIN ALI ATYA (BH06500828), NOORA JASSIM (BH06501059), KHATOON EBRAHIM (BH07500619)	ALOSRA CLINIC
406	AHMED MOHD ISA ALQASSAB (BH06500277)	HRIS FOR BANK BAHRAIN AND KUWAIT
407	NADA EBRAHIM AHMED (BH07500514), MAHA HUSSAIN (BH07500446), KHAWLA SAYED HABIB (BH07500774), KHALID AHMED ALHASAN (BH07500516)	ONLINE REGISTRATION SYSTEM
408	ABDELKARIM VAVROUSKA (BH07500777), AMAL JASSIM BARDOOLI (BH07500807), ABDULATIF HUSSEIN (BH07500778), MANAR ALZAYANI (BH07500047)	KBM TRADING CO. W.L.L. RECEIPT SYSTEM
419	MAHMOOD FAREED AHMED (BH05501512)	AZURA SPA
421	FATIMA ALI SALMAN ALI (BH07501282), HAWRA MANSOOR ABDULLA (BH07501283)	AL AMAL CLINIC

429	AQEELA MOHAMMED JAMEEL (BH07501165), RUQAYA ALI MANSOOR (BH07501200), FATIMA A.AMEER HASSAN (BH07500654), ZAINAB A.ALNABI (BH07501154), FATIMA MOHAMMED (BH07500293)	ARAB DVD SALES AND RENTAL SYSTEM
430	HUSSAIN WAHEED (BH06500031), HUSSAIN KHAMIS (BH06500989), HUSSAIN SAMEER (BH06500533), AHMED SAMI NOOH (BH06500304), ZAINAB SAAID (BH05502467)	AMA CAR WASH SYSTEM
431	SABREEN SALEH (BH07500955), SARA ABDELKAREEM (BH07500128), KHALED SUKKAR (BH07500510), HASAN ABD ELSAHEEB (BH07500494)	GOVERNMENT PRIMARY SCHOOL GRADING SYSTEM
406	AHMED MOHD ISA ALQASSAB (BH06500277)	HRIS FOR BANK BAHRAIN AND KUWAIT
407	NADA EBRAHIM AHMED (BH07500514), MAHA HUSSAIN (BH07500446), KHAWLA SAYED HABIB (BH07500774), KHALID AHMED ALHASAN (BH07500516)	ONLINE REGISTRATION SYSTEM
408	ABDELKARIM VAVROUSKA (BH07500777), AMAL JASSIM BARDOOLI (BH07500807), ABDULATIF HUSSEIN (BH07500778), MANAR ALZAYANI (BH07500047)	KBM TRADING CO. W.L.L. RECEIPT SYSTEM
419	MAHMOOD FAREED AHMED (BH05501512)	AZURA SPA
421	FATIMA ALI SALMAN ALI (BH07501282), HAWRA MANSOOR ABDULLA (BH07501283)	AL AMAL CLINIC
429	AQEELA MOHAMMED JAMEEL (BH07501165), RUQAYA ALI MANSOOR (BH07501200), FATIMA A.AMEER HASSAN (BH07500654), ZAINAB A.ALNABI (BH07501154), FATIMA MOHAMMED (BH07500293)	ARAB DVD SALES AND RENTAL SYSTEM
430	HUSSAIN WAHEED (BH06500031), HUSSAIN KHAMIS (BH06500989), HUSSAIN SAMEER (BH06500533), AHMED SAMI NOOH (BH06500304), ZAINAB SAAID (BH05502467)	AMA CAR WASH SYSTEM
431	SABREEN SALEH (BH07500955), SARA ABDELKAREEM (BH07500128), KHALED SUKKAR (BH07500510), HASAN ABD ELSAHEEB (BH07500494)	GOVERNMENT PRIMARY SCHOOL GRADING SYSTEM

## Bachelor of Science in Business Informatics List of Thesis SY 2010-2011

Accession Number	Student Name	Thesis Title
359	MARIAM MOHAMMED ALNOAIMI (BH06500032)	ONLINE ORDERING SYSTEM FOR DEEMA JEWELERS
371	FATIMA SHNAF ALBUFLASA (BH07500178), MARIAM RASHED ALBINALI (BH07500177)	ELECTRONIC VISA FOR KINGDOM OF BAHRAIN
373	MOHAMED ABDULHAMEED KHALIL (BH07500599)	JAWAD BUSINESS GROUP ACCOUNTING SYSTEM
374	AYSHA AHMED JALAL (BH07500263), DOLA ALQADHI (BH07500434), MARIAM S. AHMED (BH07500546), RAHMA AL NOAIMI (BH07500797), MASOOMA ALI ABDULLA (BH07500975)	HAWAR INTERNATIONAL SCHOOL INFORMATION AND ADMISSION SYSTEM
375	HESSA BADER BUDAWAS (BH07500740), NAILA EBRAHIM HAMADA (BH07500633)	ONLINE ORDERING SYSTEM OF BREAD TALK BAKERY , BAHRAIN
376	JASSIM MOHAMMED (BH07500058), YOUSIF MOHAMMED (BH07500102)	NATIONAL MOTORS COMPANY
377	ZAINAB ABDULLA AHMED (BH07501397) , SEDDIQUE SAYED SAEED MAHFOODH (BH05502282)	INTIATION SYSTEM IN UOB
378	ROBERTO JESUS HIDALGO CARILLO (BH07500149)	MARTIAL ARTS SCHOOL MANAGEMENT SYSTEM
379	NOOF AZMI ALKHALIFAT (BH07500223), ATIFA AHMED ALSAYED (BH07500222)	NAWAL FLOWERS
381	MOHAMED A.HASSAN (BH07500230), HANI AHMED ABBAS (BH07500483), ISA SAEED KHAMIS (BH07500589)	ONLINE REGISTRATION SYSTEM
382	MEAAD HUSSAIN ALKHUZAI (BH07500202), ZAHRA ABDULLA MOHAMMED (BH07500728), AMEERA NABEEL ALKOOHEJI (BH07500083)	HR MANAGEMENT SYSTEM FOR DEWANIA REAL STATE AGENCY
385	MARIAM MAHDI SALEH (BH07500524), FATIMA HASSAN ALI (BH07500488), NABA SAEED HAMAD (BH07500255), ALYA RASHID ALHADDAD (BH07500004)	ISA TOWN PUBLIC LIBRARY SYSTEM
386	REEM MOHAMMED ABDULRAZZAQ (BH07501403), HISSA MOHAMMED ALMOOSA (BH07500380), HANAN ABDULRAHMAN BUKAMAK (BH07500861)	ARAB WOMEN BEAUTY SALOON

390	FADHEL ABBAS KHAMIS (BH07500126), REDA JAWAD ALTAMMAM (BH06500857), EBRAHIM SALEH AL HAYKI (BH06500853), HUSSAIN A.RASOOL JOMA'A (BH06501035), ABBAS ABDULLA TAHER (BH06500673), HUSSAIN AL ARRAYEDH (BH05502440)	LUXURY TRAVEL AGENCY
391	MARYAM BUCHIRI (BH07500348), AMINA (BH07500113), REHAB (BH07501116)	AMAIUB ONLINE REQUIREMENT SYSTEM
392	AYSH A.RAHMAN ALAWADHI (BH07500147), DANA RASHID BIN JALAL (BH07500023), AFAF HUSSAIN AHMED (BH07500021)	LADIES FAIR SALOON
393	TALAL ALZAYANI (BH07500260), AHMED ALDOSERI (BH07500187), YASEER ALFAHEL (BH07500261), WALEED ALDOSERI (BH07500262), MOHAMED HUSSAIN (BH07500302)	BAHRAIN GUIDE ONLINE
397	ABDULLA HABIB AL GALLAF (BH07500151), MOHAMMED EBRAHIM ALKHATER (BH07501235), FAISLA YAQOOB RASHID (BH07500659), AHMED A.JALIL AHMED (BH07500140)	BNI AUTOMATED PAYMENT COLLECTOR
398	EMAD YOUSIF SALEH (BH06500992), MAHMOOD HAMZA (BH05502495), MAHMOOD AL HAWAJ (BH07500408), MAHMOOD ALI MIRZA (BH06500124), ABDULLA MUBARAK (BH06501022)	DESIGN AND DEVELOPMENT OF EMA OPERATIONS MANAGEMENT SYSTEM (EMA)
399	FAWZIA AHMED (BH07501022), A.RAHMAN NABEEL (BH07500281), AHMED FOUAD (BH07500306), ZOYA ABDULLA (BH07500491)	GENTILS & LADIES SALON
400	ALI ABBAS ALHERZ (BH07500412), FATIMA ABDULRAHMAN ALI (BH07500139), NOOR ABDULWAHID HUBALI (BH07500652), EMAN ABDULELAH ALSAED (BH07500592), MARIAM ADEL (BH07500884)	CUSTOMER SERVICE MANAGEMENT FOR MAXTELCO
402	DUAATIYAH ALBASH(BH07500432), ZAINAB ALI EBRAHIM (BH07500433), ABBAS FADHEL YUSIF (BH07500369), ALI MOH'D JAFFER (BH07500297)	SANAD BOOK STORE
403	HUSSAIN ALI ALSHEALA (BH06500625), RASHAD SHAHRAM SULTANI (BH06500412), SALMAN JASSIM NASSER (BH06500680), MOHAMMED ABDULLA (BH06500435), ALI MOHAMMED ALI	DELIZIOSO RESTAURANT

	(BH06500978)	
409	ALI ALARADI (BH06500713), HUSSAIN ALARRAYEDH (BH05502440), ALI ISMAIL (BH06500161), HASSAN MUHANA (BH06500374)	TOP RPM SPORT CARS ONLINE DEALERSHIP
410	LAMYA AHMED ALI (BH07501294), AYED NASSER ABDULLA (BH06500367)	ADMINISTRATION SYSTEM FOR CITY INTERNATIONAL SCHOOL
411	FATIMA MAKKI JASSIM ALI (BH07500165), ZAIINAB HASSAN KAUWAITAN (BH07501002), EMAN A.ALAMEER ALSHAIKH (BH07500657), HADY WALAA HASSANI (BH07500419), ISHAQ A.RAHIM ALKOOHEJI (BH07500765)	AL KINDI SPECIALIZED HOSPITAL APPOINTMENT SYSTEM
412	IMRAN AHMED SALEEM (BH07501129)	HR MANAGEMENT SYSTEM FOR HSBC BANK
414	NAWAF YOUSIF HASSAN (BH07500189), BUTHAINA HASSAN ALSAEEDI (BH07500534), MARIAM KHALIFAH ALSHUROOQI (BH07500468)	BAHRAIN DIRECTIONS WEBSITE
415	ZAINAB ESMAIL HASAN (BH07500075), RABAB S.MAHDI MOHAMMED (BH07500132), SAMERA ABDULLA (BH07501192)	BOOKING ONLINE FOR THE MOON BEAUTY SALOON
416	ALI HUSSAIN ALORAIBI (BH07500711), AHMED MOHD ABDULLA (BH07500594), EMAN ISMAIL (BH07500911), NOOR ISMAIL (BH07501391)	BAHRAIN ATOMIZER DATABASE
417	MOHAMMED AL DAR (BH05500846)	SAUDI BUSINESS MACHINES EXPENSE ACCOUNT SYSTEM
420	MOHAMMED JAFFAR ALSAATI (BH07500377), ALI FADHEL AL MAHOOZI (BH06500128), FATIMA JASSIM (BH07500840)	FIFA SPORT INVENTORY SYSTEM
422	DAWN JEWELS Q. MORALES (BH07500416)	PRIME MED PHARMACY
423	ABDULLA JAMEEL HUSAIN (BH05502122)	E-SHOP
424	EMAN ALI MOHAMMED SHUKRALLA (BH05501201)	SALES SYSTEM PROGRAM
425	MAITHAM MAHMOOD (BH06500759), HUSSAIN M. BADER (BH06500760), ALI ABBAS (BH06500789), MOHD ISA (BH06500253)	QUICK CAR CARE SERVICE

426	AHMED MOH'D HASSAN (BH07500013), LULWA MOH'D (BH07500156), HUSSAIN RAJAB (BH07500190), S.JAWED FAISAL (BH07500679), SERAJ IBRAHIM (BH07500851), MOHAND SAMER (BH07500961)	ALAREEN RESORT RESERVATION SYSTEM
427	NUSAIBAH KHALID ALMADANI (BH07500198), MARWA AHMED FARAJ (BH07501386), FATIMA FADHEL (BH07501363)	BAHRAIN CINEMA DEVELOPMENT : AN ENCHANCE TICKETING AND RESERVATION SYSTEM
428	AMINA BUCHEERI (BH0750072), SHAIKHA ADEL (BH07500613), NOORA ALI (BH07500754), MARIAM MOHAMMED (BH07501381), LAYLA ALI (BH07501194)	GRADING SYSTEM FOR AL ALAA AL HADRAMI PRIMARY SCHOOL
466	KHALIFA SAIF (BH06500849), AHMAD MUBARAK (BH06500753), SALAH FATHALLAH (BH06500889), HUSAIN MANSOR (BH06500860), MOHAMMAD ABDURAHEEM (BH06500890)	CAR RENTAL COMPANY
478	SARA YOUSIF (BH07500855), MOHAMMED A WAHAB (BH07500893), HEND AHMED (BH07500057), MAHMOOD ALMAHMOOD (BH07500141), RASHID YOUSIF (BH06500066)	ONLINE BOOKSHOP BAHRAIN LIBRARY.COM
479	BUSHRA MOHAMMED AL SAATI (BH 06500201), MARYAM MOHAMMED AL HASSAN (BH06500200), MAHMOOD ABDULLA MUSTAFA (BH05502218)	ONLINE ORDERING SYSTEM OF NYIT ONLINE REGISTRATION SYSTEM
480	HANAN LOTFI SAADI (BH07500393)	MANAGEMENT SYSTEM FOR WEST RIFFA SPORTS CLUB
481	ABBAS AZIZ (BH07501593), HESHAM ABDULLA (BH07501302)	CARS ONLINE RESERVATION SYSTEM
482	AHMED ISA RASHID (BH06500383), YOUSIF NAJEED RAFIE (BH06500487), MOHSIN ABD A. ALI AHMED (BH06501128)	ONLINE BUYING & RESERVATION SYSTEM FOR DVD STATION
483	BRENDA A. SAMONTE (BH06500242), LEONARD VINCENT RENDON (BH05501636)	SHAI VIDEO DVD RENTAL SYSTEM
484	SAMEERA AHMED (BH05501558), AHMED MASHALLAH (BH05502030)	BASIC ACCOUNTING SOFTWARE FOR GULF TECHNICAL SERVICES
485	FATIMA ABDULLA (BH07500471), LAYLA ABBASS (BH07500751), ZAINAB ABD ALI (BH07500424), SAKINA JASSIM (BH07500114), FATIMA HUSSAIN (BH07500526)	TOUBLI PRIMARY SCHOOL GRADING SYSTEM

486	FATIMA NAJI MANSOOR (BH07500481), MOHAMMED ALI MOHAMMED (BH07500426)	AL- BADA'A CONSTRUCTION COMPANY INVENTORY SYSTEM
487	AISHA SAAD ABDULLAH (BH07500520), SHIMA HAJI (BH06500804), MAYSA AL ROOMI (BH06500357), FATIMA AL SHAIKH (BH05501633)	ELECTRONIC SHOP FOR LADIES
488	YOUSIF AQEEL AL ASKARI (BH06501051), HUSSAIN A.AMEER ABDULLA (BH05500832), ADEL HASSAN MERZA (BH06501116), JEHAD HAMEED AL SHOWAIKH (BH06500175)	HUMAN RESOURCE MANAGEMENT SYSTEM OF BAHRAINI SAUDI BANK
489	WEJDAN MEFTAH MAHBOOB (BH07500215), SHIKHA KHALID (BH06500708)	BAHRAIN CINEMA DEVELOPMENT : AN ENCHANCE TICKETING AND RESERVATION SYSTEM
490	HASSAN MUHAMA (BH06500374), AHMED SANAD (BH06500251), HAMAD ISA ALBINALI (BH06500408), ABDULLA ATEEQ (BH06501139), MOHAMMED ABDULLA (BH06500292)	BAHRAIN AUTO
491	MOHAMED MUSTAFA AHMED (BH06501686), LAMYA EBRAHIM HAMZA (BH05500808)	LAMYA SWEETS
492	MANAF QASSIM (BH06500721), MOHAMMED JAFFAR (BH06500119)	HEAVEN QUALITY CARS
493	MAHDIA ALI FARDAN (BH06501152), MARYAM KHALID (BH05502083), SAYED SALAH ALAWI (BH05502215), AHMED SALEH (BH06500316)	E- GIFT
494	HUDA ABDULLA AL ABDAN (BH06501054), SARA ABBAS HASSAN (BH06501075), FAHAD ALI ABDULLA (BH06501115), MOHAMED JASSIM (BH05501431), KHALID AHMED (BH05502554)	TAYLUS RESTAURANT SERVICES MANAGEMENT SYSTEM
495	EMAN EBRAHIM ALDOSERI (BH06500633)	LIBRARY MANAGEMENT SYSTEM
505	SAMEER DEL MURAD (BH07500484), SADIQ KADEM ISA (BH07500790), HUSSAIN A.MOHSSIN ALI (BH07500400), YOUSIF KHAN (BH07501039)	ARABIAN PEARL GULF PRIVATE SCHOOL- STUDENT INFORMATION SYSTEM
506	MOHD JAAFAR AL ARAIBI (BH07500336), HASAN YOUSIF AL SHEHABI (BH07500847), AHMED NASSER ALSAFFAR (BH07500672), ALI ABD.ALKARIM (BH06500905), YAQOOB ALQASSIMI (BH07501259), MOHD BUKAMAL (BH07501260)	PROSPERITY RECORD SYSTEM

507	SAJID ALI (BH07501029), ADEL HUSSAIN (BH07500497), HUSSAIN HASSAN (BH07500185), FATIMA EBRAHIM (BH07500408), HASSAN ISA (BH09500512), SARA ALI(BH	FATIMA EVENT MANAGEMENT
508	FATIMA JAMEEL AL-QASSAB (BH07501228), MAYSA YOUSIF BU-SNAN (BH07500199), SAKINA ISA AL GHATAM (BH07501343)	02 PUBLIC RELATION COMPANY
509	FATIMA RASHID (BH07501352), GHADA EBRAHIM (BH07500127), KHADIJA MAHMOOD (BH07500125), MASOOMA MANSOOR (BH07500431)	CHOCO CAKE BAKERY
510	ALAN FERAN CORTEZ (BH07500307)	EOR LLC WEB DEVELOPMENT PROJECT
511	AYSHA AHMED ISA RAHMA (BH07500490)	LEEZA MUSIC STORE SYSTEM
512	MARWAN ALI ALSAEEDI (BH07500533), AMMAR	MARWAN ONLINE REGISTRATION
	DAWOOD (BH07500572), MAHMOOD REYADH (BH07500328), KHULOOD ALSAYED (BH07501335)	
513	MOHAMMED ISA ABDULLA (BH07500375), HASSA JAMAL LOURI (BH07500977), ALI AQEEL (BH07500897), AL ANOOD ABDULLA (BH07500234)	UOB BUILDINGS AND MAINTENANCE SYSTEM
514	MANAL AHMED (BH07500353), FATIMA KHALIFA (BH07500423), MARYAM ISA (BH07500928), ZAKARIA EBRAHEAM (BH07501480)	HR PAYROLL SYSTEM FOR JASSIM ALZAYANI COMPANY
515	HUSSAIN ABDULLA (BH07501183), S. MOHSEN ABDULLA (BH07501311), EBRAHIM RASHEED (BH07500312), YOUSIF BALEESA (BH07501411), KHALID JANAHY (BH07501464), NARIMAN A.HAMED (BH07500313)	THE WORK PERMIT PROGRAM
516	JIHAD AHMED ALI (BH07500476), SARA EBSAN REDAH (BH07500284), SHIKAH MOHD AL NAJJAR (BH07500305), ABDULLA ABDUL AZIZ (BH07500632), RAED AHMED JASSIM (BH07500458)	HOSPITAL MANAGEMENT SYSTEM FOR AL JAZEERA MEDICAL CENTER
517	RUQAYA JASSIM AL SAOOD (BH07501271), AMAL GAHZI AL JASSIM (BH07500155)	CUSTOMER SERVICE MANAGEMENT FOR BIN HINDI INFORMATICS
518	MOHAMMED YOUSIF TAQI (BH07500225), SAYED MOHAMMED FAISAL (BH07500801), RASHID A.RAHMAN MOHD (BH07500843), SHAIKHA QASSIM MUBARAK (BH07500475), AHMED KHALID JASSIM (BH07500392)	HERTZ CAR RENTAL SYSTEM

519	ZAINAB ABBAS (BH07500620), MARIAM SYED SHARAF (BH07500074), FATIMA MOHAMMED (BH07500174)	BATELCO STORAGE
520	ZAINAB SAYED KADIM (BH07500757), ZAHRA A.JALIL (BH07500326), ZHARA MAJEED (BH07500325), FATIMA SHAKER (BH07500164)	ARABIAN UNIVERSITY LIBRARY SYSTEM
521	BADER ABDULLA MOHD (BH07500382), KHALID ABDULLA MOHD (BH07500383)	GENERAL TRADING & FOOD PROCESSING COMPANY
522	AHMED SAEED DARWISH, SAFA ABDULLA QAMBAR, ALI HUSSAIN AL BAQSHI, SAHAR ABDULLA ABDUL WAHAB	PRODUCTION AND SHIPPING DATABASE SYSTEM
523	AHMED YAHYA AHMED (BH07501222), SADEQ SALMAN HASSAN (BH07500655), AHMED YOSIF SAYYAR (BH07500082), JASIM MOHAMMED (BH07500762), HUSSAIN MOHAMMED (BH07500512), MOHAMMED MAHDI (BH07500389)	PERFECT TRAVEL AGENCY
524	AHMED ALI ABDULLA (BH07500030), ALI ABDUL HADI ALI (BH07500698), mahmood hassan ali (BH07500616),mohammed radi (BH07500176),	HEALTHY MEDICAL TOOLS SYSTEM
	saed mohammed abbas (BH07500602)	
525	SUHAILA SHNAF ALBUFELASA (BH07500450)	KINGDOM OF BAHRAIN ENVIRONMENTAL SITUATION CONBUTING TO THE GLOBAL WARMING
526	SALEH ABDULLA REDHA (BH07500217), AHMED THANI (BH07500501), HUSSAIN ABDULREDHA (BH07500477), MAJED AL KOOHEJI (BH07500515), MOHAMMED AABDEEN (BH07500787)	AHS HOTEL
527	HUDA A.WAHAB (BH07500609), MARWAN ABDULLA (BH07500570), FATIMA KHALID (BH07500879), HASSAN HAMAD (BH07500374), MOHAMMED JALA (BH07500247), MOHAMED A. ALRASOL (BH07501434)	AL HEDEYA AL KHALIFA SECONDARY SCHOOL GRADING SYSTEM
528	HAWRA MOHD (BH07500064), NAJAT HASSAN (BH07501191), MAHA ABDULLA (BH07500761), MARYAM SALMAN (BH07500662)	ROYAL FASHION SHOP

529	NAJAT ISA ABDULLA (BH07501078), HANAN AL ABBASI (BH07500575), FATIMA AL ABBASI (BH07500576), ZAINAB MOHAMMED (BH07500499), DANA KHALID (BH07500721), FATIMA YOUSIF (BH07500926)	THE KINGDOM UNIVERSITY PR REGISTRATION SYSTEM
530	AHMED HABIB TARADA (BH07500153)	TARADA REAL ESTATE RENTAL SYSTEM
531	MARIAM AL JOWDER (BH07500092), MUNA EBRAHIM (BH07500089), HESSA MOHAMMED (BH07500278), QASSIM HASAN (BH07500856)	ONLINE RESERVATION SYSTEM FOR RITZ CARTON HOTEL
533	ALI HASAN (BH07500404), QASSIM ABDULHUSAIN SALMAN (BH07500406), FAHAD ABDULKARIM MURAD (BH07500020), HANAN MOHAMED ALWADHI (BH06500480), MAHA YOUSIF ABDULLA AL KHAJA (BH07500012), SUHAIB ABDULLA HAMAD ISA ALNAJEM (BH08501066)	SPORT SHOP INVENTORY SYSTEM
546	ZAINAB MAHMOOD ALBARDOOLI (BH06500469), ABDULAZZIZ ABDULHAMEED ALSABBAGH (BH06500812), FADHEELA FADHUL ALNAWAH (BH06501093), MUNEERA SHAHIN (BH06500668)	SMART ONLINE SHOPPING
547	MOHAMED Abbas AL MUTAWA (BH06500365), ISMAIL HASAN (BH05502438), NOORUDDIN ALSADA (BH06500830), MOHAMED YOUSIF (BH06501068)	THE GOLDEN DIAMONDS
548	ABDULLA ISA (BH07500666), ABDULLA AL ANSARI (BH07500200), AMAL THANI (BH07500470), ZAINAB FAWZI (BH07500103), MOHAMMED SAMEER (BH06500765)	BAHRAIN SHOP (ZARA) ONLINE SHOPPING
549	ABDULRAHMAN ADEL AL RIFFAI (BH07501070), YOUSIF AHMED ABDULLA (BH07500137)	JEWELLERY ONLINE SHOPE
550	MOHAMMED JAMAL EBRAHIM (BH07501025), ABDULLA MOHAMMED YOUSIF (BH07500207), ABDULLA AHMED KHALIL (BH07501289)	ONLINE RESTAURANT
551	AHMED MOHD AHMED (BH07500708), MOHD ABDULLA MATTAR (BH06500067), ISSA HAMAD (BH07501421), ZAINA AZZULDDIN (BH06501140)	ONLINE ACCOUNT CHECKING SYSTEM FOR FABULOUS RENTAL COMPANY
552	ZAKEYA ALAWI AL HULAIBI (BH06500629), AMEERA A.MAJEED HAMMAD (BH05502517)	DESIGN AND DEVELOPMENT OF SOFTWARE MANAGEMENT SYSTEM FOR BAHRAIN

		MEDICAL HEALTH CENTER
553	NOORA EBRAHIM (BH06500027), FAHAD ABDULRAHIM (BH06501077), ABDULLA ATEYA (BH05501939), NOORA ALI (BH05501084)	MANAGEMENT SYSTEM DEVELOPMENT FOR BAHRAIN DREAM SHOW PRODUCTIONS
554	MOHD RADHI A.MOHSEN (BH07500927), MOHD JASSIM ALTHAWADI (BH07500973), ALAWI S. MUSTAFA S.JAFFAR (BH07500709), S. SAEED MOHD ABDULLA (BH07500556), MOH'D SADEQ SAEED (BH07501068)	HEALTH MEDICAL EQUIPMENT CENTER SYSTEM
555	KHADIJA MOOSA ABDULLA (BH07500794)	WILSON'S LIBRARY
556	A. AZIZ ALALAWI (BH08500384), ALI ABBAS (BH07501140), AHMED YASSER (BH07500573), MAHMOOD ALBALOOSHI (BH07500624), ALI HAJI (BH06500093)	VIDEO GAMES
557	ZAINAB KHALIL ALI AL TURABI (BH07501341), SUMAYA AKBARI (BH07501096), FATIMA ABDULHAMEED DAIIRI (BH07501415), FATIMA YOUSIF AHMED (BH07500042), HASAN MOHSEN (BH07500073), ZAHRA JAHRAMI (BH07501554)	TOPSHOP FASHION
558	ZAHERA ABDULRASOOL (BH07500067), HAYAT ABDULLA (BH07501428), LEENA ABDULLA (BH07501365), ZAHRAN HASSAN (BH07501325), MOHAMMED HASSAN (BH07501404)	CHOPA CHOPS BAKERY
559	MOHAMED ABDULLA SEYADI (BH07501399), YASSER A.MAJED (BH07501123), MOHAMMED ABDAZIZ (BH08500014), MOHAMED RASHID (BH07500227), AHMED YOUSIF (BH07501136)	ALGHAWI BOOK STORE
560	SALAH SHAMSI (BH07501073), KHALID FATHALLA (BH07501074), NAJIM MOHAMED (BH07500245), MOHAMED ABDULLA (BH07500411)	AL NOOR ADMINISTRATION STAFF RECORD SYSTEM
561	LATIFA SALAH ALSADA (BH07500080), FATMA A.AZIZ ALMEHZA (BH07500320)	ROYAL RESTAURANT ONLINE RESERVATION SYSTEM

562	EMAN HASSAN ISA (BH07501166), ZAINAB ABBAS HASSAN (BH07500606), SHEREEN JAWAD ABBAS (BH07500002), S JAFFER ABBAS AL ALAWI (BH07500347), MAHMOOD MOHAMMAD ALI (BH07500560)	HYPERMARKET SYSTEM
563	MUSTAFA SANAD (BH07500467), MOHAMMED AWADH (BH07501170), ASMA MOHAMMED (BH06500772), HAWRA ALHINDI (BH07501353), EMAN ARYAN (BH06500727)	HOTROD
564	NOORA MUKHTAR ALMAHMEED (BH07500469), ZAHRA ALI ABBAS (BH07500691), AMINA SIDDIQ MATTAR (BH07500350), MOHAMMED EBRAHEM BUZAID (BH07500581), RASHED BOKAMAL (BH07500583)	E-INTERNATIONAL HOSPITAL
565	AMINA HUSSAIN (BH07500005), FATIMA MOHSIN (BH07500046), SARA HUSSAIN (BH07500011), FATIMA SAYED (BH07500134)	EXTREME TOUR GUIDE COMPANY
566	MANAR ATEYA (BH07500531), HISHAM MOHAMED (BH07501053), FATIMA YOUSIF (BH07500039), ALI ABDULHAMEED (BH07500796)	ROYAL FASHION SHOP
567	OMAR AHMED AL MULLA (BH07501565), MOHAMMED JASSIM SEYADI (BH07500031), YOUSIF ISMAEEL ALHADDAD (BH07500112), A.RAHMAN RASHED AL BANKI (BH07500678), LAYLA HAIDER MOHAMMED (BH07500703), ZAINAB A.ALHADI (BH07500622)	ONLINE BOOK STORE
568	FATIMA MOHD AJAJ (BH07500999), MARWA KHALID BU SHLAIBI (BH07500684), SHAIKHA YOUSIF SAFAR (BH07501359), HASSAN JAMEEL (BH07500487), ALAA MUBARAK (BH07501358), EBRAHIM ABDULLAH SULTAN (BH07500232)	SO SWEET
569	SARA KHALID EBRAHIM (BH07501090), ASMA MOHAMMED ALQAOOD (BH07501433), ALI HASSAN GHULOOM (BH07500252)	AL HEDAYA AL KHALIFA SECONDARY SCHOOL GRADING SYSTEM
570	MOHAMMED ABDULLA (BH07500213), AHMED GINGER (BH07501167), KHALID YOUSUF (BH07500413), MOHAMMED ALI (BH05501578)	DREAMS ONLINE CAR RENTAL

571	HUSSAIN MOHD ABBAS (BH07500986), ANJOE MANCIA (BH075003144), ZAINAB ABD ALMEER (BH07501237), HAMEEDA AL MAHARY (BH07500291), ALI ADEL HASSAN (BH06500803)	PRODUCTION AND SHIPPING DATABASE SYSTEM
572	YOUNIS NASEER AHMED (BH07501015), HAMAD YOUSIF AL MULLA (BH07501171), ALI ABDULLA ALI (BH07501213), MAHMOOD YOUSIF (BH07500233), MOHAMMED JAMAL (07500979)	AL SHERA CAR AUTO ACCESSORIES & KEY MAKERS ONLINE SELLING
573	ADNAN AFZAL ALI (BH06501106), HUSSAIN ISA ABDULLA (BH07500111), HUSSAIN ALI HASSAN (BH05502390), MAHMOOD NABEEL (BH06500790)	DESIGN AND DEVELOPMENT OF WEBSITE FOR AMA ONLINE REGISTRATION SYSTEM
574	KHADIJA HUSSAIN (BH08500204), NOORA MOHAMMED AL ALAWI (BH08500166), FATIMA JAWAD ALMESHAL (BH08500587), HUSSAIN MOHAMMED ALI (BH07500319)	DELMON UNIVERSITY REGISTRATION SYSTEM
575	AHMED REYADH AHMED (BH06500515), ZAINAB	FLIPPING BOOK
	ABEL RAHMA (BH07500716), ZAINAB AL-AWADHI (BH06500627), HUSSAIN A.NABI MOOSA (BH07500193), HUSSAIN ISA ALI (BH07500088)	
576	ALI HASSAN AL HASSAN (BH07500109), HASSAN MOHD (BH07500670), ABBAS ABDUL SHAHEED (BH05500630), AHMED ISA MAKI (BH07501295)	FLEXI EVENT MANAGEMENT CO. (FEMCO)
586	TARIQ EBRAHIM ABDULLA GHALI (BH06500688), MASOOMA MOHAMMED ALSHAIKH (BH06501104), TURKI HAMAD ALZAYANI (BH06500825), DEENA NAJIB HUJRIS (BH06500181), LATIFA EBRAHIM MOHAMMED (BH05502549), MAY YOUSIF HASSAN (BH06500688), JASSIM SALMAN ABDULRAHMAN (BH05501917)	AGILITY BAHRAIN SYSTEM
587	Hesham Essa Hassan (BH06500979), Jalal Mahamemed AlArryedh (BH06500373), Khalid Nasser (BH06500485), Marwa Mahmood (BH06500632), Muhanned Al Shyookl	MEXICAN SUPER MARKET

	(BH06500701), Ahmed Al Gannas (BH06500984)	
588	Ahmed Ali Al-Hujairi (BH06500033), Hassan Al- Tabbal (BH06500842), Mohammed Naser (BH06500091), Yasser Yousif (BH06500964), Salman Ahmed (BH065000541)	BULL AND BEAR
589	Rashed mohamed Alshomeli, Abdulla Hamad Al- Manaseer, Yousif Yaqoob, Hamad Al dosseri, Hamad Al Sadoon, Ali Hussain Saeed Al Radi, Abdulla Mohammed	SYSTEM OF SAR CINEMA DEVELOPMENT ONLINE
589	RASHED MOHAMED AL SHOMELI (BH05501456), ABDULLA HAMAD AL MANASEER (BH06501130), YOUSIF YAQOOB YOUSIF (BH06500325), HAMAD AL DOSSERI (BH06500320), HAMAD AL SADOON, ALI HUSSAIN SAEED RADI (BH07501021), ABDULLA MOHAMMED ABDULLA (BH05500583)	SYSTEM OF SAR CINEMA DEVELOPMENT ONLINE
590	Mohammed Jassim Mustafa (BH07500623), Ali Zakareya Sh.Isa (BH07500673), Ahmed Jawad Ahmed (BH07501048), Ahmed Daij Al Kaabi (BH07500984), S. Ebrahem Mohammed (BH06500516), Khalif fulad (BH05501511)	ONLINE BAHRAIN CAR RENTAL
591	MUNEERA NAJEM (BH07501361), NOOF ALMANSOORI (BH07501362), FATIMA AHMED (BH07500179), BASSIMA MOHAMMED (BH07500509), AMAL A. HAMEED (BH07500543)	ISA TOWN LIBRARY DATABASE SYSTEM
592	Faisal Abdulla (BH07500131), Abdulla AlKhan (BH07500539), Mubarak AlDosseri (BH07500994), Sayed Mahmood (BH07500886)	MANAGEMENT SYSTEM OF AL HEKMA INTERNATIONAL SCHOOL
593	NAEEMA AL AWADHI (BU07501188), FATIMA AHMED (BH07500852), MOHSIN AL SAMHIJI	MANAGEMENT SYSTEM OF ALBA BAHRAIN
	(BH07500454), SAKEENA ABDULAZIZ (BH07500253), MARYAM SAMEER (BH07501373), WAFA IBRAHIM (BH07501249)	
594	MOHAMMED NADHEM (BH08500302), SUHAIL SHARMA (BH08501063), HUSSAIN ALI HUSSAIN (BH07501273)	A GYM MAINTENANCE SYSTEM

595	NAJEEBA KHALID ABDULLA (BH08500508), ZAINAB JAAFER ALI (BH08500428), MUNA A.AZIZ ALI (BH08500189), ALJAZI ALI SALEH (BH05501406)	A HEALTH MEDICAL EQUIPMENT CENTER SYSTEM
596	NAEEMA, AL AWADHI, FATIMA AHMED, MOHSIN AL SAMAHJI, SAKEENA ABDULAZIZ, MARYAM SAMEER, WAFA EBRAHIM	A SOFTWARE ENGINEERING PROJECT
597	SAYED BADER HASHIM ALAWI (BH07501182), MAHMOOD MOHSEN ALSFOOR (BH07500317)	ABM REGISTRATION SYSTEM
599	ALAWI AL ALAWI (BH	AL ALAWI PERFORMANCE
600	MOHAMMED ISA AMRALLA (BH07500396), LAYLA HASAN (BH07500119)	AMA UNIVERSITY ONLINE REGISTRATION
601	HUSSAIN AQEEL ALI (BH08500502), HUSSAIN ABD AL MAJEED (BH08500004), ALI KHALIL (BH08500675) , AHMED ALHAIKI (BH08500360)	HOTEL MANAGEMENT SYSTEM
602	AMEENA HABIB (BH07500743)	BAHRAIN ATOMIZER DATABASE
603	SAYED ALI HASSAN JAWAD (BH06501030), S. MOHAMED JAFFAR (BH06500892), ALI ABDULLA HASSAN (BH06501103), HUSSAIN ABBAS HUSSAIN (BH06501100), AHMED JAMEEL (BH06501125)	BAHRAIN PRIVATE SCHOOL
605	PHOEBE MAY ALVIAR , IRISH GEORGETTE DIZON, ALLYANAH M. HAMZA, LIEZL JANE R. RIGUNAY, ARNELYN B.SAUNDERS	ELITE CAR RENTAL ONLINE PAYMENT SYSTEM
606	ALANOOD ADEL (BH07501528), AISHA EBRAHIM (BH07501380) , FATIMA NASSER (BH0750176), MARIAM FALAMRZI (BH07501585), NAWAL NABEEL (BH07501265)	ENHANCED LIBRARY SYSTEM FOR ABC LIBRARY SYSTEM
607	Rashed mohamed Alshomeli, Abdulla Hamad Al-Manaseer, Yousif Yaqoob, Hamad Al dosseri, Hamad Al Sadoon, Ali Hussain Saeed Al Radi, Abdulla Mohammed	ISA TOWN LIBRARY DATABASE SYSTEM
608	ALI YOUNIS ALI AL TAMIMI (BH07500820), RASHED A.LATIF AL AMEER (BH07500789), ABDULLAH ADEL AL JABER (BH07500766), ZAINAB ADEL AL JABER (BH07501231) , AHMED SALEH AL HAIDARI (BH07500815)	LA CASA RESTRAURANT
609	FAISAL ABDULLA, ABDULLA ALKHAN, MUBARAK AL DOSSERI, SAYED MAHMOOD	MANAGEMENT SYSTEM OF AL HEKMA INTERNATIONAL SCHOOL

610	HESHAM ESSA HASSAN, JALAL MOHAMMED ALRAYEDH, KHLAID NASSER, MARWA MAHMOOD, MUHANNED AL SHYOOKI, HAMED ALGANNAS	MEXICAN SUPER MARKET
611	MOHAMMED JASSIM MUSTAFA, ALI ZAKAREYA SH ISA, AHMED JAWAD AHMED, AHMED DAIJ AL KAABI, S EBRAHEM MOHAMMED, KHALID FULAD	ONLINE CAR RENTAL
612	ABDULELAH ALMUSAWI (BH08500949), MOHAMMED ALI (BH07500675), HASSAN ALI (BH07500086), HASSAN MAHMOOD (BH07500462), YAQOOB ABDULLAH (BH07500517)	PICK YOUR BOOK COM
613	KHALID YOUSIF MOHAMMED (BH08500319), ABBAS FADHEL HASSAN (BH08500469), ANWAR MOHAMMED ALI (BH08500756), MOHAMMED MOOSA HAMMAD (BH08500276), FATIMA ABDULKARIM FAKHRAWI (BH07500936)	PLANET ONLINE COM
614	A.AZIZ ADEL BINHINDI (BH08500705), ALI AHMED ABLUFLASA (BH08500707), AFRA AHMED ABLUFLASA (BH08500696), FATIMA FAROOQ FUTHALA (BH07501253)	ROYAL GIFTS SHOP
615	KHULOOD ALSALMAN (BH08501070), FATIMA ADEL (BH08500610), TUFOOF MURTADA (BH08500097), ZAHRA HUSSAIN (BH07501334)	STAFF AND PATIENT MANAGEMENT SYSTEM FOR AL AMAL HOSPITAL SOFTWARE ENGINEERING PROJECT
617	AMANI ABD UL MAJEED ALI (BH07501591)	TOPSHOP FASHION
618	NOORA AREF ALMAHMEED (BH07500211), MARYAM EBRAHIM ALAWADHI (BH07500212), HANEEN ALI JANAIIDI (BH07500878)	VENDOR MANAGEMENT SYSTEM FOR FROYO FROZEN YOGURT
619	HISHAM ISA ALEID (BH07501529), AMMAR YOUSIF MOHD (BH07501094)	VIDEO GAMES

### Bachelor of Science in Business Informatics List of Thesis SY 2011-2012

Accession Number	Student Name	Thesis Title
604	FATIMA A. NABI ALTAITOON (BH08500948), ZAINAB EBRAHIM (BH07501298), FATIMA ISA YAQOOB (BH07501217)	APPOINTMENT SYSTEM FOR E.K. KANOO COMPANY

666	AHMED RASHID ALANSARI (BH08500473), NAHEED MOHD ALMUTAWA (BH08500472), ALI REYADH ALI (BH08500396)	ALBA CLUB
667	FATIMA EBRAHIM ABDULLAH (BH08500236), RABAB SAEED AHMED (BH0500237)	AL MADWIB KITCHEN & RESTAURANT
668	MONA EBRAHIM MOHD (BH07501024), HIND SULTAN MABOOB (BH07501012)	NEW WAY INTERNATIONAL COMPANY
669	HUSSAIN ALI AHMED (BH07501453), MOHAMMED MANSOOR (BH07501083), AHMED ABBAS KHALIL (BH07500827), SAYED KHADIM RADHI (BH08500922)	EWA HOTEL APARTMENT
670	FATIMA ALNOAIMI (BH07501375), DALAL YOUSIF (BH07501382), NASREEN HASHIM (BH07501416), SOFIA EBRAHIM (BH07501374), FATIMA NAJEEB (BH07500982)	HUMAN RESOURCE MANAGEMENT SYSTEM PROFILE BEAUTY SALON
671	AHMED ABDULLA (BH07501185), ABDULRAHMAN RASHED (BH07501501), MOHAMED ABDULRAHMAN (BH07500772), HUSSAM ALAA (BH07500593)	BAHRAIN KUWAIT INSURANCE COMPUTERIZATION OF THE PAYMENT
672	KHALIFA EBRAHIM (BH08500682), MUDHAFFER MERZA SAIF (BH07500868), ABDULLA ALKAAB (BH07501069), AHMED JAWAD (BH08500921), HUSSAIN FAISAL (BH08500916)	DIGITAL LIBRARY SYSTEM
673	YASSER EBRAHIM (BH08500798), AHMED ALI ALAALI (BH08501007), MAHMOOD AL GHAFFAR (BH08500868), HAMAD KHALIFA (BH07500732)	AUTO PERFORMANCE SPARE PART SHOP
674	EMAN FOUAD AL MARZOOQ (BH08500776), HUSSAIN KHALIL BAQER (BH08500785), RABAB MOHAMMED SADIQ (BH07500066), FATIMA ALI	MANAGEMENT SYSTEM FOR ALBA BAHRAIN
	ALHAFEETH (BH08500567), HASSAN ALI (BH07500376)	

675	FAEZA AHMED (BH08500551), SUAD MOHAMMED (BH08500890), TAHANI A. RAHMAN (BH08500596), NOOF AREF (BH08501239), HUDA SAAD (BH08500118)	AL AHLI SPORTS CLUB
676	AMINA SABT ABDULRAHMAN (BH07500654), MONA MAHMOOD (BH07501386), WADEEAH HABIB ABDULLAH (BH08501127), ZAINAB GHAZI AL HADDAD (BH07500345), ZAINAB ZAID (BH07501030)	ALDANA CINEMA DEVELOPMENT :AN ENCHANCED TICKETING AND RESERVATION SYSTEM
677	FATIMA HASSAN ABDULLA (BH08501155), FATIMA HASSAN ISA (BH08501088), HANAN SAEED MARHOON (BH07500741), FTIMA SAYED HAIDER (BH08500886), RAWAFED ABDUL NABI (BH08500142), AHMED SADEQ HAMEED (BH08500289)	FASA REGISTRATIONS SYSTEM
678	ALI KHALID (BH05800123), MOHAMMED ALI (BH07501092), MOHAMMED NABIL (BH06500994), AHMED ALI (BH07500342)	DESIGN AND DEVELOPMENT OF WEBSITE FOR MELODIES CAFÉ
679	MARWA AHMED ABDULNOOR (BH08500061), MANAR YOUSIF AL JASSIM (BH08500780), ASMA AMMAR RADHI (BH08501286), ARWA ABDULREADHA ALMADHI (BH08500459), ZAINAB SALEH MAHDI KHALF (BH07501004)	AMA TECHNICAL LIBRARY
680	ABDULRAHMAN MAHMOOD SHARIDA (BH08500882)	CUSTOMER COMPLAINT RECORD (CCR)
681	MOHAMMED HASAN DARWISH (BH07500597)	PLANET ONLINE
682	HUSSAIN ALI AHMED (BH08500684), MOHAMMED AHMED MANSOOR (BH08500738), ABDULWAHED ALOMARI (BH08500709)	BAHRAIN AUTO MALL
683	ALI A. SAMADJANAH (BH07500802), MOHAMMED A. JALIL (BH07500445), ABDULLA ALMALOOD (BH07500214), MISHAL BUALI (BH08500092), MOHAMMED SULTAN (BH07501126)	BOOKSTORE REGISTRATION AND ORDERING SYSTEM

685	YOUNIS HASSA (BH07500875), ALI A MAJEED (BH07501049), SAYED HASAN ADNAN (BH07501332), ALI MOHD ALI (BH07500264)	ROYAL FASHION SHOP
686	FATIMA A. JALIL MOHD BAQI (BH07500525)	NEXT ONLINE SYSTEM
687	AALA'A ADNAN ALJAR (BH08500104), FATIMA MOHD ALNAJAR (BH07501130),	SWEETY TWEETY REGISTRATION AND ORDERING SYSTEM
	LAYLA AKBAR (BH07501216), KHULOOD HASSAN (BH08500143), ZAINAB HABIB (BH08501058)	
688	HUDA ISA ALI AL MUTAWAJ (BH07501310), HUSSAIN ALIHASSAN A; AALI (BH07500870)	INFOLAND COMPUTER INVENTORY MANAGEMENT SYSTEM
691	RABAB ISA SALEH (BH07501541), FAJER KHALID (BH07500105), NAJLA A. WAHAB (BH07501208), NADER JAAFAR (BH06500967), GHAZI MADHI (BH08500969)	DESIGN & DEVELOPMENT OF LIBRARY MANAGEMENT SYSTEM
692	LAYLE ALI (BH07501293), HAMAD ALI (BH07501225), FATIMA JAMAL (BH08501087), BASMA JAMAL (BH07500998), FATIMA MOHAMED (BH07501417)	AL ZAIN JEWELLERY
693	BADRIA SULTAN (BH08500605), BASMA A. HAMEED (BH07501431), ABDULLA OWN (BH06500774), FATIMA EBRAHIM (BH07501085), FATIMA AHMED (BH08500393), FATIMA SAAD (BH08500616), FATIMA BUZABON (BH08500624)	DESIGN AND DEVELOPMENT OF WEBSITE FOR EMPIRES CAFÉ
694	MUNA EBRAHIM AJLAN (BH08500671), MARIAM YOUSIF SALMAN (BH08500967), SALMA DARWISH ALBARDI (BH07501230), ABDULLA SAAD ZAID (BH08500125), FATIMA SALAH ALJAHMA (BH08500021), MOOZA SAUD ALRUMAHI (BH08500023)	H & M ONLINE (ONLINE ORDERING SYSTEM)
695	EMAN KHALID AJJAR (BH07501548), KHAWLA OTHMAN AL OTHMAN (BH07501575)	VITTEL CHOCOLATES SHOP AT CITY CENTER
696	AMEERA AL KHUZAEI (BH07500330), S. MAHMOOD ALAWI (BH07500163)	ABM REGISTRATION SYSTEM (MOVIE MAGIC)

697	FAROOQ ABDUL AZIZ (BH05500589), HAMAD FAISAL (BH07501450), ABDUL AZIZ YOUSIF ALSHOMELI (BH07501414), HAMAD EBRAHIM ALSHAMSI (BH08500928), MARWAN MOHAMMED ALJOWDER (BH07501060), ALI SALEH MOHSEN (BH08500714)	AL AHLIA UNIVERSITY STUDENT ENROLLMENT SYSTEM
698	MARIAM JASSIM AL MUKHADDABI, (BH07501018) DALAL AZIZ ALBANNA (BH07501120), HISSA MOHAMMED YOUSIF (BH08500245), FATIMA SALAH AL KOOHJE (BH0751396), HESA ALI AL KHASHRAM (BH08500499)	CAR RENTAL RESERVATION BY PERFECT CAR
699	ADEL H. MANDEEL (BH06500334)	INTELLIGENT SCHEDULE MANAGEMENT SYSTEM
702	FATIMA AHMED YOUSEF, MAHA MAHMOOD ALSAEED, MANAR AHMED YOUSEF, MAHA EBRAHIM MOHAMMED, ZAHRA S. MOHD LATIFI	SOUTHERN TOURISM COMPANY ONLINE RESERVATION SYSTEM
703	REEM SULTAN EBRAHIM, AYSHA MOHAMMED, DANA MOHAMMED	DELMON RESTAURANT ONLINE RESERVATION SYSTEM
721	MOHAMED SUBAH (BH07501019), BADER JASSIM BUQAIIS (BH07500485)	PICK YOUR BOOK COM
722	AHMED AMEEN QASSIM (BH07501317), ABDULRHMAN EBRAHIM MATTAR (BH08500170), ABDULAZZIZ EBRAHIM MATTAR (BH08500168), MOHAMMED SALIH BUSHAGER (BH08500042), SAWSAN AHMANDANI (BH05502216)	WORK PERMIT PROGRAM AND ATTENDANCE SYSTEM
723	AMEENA FAREED HASSANI (BH08501238), ABRAR ABDULLA SAYYAR (BH08501032), LAYLA YASEEN SAYYED (BH08500538), LOWA YOSIF ALGATAN (BH08500031), MARYAM MOHAMED AMED (BH08500550), RANA A. ALI ABDULLA (BH08500764)	AL MOAYYED TRADING AND CONTRACTING COMPANY
724	ZAINAB KHALIL ALWADI (bh08501290), ZAINAB JAFAR ALSARHANI (bh08500406), FATIMA S. JAMEEL (BH08500758), HAJER KHALIQ A. RAHMAN (BH08500528), YOSRA KHALIL (BH08500285)	SALE PERFUME ONLINE

725	MUNEERA AHMED (BH08500186),KAWTHER S. BAQER (BH08500535)	MUHARRAQ SPORT CLUB
726	NADER MOHD ALI LUTFALLA (BH08501590), DOAA EBRAHIM MOHAMMED BARAKT (BH08500033)	ND TOPFASHION
727	ZAINAB MOHAMMED HASSAN (BH08500440),DUAH MOHAMED HASSAN (BH08500611),FATIMA ABDULLA ALMURBATIE (BH08500833), FATIMA EBRAHIM HAMMAD (BH07500340)	ISA TOWN LIBRARY DATABASE SYSTEM
728	SIDDIQA ALAWI AL ALAWI (BH08501115)	HUMAN RESOURCES MANAGEMENT IN MONTREAL CARS COMPANY
729	HAWRA EBRAHIM AL TOUQ (No Student ID)	AL RADHWAN BOOKSHOP
730	MOHAMMED AHMED A.RAHMAN (BH08500513),MOHAMMED MERZA (BH08501447),ABDULLA ADAM (BH08501450),S.MUSTAFA ALI (BH08500807)	SAAR CINEMA TICKETING SYSTEM
731	SARAH YOUSIF HUSSAIN (BH08500452),	ONLINE RESERVATION SYSTEM ROYAL BAHRAIN
	NOOR HUSSAIN AL JAMRI (BH08500569)	HOSPITAL
732	MARIAM HASSAN MOHAMMAD (BH08500355)	VARY INVESTMENT & CONSULTATION (OFFICE TOOLS SYSTEM)
733	MOHAMED RADHI ABBAS (BH07501556), SHAKER HUSSAIN AHMED (BH07501001),MOHAMMED ABD ALI SALEM (BH07500461)	SUPERMARKET INVENTORY SYSTEM
734	HANAN AHMED HASSAN (No Student ID)	KING HAMAD HOSPITAL APPOINTMENT SYSTEM
735	HASSAN ALI HASSAN (BH08500687),HUSSAIN EBRAHIM KHALIL (BH08500688)	SYED JUNAID ALAM HUMAN RESOURCE SYSTEM
736	DANA MAHMOD SHUBBAR (BH08500248), FATIMA FAISAL ABDULHAMEED (BH08500187),FATIMA HABIB ZAYERI (BH08500515)	JASHANMAL ONLINE SEARCH ENGINE

737	HUSSAIN ALI NAJAF (BH07500184), MOHAMME DATTIYA AL KUWAITI (BH07500538), MARIAM MOHAMMED HEJRES (BH08501044)	ONLINE SYSTEM FOR AUTO PARTS CAR SERVICES
738	MARYLOU S.DELOS SANTOS (BH08500349), ALI YOUSIF AHMED (BH08500873), CAROLEEN S. TOTING (BH08500436),JESSENMAR V.PACOMA (BH08500991)	ORDERING SYSTEM ONLINE FOR MACDONALD'S IN THE KINGDOM OF BAHRAIN
739	BATOOL MOHAMMED (BH08500914), SAWSAN ISA ALI (BH08500328)	ONLINE SHOPPING SYSTEM
740	LAYLA ABDULLA A. HUSSAIN (BH08500429), LAYLA HASSAN ALI (BH08500871), FATIMA AHMED (BH08500141),SHAMAEEL FAISAL (BH08500338), HUSSAIN BUHAMOOD (BH08501089)	LIBRARY MANAGEMENT SYSTEM
741	MARWA YOUSIF (BH08500335), MARIAM ALI (BH08500336), ZAHRA HUSSAIN ALA ALI (BH08500886).AZIZ MOTEA (BH08500809), HANA ABDULLA (BH08500353)	ONLINE RESERVATION SYSTEM FOR CINEMA
742	ALI HUSSAIN JAHARAMI (BH08500630), ALI HABIB ABDULLA (BH08500063), ABBAS FADHEL ABBAS (BH08500225), MOHAMMED ABDUL AHAD (BH08500431), ISA ALI ALBUAINAIN (BH08500855)	BAHRAIN BOOKSHOP
743	REEM AHMED (BH08501121), LUBNA ABDULQADER (BH08500215),ENTESAR MOHAMMED (BH08500089), EMAN HAMAD (BH08501444)	GULF AIR ONLINE RESERVATION SYSTEM
744	AMINA MOHAMMED ALNASHWAN (BH08500218), NAJWA TALAL AHMED (BH08500471), FATIMA ALI ALNAJAM (BH07501447), LULWA A.RAHMAN ALRUMAIHI (BH08500839), YUSRA ABDULLA ALI (BH09500398), NEDHAL TURK (BH09500311)	HOSPITAL MANAGEMENT SYSTEM

745	ESSA ALI ALJALAHMA (BH07501034), AHMED JASSIM (BH08500863), ALI HASSAN ALI (BH08500460), FAISAL FAHEEM ALSAAD (BH08500762)	BAHRAIN AUTOMOBILE WEBSITE
746	HUSSAIN FAISAL SHABIB (BH08501006), ABBAS MOOSA JASSIM (BH08500905), MAHMOOD MOHAMED A.AZIZ (BH08500786), ALI ABDUL AZIZ SALMAN (BH08500279)	SMART CARDS FOR RENT A CAR MANAGEMENT SYSTEM
747	MOHAMED MERZA ALHADDAD (BH08500636), MOHSEN HASAN (BH06500479), ENAS ISMAIL (BH08501050), ANGIE QANDEEL (BH08500292), SALLY QUSAIBANI (BH08500375), MAHMMOD A.HUSSAIN (BH08500098), JAWD A.NABI (BH08500494)	AWALI LIBRARY MANAGEMENT SYSTEM
748	HESSA KHALIFA KHALFAN (BH08501367), DANA KHALIFA KHALFAN (BH08501004), MARIAM AHMED ALAMER (BH08500573)	FAST & FURIOUS CAR SERVICES
749	NAJEEB S. JALAL (BH08500729), MOHAMMED S.JALAL (BH09500097), YOUSIF ABDULLA (BH08500829), FATIMA EBRAHIM (BH08501244), NASSER YOUNIS JANAHI (BH08500887), FARES KHALID (BH08500766)	ZAMIL AIR CONDITIONING (ZAC)
750	EMAN YOUSIF (BH08500815), SAYED REDHA ALI (BH08500531), ABBAS MOHAMED (BH08500301), MOHAMMED MAKI (BH08500407), MOHAMED NASR (BH08500888)	FUTURE PC
751	MASOOD MAJEED (BH07500351)	PICK YOUR BOOK COM
752	FATIMA YOUSIF (BH08500505), FATIMA ISA (BH08500457), FATIMA SAEED (BH08500518)	MARRI CHOCOLATE
753	ADNAN SADIQ ALJAMRI (BH08500054), S.AHMED S.ADNAN (BH08500543)	GREEN STREET HOLIGAN SPORT CENTRE
754	MASOOMA SUHAIR ISA (BH08501366), ZAHRA JAMEEL ALI (BH07501393), ALAA HASSAN KHALFAN (BH08500222)	SAFA BEAUTY SALON
755	KAWTHER HASSAN (BH08500153), FATIMA ALI (BH08500082), HAWRA	KING HAMAD GENERAL HOSPITAL

	ABDULLA (BH08500078), A.HAMEED RAJIB (BH07500063), ALI MURTHADA (BH06500086)	
756	ZAHRA MOHSEN ZALBAR (BH08500150), MONA TAHAR AHMED (BH08500617), ABDULLA NASSER (BH07500186), SAYED HADI HABIB (BH08500772), MAITHAM JAMEEL (BH08500660), MOHAMMED JASSIM (BH08500861)	BAHRAIN AUTO MALL
757	ALAA FAHAD AL MUKHARRIQ (BH08500382), AMEERA KHALIL DARWISH (BH08500721), AYAT ALI TARRADAH (BH08500722), ISA MANSOOR ISA (BH07501173), EMAN SHAKER ALMAHOOZI (BH07500001), HUSSAIN ADEL ALMUKHARRIQ (BH07501531)	MANAGEMENT SYSTEM FOR THE RAMSIS ENGINEERING IN THE KINGDOM OF BAHRAIN
758	SAYED MOHAMMED ADNAN (BH08500555), SAYED HASSAN MADMOOD (BH08500251), SALMAN EID (BH08501347), MOHAMMED EBRAHIM MOHAMMED (BH07501552)	JIDHAFS PUBLIC LIBRARY
759	YASMEEN ALI MAKI (BH08500209)	DENTAL CLINIC DATABASE SYSTEM
760	HAITHAM EBRAHIM (BH08500486), HUSSAM HAMED (BH06500466)	DIGITAL MENU
761	OSAMA EBRAHIM (BH08500169), HIND NABEEL (BH08501285), ABEER KHALID (BH08500680), SHARIFA ALZAYANI (BH08501067), AHMED GHAZI (BH08500849)	FERRARI CAR AUTO ACCESSORIES & KEY MAKERS ONLINE SELLING
762	HADI MOHAMMED ALI TAKER (BH07501350), MAHMOOD MOHAMMED ALMOSALI (BH07500809), YOUSIF BUKAMAL (BH08500951), ALI ABDULNABI (BH07501355), EBRAHIM YAQOOB (BH08500113)	BAHRAIN PHARMACY INVENTORY SYSTEM FOR MEDICAL EQUIPMENT
763	KHALID NASSER (BH08500044), AHMED NASSER (BH08500385), MAHMOOD NEMATALLA (BH07501572), AFAF A.AMIR (BH09500501)	ASU ONLINE REGISTRATION SYSTEM

764	SALMAN MUBARAK AL SUBAIE (BH08500376), MOHAMMED ABDUL RIDHA (BH08500030), AHMED YOUSIF NEMA (BH08500917), AHMED MOHAMMED (BH08500269) ,ALI ABDUL RASOOL (BH07501454), HAMAD NABEAL SAYYAR (BH08500828)	DVD SHOP
765	RANIA AHMED QASSIM (BH07501443), FATIMA MOHD SALEH (BH07501422), FAJER YOUSIF ALNOAIM (BH07501056), YOUSIF SALAMI (BH08500397)	DEBT COLLECTION
766	NOUFA SALEM (BH08501402), HESSA SULTAN (BH08500597), NOOR ISMAIL (BH08500777)	MARAHEEB MUSIC STORE
767	AHMED MOHAMMED AL KOOHEJI (BH08500867) , ALI AHMED ALSINDI (BH07500895)	HYPERMARKET SYSTEM
768	ABDULLA YAYHA ABDULLA (BH08500072), NOORA SALMAN A RAHMAN (BH07501389), KHALIFA AHMED KHALIFA (BH08500293), HASSAN NASSER HASSAN (BH07501202), KHALID ABDULLA EBRAHIM (BH07501203)	ELITE HEALTH CLUB REGISTRATION SYSTEM
769	NAEEMA JAMAL ABDULLA (BH07500600), NOORA ESSA (BH07501364)	MINISTRY OF EDUCATION MANAGEMENT SYSTEM
770	ALI A RASOOL (BH08500812), HUSSAIN ABED HASSAN (BH08500430), AHMED MOHAMMED HAMADA (BH08500487), HUSSAIN A. RASOOL (BH08500339), MOHAMMED SANAD (BH08501383), ISHAQ RAHMAN ABDULLA (BH07500243)	AMA UNIVERSTY STUDENT ENROLLMENT SYSTEM
771	NOORA KHLAID SHARIF (BH08501616), FATEN SALAH ALKHAJA (BH08500906), SARAH MOHAMMED AL BASTAKI (BH08501119)	ST. CHRISTOPHER MANAGEMENT SYSTEM
772	ALI HUSSAIN (BH08500298), SALEH AQEEL (BH08500754), AHMED HUSSAIN (BH08500296), JASSIM ALI (BH08500045), MESHARI MOHAMMED (BH08500025), FAROOQ A. JALIL (BH08500643), ABDULLA YOUSIF (BH08501258), HUSSIAN AL DOSERI (BH07500993),	HUMAN RESOURCES MANAGEMENT SYSTEM

	EMAN ABDULRAHMAN (BH08500964), MOHAMMED KHALID (BH08501263)	
773	MARYAM EBRAHIM (BH08501031), MARYAM ALI ALI (BH08500670)	THARA LIBRARY DATABASE SYSTEM
774	EMAN ISMAIL HAJI (BH08500419), MAHMOOD SADIQ AL SAMAHIFI (BH08500564), FATIMA AMAN (BH05502470), HUSSAIN ALI (BH07500307)	HOME STORE DECORATION SYSTEM
775	ESSRA AHMED HASAN BUCHEER (BH08501267), NOOR JALAL AL MUKTHAR (BH08501303), ZAINAB HUSAIN JAWAD (BH08500475), MOHAMMED JUMA MUBARAK (BH08501283)	DIVA BEAUTY SALON RESERVATION SYSTEM
776	FAHAD AHMED BU-ALLI (BH05501477),	OXEL RESTRAURANT
	RASHID AMIN (BH08500623), OTHMAN AHMED AL ALI (BH08501210), ALI YOUSIF (BH08500879), SAUD YOUSIF (BH08500263)	
777	HAYA KHALID , NOOF ALHASAN, NOORA HUSSAIN, NOOR ALWAZZAN, SHAIKHA A.AZIZ	SUNSHINE SPA CUSTOMER & INVENTORY MANAGEMENT SYSTEM
778	SUMAYA TOORANI (BH08500818), HAYAA AL ZAYANI (BH07500452), AYSHA JASSIM (BH08500207), AHMED JASSIM (BH07500712)	ONLINE MOVIE RENTAL SHOP
798	SHARIFA MOHD SHARIDA (BH08500820), DALAL ALSUBAIE (BH08500656), ZAINAB MAKKI AHMED (BH08500268), MOHAMMED ABDULLA MOHAMMED (BH08500908), NOORA LORI (BH08500065)	AL GHALIA BEAUTY SALON
799	FATIMA MHAMMED AL AMIRI (BH09500174), NOOFA AHMED ALI (BH08501428), FATIMA A.AZIZ JANAH (BH09500544), KHALID ALI AL RAFFAI (BH08500280)	ONLINE RESERVATION SYSTEM FOR CINEMA

800	ABDULAZIZ MOTEE AL SAMAHIFI (BH08500809)	CINEMA E TICKET
801	SAWSAN AHMADANI (BH05502216)	WORK PERMIT PROGRAM AND ATTENDANCE SYSTEM
802	LOLWA AHMED ALSADAH (BH08500267),JAWAHER ABDULLAH ALDOSERI (BH08500524),HAYA ESSA ALMUSALAM (BH08500456),DANA ALMAHMOOD (BH07500180),AHMED MUDHAFAR (BH07500637)	WOMEN'S ELECTRONIC SHOP
803	SARA SHABIB (BH08500333),HALA ALSAEED (BH08500447),ZAHRA RAHIMI (BH08500016), ALI AHMED (BH08501008), FATIMAA. MAJEED (BH09500584), KHULOOD GERASHI (BH07501405)	FITNESS FIRST SPORTS SHOP
804	NAEL A. YOUSIF (BH08501351), FATIMA ABDULAZIZ (BH08501091), HUSSAN KHALIL (BH08501128),FATIMA ALMOLA (BH08500453),SUGHRA GHAZI (BH08500369)	CUSTOMER INVOICE
805	MONA EBRAHIM (BH08501108),FAHAD HASSAN (BH08501338), HUSSAIN AHMED ALI (BH08500051), MAHMOOD AHMED (BH08500074)	SALE PERFUME ONLINE
806	SANA MAHDI ABDUL AALL (BH08501434)	DIAMOND SALOON & SPA SOFTWARE
807	FATIMA NEMATALLAH (BH08501241),	HR MANAGEMENT SYSTEM
	FATIMA S. MOHAMMED (BH08501240)	
808	RANYA NASSER AL SABUR (BH08501582), ABDULLA KHALID MOHD (BH08500326), EMAN MIRZA ABBAS (BH08501559)	WORLD RESTRAURANT
809	DALAL KHALID (BH08500012), DANA EDWARDS (BH08500155), YOSRA MOHAMMED ABDULLA (BH08500199), ZAHRA A.AMEER YOUSIF (BH08500441)	RAMEE INTERNATIONAL HOTEL
810	ANFAL A.RAHMAN (BH08501213), FATIMA SAEED (BH09500112), MARYAM AHMED (BH08501224),WEDHA A. RAZAQ (BH08501586),ZAHRA MOHAMMED (BH08501094)	BAHRAIN ISLAMIC BANKS INFORMATION CENTRE

811	SARA MURAD (BH09500153), SARA MIRZA (BH09500283), AGATHA CHRISTIE (BH09500685), SARA ALWAZZAN (BH08500038)	MARLENE DIGITAL STUDIO SOFTWARE SYSTEM
812	EMAN JAMEEL MARHOON (BH08501427), ZAINAB JASSIM ALARADI (BH08500665), FATIMA MOHD RAMADAN (BH08500047)	FILLING SYSTEM
813	FATIMA GHAZI MAHMOOD (BH07501279)	FATIMA CHOCOLATE SHOP AT THE CITY CENTRE
814	HAMED AL QASEER (BH08501113), AYMAN AYOOGI (BH08501086)	DVD SHOP
815	HAMEED A. AMIR HASAN (BH09500236), ISA ABDULLA SAIF (BH09500409), ADEL A.NABI SALMAN (BH08501046)	ONLINE Citi BANK HUMAN RESOURCE MANAGEMENT SYSTEM (HRMS)
816	ELIJAH M. SAPINOSO (BH09500003)	THE YOUSIF QASSIM ARTISTIC CENTER INFO MANAGEMENT SYSTEM
817	MOHAMED SUBAH (BH07501019), BADER JASSIM (BH07500485), MOHAMMED AL KOOHEJI (BH06500423)	PICK YOUR BOOK COM
818	ABDULLA SAEED MAHDI (BH08500201), HUSSAIN SALEH (BH07500489)	AWALI LIBRARY MANAGEMENT SYSTEM
819	NICOLE ROMA DE JOYA (BH08500235), LLOYD ERECCA M. FERRERA (BH09500313)	POINT OF SALES SYSTEM
820	SARAH MARIE BARCELONA (BH09500012), NAJLA QAMBER (BH09500056), NADA QAMBER (BH09500054)	CASH FLOW SOFTWARE SYSTEM FOR MOHD QAMBER AUTO ELECCAL & AC REPAIR
821	FATIMA ABDULLA (BH08500305), DALAL JALIL (BH08500304), NOORA FUAD (BH08500933), HASSAN HABIB (BH08500115)	BUYING & SELLING ELECTRONIC PRODUCT ONLINE (E SHOP)
822	RAJA RASHEED ALKHAJA (BH08500193), FATIMA A.MAJEED ARYAN (BH08501096), YUSUF MOHAMMED JASSIM (BH09500069), ABRAR ISA ATEEQ (BH09500754)	ROOM TO ROCK SELLING SYSTEM
823	MARYAM ESA AHMED (BH09500777),	LIBRARY MANAGEMENT SYSTEM
	FATIMA HASSAN ALDOY (BH08501167)	
824	SANA MOHAMMED SALEEM (BH08500872), KAREEMA SALMAN (BH08500921)	ENROLLMENT SYSTEM FOR APPLIED SCIENCE UNIVERSITY (ASU)

825	SHAIKHA NAJEEB ATTHAWADI (BH08500232), LUWA SALAH ALSADAH (BH08501131), LATIFA HAMAD AFUDHALA (BH08500920), SHAGRA ABDULLAH ALMAJED (BH08501139), SARA MOHAMMAD A.ALRAHIM (BH08501151)	DENTAL CLINIC REGISTRATION SYSTEM
826	ABDULLA ISA HAJI (BH07500930), SUBAH JAMAL SEYADI (BH07500650), ABDULLA YAHYA AL KHAYAT (BH07500644), HAMED ALI AL MANNAI (BH07501319)	BAHRAIN INTERNATIONAL LIBRARY
827	MOHAMMED ALBINALI (BH07500142), SHAIKHA ZAYED (BH08500018), ZAINAB MOHAMMED (BH08500185), MARIAM ISA ABDULLA (BH08500850), TALAL YOUSIF AHMED (BH09500861)	RESERVATION AIR LINE SYSTEM GULF AIR
828	ALI ABDUL AMEER (BH07500833), FAISAL MOHAMMED (BH07500269), SAYD HASHIM HABIB (BH07501459), EBRAHIM HASAN (BH07501158)	MONTHLY AGENTS PERFORMANCE
829	SAYED JAAFAR SAEED (BH08501105), HUSSAIN SAMI ALWATANI (BH08500363), ABDULLA SALMAN MATROOK (BH08501554), AHMED ABDULLA AHMED (BH08500080), ALI A. NABI HUSSAIN (BH08500194), MOHAMMED ABDULLA AHMED (BH08500637)	ONLINE RESERVATION SYSTEM FOR AL JAZEERA CINEMA
830	ZAINAB AHMED ALSAYEGH (BH08500142), ZAHRA TALEB MOHD (BH08500411), SAYED HUSSAIN KADHUM (BH08501452), ABRAR AQEEL MOHD (BH08500681), FATEMA ABDULLA ALHAMAD (BH08500932)	SASA INSTITUTE ONLINE REGSITRATION SYSTEM
831	AHMED YOUSIF ALHAMDAN (BH08501204), ABDULRAHMAN MUHAMMED (BH08500163), ABDULRAHMAN KHALIL (BH08501414), FUAD AHMED (BH08500668)	CAR DÉCOR ONLINE BOOKING SYSTEM

832	ALI SAQER ALATAWI (BH08500017), HASSAB ALI NOWROOZ (BH05500978), AHMED NABEEL (BH07501340),ESSA HAMAD (BH07501378),KHALIFA ALTHAWADI (BH08501576), RASHID FAWZI (BH07500755)	DHL CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM
833	ALI SAMEER (BH06501092), AHMED ABDULLA HABIB (BH06501002), ABDULLA MOHAMMED A QASSIMI (BH06501133), FAJER ABDULRAHMAN MOHAMMED (BH06500286)	SPORTS SHOP INVENTORY SYSTEM
834	MAHMOOD MOHAMMED SARHAN (BH06500190), HUSSAIN A.NABI AL MUTAWA (BH05502170),HASSAN A.RASOOL MANSOORI (BH07500948),ABDULLA MOHAMMAD HAMADA (BH06500166), KHALID ADNAN BUHAMOOD (BH07501349),MARIAM KHAMIS MASOOD (BH07500148)	HUMAN RESOURCE SUPPORT SYSTEM
835	ABDULLA NABEEL AMIN (BH07501491), ALI EBRAHIM KHONJI (BH09500820), MOHAMMED EBRAHIM (BH08500195), HAMAD AHMED EBRAHIM (BH08501601)	ASTON MARTIN STORES ONLINE STORE
836	MOHAMMED AHMED EID (BH08500847), HASHIM BADER ALSAYED (BH05500781)	CUSTOMER SUPPORT SYSTEM (CCS)
837	HASSAN ALI EBRAHIM (BH07500567), HASSAN MANSOOR (BH08501300), SAYED MOHD AMEEN (BH08500300),SHAIMA SAYED MOHD (BH08500347), MARIAM ABDULLA ALBI (BH08501443), MAYSAN EBRAHIM HASSAN (BH06500490)	HUMAN RESEARCH MANAGEMENT SYSTEM FOR AMA MOTORS
838	ALI MOHAMMED AL BINALI (BH08500399), MOHAMED ALISAYED (BH08500519), A RAHMAN ISA ALMAHMEED (BH08500645), AMEER ABDULKAREM (BH08501413),NAYEF FUAD YUSIF (BH08500259), MAHMOOD ALI AL MAHMOOD (BH08500275)	NASS EMPLOYEE MANAGEMENT SYSTEM

839	ZAHRA ALASFOOR (BH08501166), AFAF AL ASFOOR (BH08501178), LAYLA AHMED (BH08501061), LAYLA A.HUSSAIN (BH09500365), SHAIMA MISHRIF (BH09500197)	ZAINA BEAUTY SALON RESERVATION SYSTEM
840	AHMED IFTIKHAR (BH08500052).MAHMOOD AHMED ( BH09500835), AYSHA ALI MOHAMMED (BH08500277),RAJA ALI MOHAMMED (BH06501026), ABDULLAH YOUSIF ABDULLAH (BH07500914)	ONLINE BOOKING FOR DENTAL CLINIC
841	WALEED AL ANSARI (BH08500046), SAMER SAMI (BH08500196), KHALIFA DUALI (BH08500048),HADY ABDULKAREEM (BH08500137), MOHD BUBSHAIT (BH08500493),MOHD ALFARAJ (BH08501017)	CANDY SHOP ONLINE ORDERING SYSTEM
842	DANA KHALID (BH08500010), HANAN MOHD (BH07500963), MARWA ISA (BH08501214)	MIT MASHEE IT
843	ANDREW JOHN R CUDIAMAT (BH07500364)	FOOD ORDERING SYSTEM
844	FATIMA ABDUL JABBAR JAFFER (BH08500321),ZAINAB TAWFIQ KHALIL RAJAB (BH08500055)	RAMEE INTERNATIONAL HOTEL ONLINE WEBSITE

### Bachelor of Science in Business Informatics List of Thesis SY 2012-2013

Accession Number	Student Name	Thesis Title
861	ABDUL HALEEM ALI (BH08500872), ABDULHAL ABRAR BAKSH (BH08500936)	BLUE WAVE COMPUTERS INVENTORY MANAGEMENT SYSTEM
862	DANA JANAH (BH09501116),ROAYA AL SALEEM (BH05500473). DALYA JANAH (BH05500427), SAFA KHALIL (BH09501275),HUSSAIN ALI (BH07500387)	VIRGIN MEGA STORE ONLINE ORDERING SYSTEM
863	SAKINA MAHDI ABDULLA (BH08500728), NAEEMA HASSAN ALRAOABI (BH08500060), FADHEELA S. SAEED AL ALAWI (BH08501123)	CHRONIC PATIENTS REGISTRATION SYSTEM IN HEALTH CENTERS

864	ALI MOHAMMED ALI (BH08500757), ABDULLA ALALIWAT (BH08501068),EMAN MOHAMMED (BH08501235), KHADIJA MOHAMMED (BH09500014),SHAIMA HUSSAIN HAJI (BH095009727)	AL MEETAQ WORKSHOP HUMAN RESOURCE INFORMATION SYSTEM
865	MANAR YOUSIF (BH09500395), OMAR AHMED (BH09500597),LULWA HASSAN (BH09500491), AMNA MOHAMMED (BH09500729), FATIMA SAQEER (BH07500618)	GORGEOUS LADIES SPA CUSTOMER INFORMATION SYSTEM
866	MOHAMMED ALI QAMBER (BH09500432), KHLAIFA MOHAMMED YASEEN (BH08500047), FATIMA SAEED (BH08500968),MARIAM ABDULLA BAHLOOL (BH09500563),EMAN ADEL MOHAMMED (BH06500557)	SMILE DENTAL HOSPITAL APPOINTMENT SYSTEM
867	MARIAM BUKAMAL (BH08500909), MARIAM JUMA (BH09500110), EBTISAM MOHD (BH08500790)	ONLINE BATH & BODY WORKS
868	FATIMA GHULOOM AKBARI (BH08501460), MARYAM A.NASE JANA (BH09500931),SAKINA HUSSAIN ALI (BH08501056),ZAINAB JAFFER ABDULLA (BH08500380)	KIDS WORLD SCHOOL MANAGEMENT SYSTEM
869	AMNA A. RAZZAQ RASID , HUSSAIN ALI	ONLINE TRAINING COURSE
	RUFAEI,SALAH ABDULLA ALMALKI,MOHAMME TAQI JABBARI, KHALID A. KAREEM ALGANIM, EBRAHIM MUBARAK AL KUWARI, A RAHMAN FUAD SATER	MANAGEMENT SYSTEM
870	AISHA MOHAMMED AL HASSAN (BH09500102), SHAIKHA ABDULLA BUHAMOOD (BH08501471)	CUSTOMER INVOICE SYSTEM FOR TARBETEE COMPANY
871	A RAHMAN SUBAIL AL KHALFAN (BH08500310), MOOHAMMED ALI MOHAMMED (BH07500323),JASSIM MOHAMMED SAEED (BH07500753),KHALIL IBRAHIM ALI (BH08501355)	GYM MEMBER RESERVATION SYSTEM
872	SAYED HASSAN ALARADI (BH09500199),JASSIM TARADAH,HASHIM (BH09500200), QAROONI (BH09500011),ALI ALSAIRAFI (BH09500518), HISHAM KHALIL (BH08501132),AL MUBARAK ALSHAMLAN (BH07501205)	DEVELOPMENT OF KPH DESIGNED SYSTEM
873	ROQAIA SALMAN ALI (BH09500864), FATIMA JASSIM MOHAMMED (BH07500384), ALI ALAI (BH09500083), MARIAM AL KOOHEJI (BH08501126), MARWA AL KHAYAT (BH08501034)	SHEIKH ISA BIN SALMAN LIBRARY AND CONFERENCE SYSTEM
874	BUTHAINA SAEED MARHOON (BH09500420)	PERLA ONLINE REGISTRATION

		SYSTEM
875	ZAHRA A.ALI (BH08500697),MARIAM ALI YUSUF (BH07501477),SHAIKH AHMED (BH08500388), MARWA ABBAS (BH08500387), NOOR A. RASOOL (BH09500539)	ONLINE CITIBANK HUMAN RESOURCE MANAGEMENT SYSTEM (HRMS)
876	HUSSAIN AL SAFFAR (BH08500993), HUSAIN ABDULLA (BH08501525), MOHAMED ABDULLA (BH08500578), HASSAN MANSOOR (BH08500401),HASSAN JAMAL (BH08500581), ABDULLA MIRZA (BH08500050)	PUMA ATTENDANCE SYSTEM
877	HANA ALI MIRZA AHMED (BH08500899), NAFEESA EBRAHIM AL MUTAWA (BH09501025), NAEEMA SAEED KHAMIS (BH09501014),FADHEELA RADHI MOHAMMED (BH09500878), AREEJ MOHAMMED RASHID (BH09500388), MONA RAMADAN MAHDI (BH09500379)	HUMAN RESOURCE MANAGEMENT INFORMATION SYSTEM (HRIMS)
878	HANAN FAREED (BH08500701)	RESERVATION AIR LINE SYSTEM BAHRAIN AIR
879	ZAINAB WAHEED (BH07501195), HASSAN ALI AL IBDAH (BH07501125),AMAL JAMAL RASHID (BH08500239), MOHAMMED ANWAR (BH08500274)	NATIONAL LIBRARY SYSTEM
880	BASHAER ALI HUBAIL (BH09500031), DALAL MOHD ALKAMEESH (BH09500413), FATIMA KHALIFA (BH08500390), MARWA AL ALI (BH08500731), AHMED SHAKEEB (BH09500211)	WEDDING HALLS RESERVATION SYSTEM
881	MARYAM MOHAMED ALWADHI (BH08500761), YUSUF MOHAMED A.RAHIM (BH08500628), NOORA SALAHDAIN (BH08500352), AHMED NABEEL AL ANSARI (BH08500250),SALMAN AL SALOOM (BH08501138), ABDUL RAHMAN ANAN (BH09500219)	APEX REAL ESTATE MANAGEMENT SYSTEM
882	NAYEF ABDULAZIZ MAHDI (BH08500113), ABDULLA ISA (BH08500090), YAQOOB ABDULLA (BH08500116), FAISAL HASSAN (BH07501479), ABDULLA SAAD BUJANDAL (BH08500561)	FRANCESCO CUP CAKES ONLINE SHOP
883	LAYLA AHMED ABDULLA (BH08501310), BATOOL MOHAMMED (BH08501312), AISHA BAHZAD (BH08501313), AYAT THABIT (BH08501314),MOHAMMED HAMAD (BH08501395)	AHMED AL FARSI LIBRARY SYSTEM
884	AHMED GHULOOM (BH09500088), AHMED JAMAL	ZOOBIES ONLINE SHOP

	AL JAWDER (BH09500070)	
885	KHADIJA ABDULLAH AL NAHASH (BH08500348),ZAINAB HISHAM ALKHAN (BH08500157),YOUSRA TAHERT (BH08500770)	WORDS BOOKSTORE
886	NOOR ABDULLA SAIF BH09500032), RAJA YOUSIF ABDULLA (BH09500033), AHMED MOHAMMED ABDULLA (BH09501180), MOHAMMED A.ZIZ MOHAMMED (BH09501182),YOUSIF AHMED ALKUWARI (BH09500472)	24 CAR REPAIR COMPANY ONLINE SYSTEM
887	HUTHAIFA KHLAIF ATEEQ (BH08500995),MOHD JAMAL ALROWAIE (BH0851259),ABDULLAH MOHD KHONJI (BH08500463),ISA ASHKANANI (BH07501211),HASSAN ALI A. RAHIM (BH07501305)	FOOTBALL ONLINE TICKETS
888	HASAN ABDULLA AL SHUALBI (BH07500836), MOHAMMED AHMED MOHAMMED (BH07500845), YOUSIF ABDULLA AL FARMARZI (BH08500356)	ONLINE INFIRMARY MANAGEMENT WEBSITE
889	MONA ALI ALMOSALLAM (BH06500965), BATool SAYED MOHAMED (BH07500218), SHAYMA ABD-ALWAHED (BH07500552)	PRE OWNED CARS SELLING SYSTEM
890	ABDUL RAHIM ROZBA (BH08500152), ANWAR FADHEL ALI (BH08500175), HAMED AHMED YOUSIF (BH08500365),MOHAMMED SALAH ALI (BH08500945), TAHERA MOHAMMED QASSIM (BH09500969)	SALUTE FASHION SHOP ONLINE SYSTEM
891	MARIAM MOHAMMED ALGHAREEB (BH09500681),MARIAM SHUKRI ALI (BH08501426), FATIMA ESSAM A.RAHMAN (BH09501332)	PAYMENT SYSTEM OF THE BAHRAIN NATIONAL INSURANCE
892	SEDDIQA ALI AHMED (BH09500246), MARIAM HUSSAIN SALMAN(BH09500121)	VIVA IMPROVED WEBSITE
893	NASSER AHMED AL NOAIMI , OMAR FOLAD,AHMED YOUNIS NAJAF,YOUSIF EBRAHIM HASSAN ALI,SALMAN MOHAMMED ABDULRAHIM	ONLINE CARS ACCESSORIES PURCHASING SYSTEM
894	HEBA ADNAN ALI (BH07501512), MAYADA MUSTAFA ALTAQI (BH08500986),RAGHAD WAEL ADWAN (BH09501559), WAFA JAMIL DARBI (BH09500867),TALITA HUSSAIN (BH09500010)	AMA EECS (EXAMS AND EVENTS CALENDAR SYSTEM)
895	AISHA HARIRI (BH08500181), DALAL AL DAHHAM (BH08500106), MOHAMED A MANAIE (BH07501219),	CHOCO FACTORY BILLING SYSTEM
	ALI SULAIKEEK (BH07501276), KHALIFA ALYAMMI (BH09500262)	
896	AMEERAH SALEH ALGHABIB (bh09500794), MARYAM ABDULLAH TALEB (BH09500598),	BANANA LEAF ONLINE ORDERING SYSTEM



	FATIMA HUSSAIN KHAMIS (BH09501016)	
897	EMAN DARWISH (BH09501107), RAWAN ALZAYANI (BH08501352), AHMED BAHSEER (BH09500825), EMAN HASAN (BH06500841), SALMAN ABED HASSAN (BH09500329)	PAYROLL AND TRANSACTIONS SYSTEM FOR HABIB, HASAN & ALI LLC
898	SARAH HABIB ISMAIL (BH08501466), AMAL SAEED ALMUKHARREQ (BH09500058)	SARA'S BODY SHOP REGISTRATION SYSTEM
899	ZAHRAA ABDULLA MOHSEN (BH07501187), ZAHRA JAFFAR AHMED (BH08500383), MARIAM MOHAMMED (BH09500640), NASER AL SHAIJI (BH08500324), AHMED ALI TAQR (BH08500459)	BAHRAIN ATOMIZER DATABASE
900	MONA EBRAHIM ISSA (BH09500865), REEMA ALI ABDULRAHIM ALMARZOOQ (BH08501560), SARAH ABBAS ABDUL HUSSAIN (BH09500228)	BAHRAIN TRAINING INSTITUTE ONLINE LIBRARY SYSTEM
901	NOORA ALBANNA (BH08501373), HAWRA ALSHAMLAN (BH09500546)	BAHRAIN PUBLIC LIBRARY
902	NOUF TARIQ ALMESHLEMANI (BH095013725), SHAIKHA AHMED ALMUTAWA (BH09501177), NOORA SAAD ALABBAD (09501173)	ONLINE STUDENTS REGISTRATION SYSTEM
903	MARYAM SEDDIQ MATTAR (BH08500069), NAWARA MOHAMMED LORI (BH08500068), FATIMA ABDULRAHMAN ALMEHZA (BH08500091), ABDULLAH MOHAMMED MAHMOOD (BH08500516)	AL SAQLAM INTERNATIONAL HOSPITAL APPOINTMENT SYSTEM
904	RANA AHMED (BH08501194), HESSA ALBAKER (BH09500687), MUNEERA ALBINALI (BH08500400), KHALID ALZABI (BH08500761), MOHAMMED ALOTAIBI (BH0501382), NAWAF ALDOSSERI (BH09500687)	CHOCO LOCO SYSTEM
905	NADA SAAD AL NAJDI (BH09500470), LATIFA ISA AL BANKI (BH09501205), AYSHA YOUSUF HANSIYA (BH07501063)	BANYAN TREE SPA AND RESORT APPOINTMENT SYSTEM
906	FATIMA OSAM SAYED (BH08500306), DUAA SAYED SALEH (BH08500836), MARIAM S. OMRAN (BH08500198), NOORA FAREED (BH08500217), FATIMA A. NAABI (BH08500198)	ID DESIGN DECORATION SYSTEM
907	HAITHAM AHMED KHUDHUR HAIDER HAJI (BH08500053)	DARWISH COMPANY - INVENTORY MANAGEMENT
908	BAYAN JAMEEL AL RADHI (BH08501468), MARIAM ALI AL DOSSEY (BH09500048)	AL NABAA RESERVATION SYSTEM

909	HALEEMA ALI ABDULAZIZ AL MAHARY (BH09501459)	HUMAN RESOURCE MANAGEMENT SYSTEM FOR PROFILE BEAUTY SALON
914	KHALID ALTAMIMI (BH08500514)	MIT MASHEE IT
915	NOORA A.AZIZ QAMBAR (BH07501159),FATIMA KHALIL ALI (BH08500589),MONA MATTAR ALAMIRI (BH08501093),ALI.A.AZIZ MOHD (BH07501288)	ALTIGGER SPORT CLUB : ONLINE CLUB MANAGEMENT
916	SAAD AL DOSSARY (BH09500171),HUSSAIN AL DURAIZI (BH08501219),AHMED HISHAM (BH08500590),MOHAMMED AL MEFTAH (BH09500172)	HAJI HASSAN GROUP EMPLOYEE'S MANAGEMENT SYSTEM
939	AMMAR KHALID ALI ALBIN KHALIL (BH08500363),MARIAM A RAHMAN ALTHWADI (BH08500202), BUSHRA BASHIR AL BULOOSHI (BH08500602), MOHAMMED SAMI MOHAMMED (BH07500759)	BAHRAIN BOOKSHOP
940	ALI HASSAN A.HUSSAIN ALSHAWOOSH (BH08500121)	PLANET ELECTRONICS ONLINE SHOPPING
941	SALAMA MAHMOOD (BH08500629),ROBA YOSIF (BH09500601),MOHAMMED ALI (BH08500970),MOHAMMED ABDULRAHMAN (BH08500979), AFNAN (BH06500512)	KNOCK DOWN FURNITURE SYSTEM
942	HALA ABDULLA (BH09501385),SHAIKHA KHLAID (BH09500442),MARYAM ABDULRAHMAN (BH09500421),MOHAMMED ABDULLA (BH09500889), OMAR MAHMOOD (BH09500709)	ONLINE RESERVATION SSYTEM FOR CINEMA
943	HASSAN A ALI (BH06501031), A KAREEM SHAWQI (BH08500288), ALI ALDOLAB I (BH09501283),MOHAMMED MAJED (BH09500917),FATIMA KHALID (BH09500695), MARIAM ISA (BH089500581)	TAHERA STATIONARY. COM
944	PAPHIJIT LUANGDANG, RANDA HOWAIS,SAMEER AKHTAR,ISA MUBARAK KHALIFA,NADER MOHD SIDDIQ	GLOBAL UNIVERSITY BOOKSHOP
945	MAJEED S.FALAH HASHIM (BH07501240),ALMAHA BADER ALDOSERI (BH05502102),WALEED ALI MOHAMED (BH08501278), SARA ABDULLA A.RAHMAN (BH09500344),MOHAMED ABDULLA MOHAMED (BH07500204), ABDULLATIF MOHAMED AL MARAGHI (BH07501169)	LOW COST INVENTORY SYSTEM (FOR SMALL & MEDIUM BUSINESS)
946	LAYLA AHMED SALMAN (BH08500784)	DRUG REGISTRATION SYSTEM IN BUDAIYA HEALTH CENTER

947	MOHAMMED ALI SALEM (BH09501576), SALMAN ADEL SAYYAR (BH09501354), MOHAMED SALEM ALTAMIMI (BH09501349), AHMED HASSAN (BH09500139), MOHAMMED ALKHAJA (BH09500440), YOUSIF ALJAR (BH08501302)	PRESSTIGE ONLINE RESTAURANT
948	OMAR FOUAD JANAHI (BH09500871), HUSSAIN FOUAD SHOWAITER (BH07501077)	BAHRAIN ATOMIZER DATABASE
949	AREF ABDULLA (BH09500377), MOHAMMED ALMALOOD (BH09500909), ABDURAHMAN ALDAHAN (BH09500506), EBRAHIM BADRI (BH09500715)	CHOCO LOCO SYSTEM
950	IBRAHIM MOHAMMED AL SINAN (BH08501082), SAYED HASSAN MAHMOOD (BH08500043), ABDUL MOHSEN ALI (BH07501011), ALI JALIL (BH08501272), NOOH SALMAN (BH095001617), AHMED MOHAMMED (BH09500127)	WWW FIGHTING SPORT CENTER
951	SAFIA ABDULLA ABD AL RAZZAQ (BH08500735)	FILLING SYSTEM
952	ABDULRAHMAN ALSHEROOQ (BH08500114), ABDULLA ALI SALEH (BH08500145), AHMED HASSAN ALGHURARI (BH09501297), HAMAD ISA ALGHRAIR (BH09501064), ABDULLA HASSAN ALDHAEN (BH09501096), MOHAMMED ABDULLA MOHAMMED (BH09500741)	COMPUTER ORDER ONLINE SYSTEM
953	DOAA ZAKI HASSAN (BH08501469), ZAINAB ALI MAKI (BH08500158), ZAINAB A HUSSAIN (BH08501461), NOOR ALI ABDULLAH (BH09500310), DANA NADER AHMAD (BH08500862)	FAKHRAWI INVENTORY SYSTEM
954	HAYA HAMAD SALMAN ALJOWAI (BH07501072), LATIFA MOHAMMED ALMANNAI (BH09500678), SHAIKA SAQR ALBINALI (BH08500698), DANA MOHAMMED BASHER (BH08500549)	ONLINE SHOPPING E SHOP
955	BADER SALEM MOHD AL HASHIMI (BH09500404), ESSA MOHAMMED GHULOOM (BH08500307), AMEENA HASSAN AHMED YATEEM (BH08500265), YASSER JUMA ALI KANGOONI (BH07500209)	CATERHAM PARTS ONLINE PURCHASING SYSTEM
956	HUDA YOUSIF AHMED AL MADANI (BH08501205), SHEREEN MAHMOOD YOUSIF (BH09501024), ALAA MOHAMMED (BH09500521), SHAIMA SAMEER ABDULKARIM (BH08501149), HASSAN HABIB HASSAN (BH08500115)	ONLINE BOOK SHOP (BOOK ZONE)

957	RABAB ALI AMAN (BH09500165),ZAINAB MOHAMMED SULTAN (BH07501509),AFNAN YOUSIF ALI KOOHEJI (BH06501147), HUDA SALMAN (BH07501462), MONA HAJI (BH09501185)	NAVITO ORDERING CHOCOLATE SYSTEM
958	ALI A NABI (BH09500467),KHALIL JANVEKAR (BH08501289),ALI DAIF ISA MOHAMED (BH08500409),AHMED HUSSAIN MANSOSOR ALNAYEM (BH09501074), REDHA ABDUL AMEER (BH08501236),MOHAMMED YAQOOB MOHAMMED (BH09500819)	JAZZ PAINTS WEBSITE
959	FURQAN A BAQI ALI (BH08501577), KAWTHER KKHALIL EBRAHIM (BH08500139), KHADIJA JAFFAR YUSUF (BH08501144), MUNA MOHAMMED SALEH (BH08501141),NOOR TAREQ SHURRAB (BH05502155)	BLUE BELL COMPUTER SHOP
960	AHMED MOHAMMED AL GANNAS (BH06500984),AHMED SALAH ABDULLA (BH08500037),ABDULLA ALI MOHAMAD	GULF PHARMACY INVENTORY MANAGEMENT
	(BH09500140),ABDUL AZIZ MHAMMED A. KHALIQ (BH09500402), KHALID JASSIM MOHAMMED (BH09500492), MOHAMMED A.AZIZ AL SADIQ (BH09500571)	
961	MOHAMMED MAHFOOD (BH08501537),SALMAN RADHI SALMAN (BH08500848), HUSSAIN ALI KAABI (BH08501493),ALI ABDULGHANI (BH08501505), AHMED SAEED JASSEM (BH09500492)	ALDOWALY BOOK STORE
962	TAHERA ABDULMAJEED FARAI DOON (BH09500301),ZAINAB AKBAR ABBAS (BH07501119),ZAINAB RUSTAM RAMDHAN (BH08501261), FATIMA RUSTAM RAMDHAN (BH08501496),LUWA MOHAMMED AHMED (BH09500684),ELYAS YASSER HASSAN (BH09500285)	ASIA CARGO & PACKING SHIPMENT MANAGEMENT SYSTEM
963	HAIFA MOHD AL BADRI (BH07500917), A RAHMAN HASAN (BH07500636),ABDULLA AL RUWAIMI (BH08500650), A.AZIZ AL ALI (BH08501254), HUDA SALMAN (BH09501008),JASSIM RASHID ALMANNAI (BH09500633)	LEAGUE STADIUM MANAGEMENT SYSTEM
964	MARIAM ALI ALALAWI (BH09500309),MONA ALI ISA (BH09500160),EMAN AHMED (BH09500382)	ELIE JEAN SALON SELLING PRODUCT ONLINE

965	DALAL RASHED AL SHAMMA (BH08501339),FATIMA MOHAMMED ALJAR (BH08501346),HESSA ALI AL BUAINAIN (BH09500620),MARYAM SALAH AL KOOHEJI (BH08501614), ZARIFA KHALIFA AL AMMER (BH09500698),MAHMOOD MOHAMMED A.RAHIM (BH06500943)	H & M ONLINE (ONLINE ORDERING SYSTEM)
966	MOHAMMED SALEH BIN ZAIMAN (BH09501088), ELIAS SAMEER ELIAS (BH09501179),KHALID ABDULAJALIL (BH09500809), A MADHI KHALIL GHULOOM (BH08501095), AHMED GHASSAN SAEED (BH08501542),ZAINAB ABDULLA ISA (BH09501045)	CHILI'S RESTAURANT SYSTEM
967	KAWTHER MOHAMMED (BH09500710),ZAINAB AL SHOULAH (BH09500711),SARA KHALIL TAQI (BH09500227), TALEB MAHMOOD (BH09501296), NAJLA A. HADI A. HASSAN (BH08500189)	ONLINE ORDERING SYSTEM
968	EMAN JASSIM MOHAMMED (BH09501525),MARIAM ABDULLAH AL MULLA (BH09500022),MUNEERA JAMAL NABHAN (BH09500996),ZAMZAM ABDULLA YOUSIF (BH08501305)	ONLINE ADDING AND DROPPING SYSTEM
969	ISRAA JASSIM DASHTI (BH09501103), SALEH TARIQ ALAUJAN (BH09500704),SAHAR ALI HAFEZI (BH08501246), SABEEKA MOHAMMED ABDULLA (BH08501137)	STORY BOOK BEGINNINGS BOOKSTORE
970	ABDULLA MATTAR (BH09500243), ESSA ABDULLA MUSTAFA (BH09500202)	PHARMACY MANAGEMENT SYSTEM
971	MARAW YUSUF AL MAHMOOD (BH09500830),LATIFA MOHAMMED ALI HAMADA (BH09500520),FATIMA ABDULATIF MOHAMMED (BH08501293), MUDHAWI FUAD AL MAL (BH07500159),MARIAM ABDULRAHMAN AL AWADHI (BH08501324)	DOCUMENT MANAGEMENT SYSTEM @ GULF AVIATION ACADEMY
972	MUBEEN AYAZ MAHMOOD (BH09501229),NADA ANAYAT (BH09500241)	PAYROLL SYSTEM :PAYMENT METHODS & TRANSACTIONS TRANS ALTANTIC CONTRACTING COMPANY
973	HAYA AHMED AL BBAD (BH09500075),SABAH MOHD AL BASTAKI (BH09500875), MARAYM AQEEL JANAH (BH09500718),NOORA ALI AL KUWARI (BH09500103)	FOREVER 21 SELECT & WEAR TOUCH SCREEN SYSTEM

974	FAISAL SALMAN HASSAN (BH09501464), KHALIFA KHALID AL DOSERI (BH09501357), SALMAN ALI ISA (BH09501224), ABDULLA ISA (BH08500262), AHMED SALIM (BH09500882)	HI 5 FITNESS REGISTRATION ONLINE GYM
975	AMEERA MUDHAFFAR (BH09501604), A RAHMAN AL MAHMOOD (BH09500415), MOATH TARIQ (BH09500187), MOHAMMED AL MANNAI (BH09500616), MOHAMMED KHALIFA (BH06501153)	ONLINE CUSTOMER CLAIM SYSTEM CCS
976	MOHD ABDULLA ALGHATAM (BH08501451), ISA MOHD ALGHATAM (BH09500921), DALAL JASSIM ALMUTAWA (BH08500212), BASHYER KHALID MOHD (BH08500378), LATIFA HAMAD ALHAJERI (BH08500379)	ONLINE SPA SALON APPOINTMENT MANAGEMENT SYSTEM
977	HUSSAIN MOHSIN ALWADI (BH08501133), AHMED HASSAN AHMED (BH08500346), HESHAM A. AMIR AL TAWEEL (BH08500558), AHMED KHALID HAYAT (BH08500997)	KINGDOM UNIVERSITY HUMAN RESOURCES MANAGEMENT SYSTEM
978	HADEER MOHAMED SHOWAITER (BH08500027), MARYAM ABDULATIF ALAMER (BH08500254), SHAIKHA MOHAMED SHOWAITER (BH09501348), SARA ABDULLA HEJI (BH09500359), FATIMA AHMED MOHAMED (BH09501360)	FEDORA ONLINE CAFÉ
979	MOHAMMED AWADHI ALI (BH09500502), ISA AHMED ABDULKAREM (BH08500752), ABDULLA SALMAN ATEEQ (BH06500752), YOUSIF ISA ABU ALFATEH (BH09500039), MAJED ISA ALANSARI (BH06500149), MAHMOOD NADER TOORANI (BH07501209)	INVOICE SYSTEM FOR LAUNDRY BROTHER
980	ALI ABDUL AZIZ KAYED (BH06500178), HASSAN ISA HASSAN (BH07501516), ALI FADHEL (BH07500985), LAYLA MOHD ABDULLA (BH09501408), ALAA MOHD ABDULLA (BH08500220), RAGHIB ABDULLA ISA (BH08501122)	ONLINE ORDERING SYSTEM FOR DVD PALACE
981	FATIMA MIRZA (BH08500832), DALAL A. HADI (BH08500795)	LADY FASHION STORE E SHOPPING
982	AHMED ABDULLA HAJI (BH08500128), ANWER SALEH MEJAIRAN (BH09500115), HAIDER JAMEEL MARHOON (BH08501429), JAFFAR SADIQ AL BANNA (BH09500522)	QUDRAT ALI & SONS PERFUME SHOP

983	ROAYA KADHIM ALI (BH08500433), MANAL ALI AL ARADI (BH08500591), FATIMA MOHAMMAD S. SAEED (BH08500982), FATIMA SAYED SHUBBAR (BH08501549)	PAPER MAGIC STATIONARY WEBSITE
984	MASOOMA S JAMEEL (BH08500015), LATIFA BADER ABDULLA (BH09500447), NORA KHLAID ISA (BH09500448), LULWA EBRAHIM JASIM (BH09500940), SARA ABDULLA YUSUF (BH08500149), ZAHRA MANSOOR ISA (BH08500147)	TARTEEB COMPANY SYSTEM
985	NOORA JOWHER AL MASS (BH08501581), FATIMA JOWHER AL MASS (BH08500040), MARA JAMEEL AL SAATI (BH07500610), SHAIKHA ISA AL BANKI (BH09500380), NOORA ABDULA MOHAMMED (BH09500104), ALANOOD ABDRAHMAN HAJI (BH08500423)	BU BSHAIT ONLINE CAR RENT SYSTEM
986	MOHAMMED ABBAS ALI (BH09500063), S. AHMED FAISAL ALALAWI (BH09500950), ALI HASSAN ALHAMAD (BH09500314)	AL HAMAD TRADITIONAL RESTAURANT ORDERING AND PAYMENT SYSTEM
987	EBRAHIM AHMED (BH08500140), ABDULKAREEM ALSEDDIQI (BH08501378), JASSIM ADEL SANAD (BH06500072), KHALID AL MUSHARI (BH09500766)	NEW YORK DVD SHOP SOFTWARE SYSTEM
988	YASMINE ANWAR YOUNES (BH07501582), ROSE YOUNES (BH09500626), RANA MAMDOUH AL ASAD (BH09500482), NOORA HAMAD ALBUFLASA (BH08500179), MOZA SALEH AL KAABI (BH08500188), SHAHNAZ MOHAMMED ALASAD (BH08501348)	E MENU SYSTEM FOR AL ABRAAJ RESTAURANT
989	AHMED ABDULLA (BH08500794)	E-LIBRARY
990	MAWAHIB EBRAHIM MOHAMMED (BH08500507), MARIAM EBRAHIM AHMED (BH08500162)	FERRARI CAR AUTO ACCESSORIES & KEY MAKERS ONLINE SELLING
1008	AMINA HASSAN AHMED (BH08501485), MOHAMMED SULTAN (BH07501126), HUSSAIN BUHAMOOD (BH08501089), HUSSAIN AQEEL (BH07500167)	SALAD BOUTIQUE ONLINE SYSTEM
1015	AHMED SAUD A. AZIZ AREEK (BH09500123), ABDUL AZIZ AHMED YOUSIF QAMBAR (BH09500122), AHMED MOHAMED AL-BALOOSHI (BH08500621), MUJAHED ABDULLA AL NAJIM (BH09500175), AHMED IDREES (BH08501318), ZAINAB TAQOOB (BH09500231)	BAHRAIN INSTITUTE FOR STUDENT ENROLLMENT SYSTEM

1016	DUAIJ HAMAD AL KHALIFA(BH07501110), S.HUSSAIN HAMEED IBRAHIM(BH09501209), HUSSAIN ABDULREDHA SULTAN(BH09500372), MOHAMMED ABDULLA ASHOOR(BH08501491)	ONLINE RESERVATION SYSTEM FOR ATLAS HOTEL
1017	MOHAMMED AHMED YASEEN(BH09500323), ALI ABBAS SAEED(BH08501567), MOHAMMED KALIL EBRAHIM(BH09500533), HABIB ALI ABDULLA ALMAWAL(BH08501527)	MENATELECOM WEBSITE CUSTOMER'S SERVICE
1018	RABAB A.NABI AL ZENJI(BH09500768), HAWRA SAYED HASSAN(BH09500185), HAWRA MOHAMMED HASSAN(BH09500837)	MEDICAL PRESCRIPTION SYSTEM FOR BAHRAIN SPECIALIST HOSPITAL
1019	ZAHRA JAMEEL(BH09500465), SHAIKHA ALI ALDOSSARI(BH09500888), THAJBA SAAD(BH09500823)	SARA KINDERGARTEN SOFTWARE SYSTEM
1020	AMEENA ABDULLA ALI(BH0500253), ZAINAB ALI AHMED(BH09500152), FATIMA ALI NASSER(BH09500057), ZAINAB YOUSIF(BH09500287), NOOR A.SHEEAD(BH09500204)	BENT AL-SHAIKH BOUTIQUE CLOTHES ONLINE
1021	AYSHA ALI AL-RASHED(BH09500406), SONDOS MOHAMMED AL-SAEGH(BH09500345), SANA EBRAHIM AL-HASSAN(BH09500192)	DEVELOPMENT OF WEBSITE FOR SEPHORA
1022	NAYLA ZAAL ALBUFLASA(BH09500745), ARWA SALEH ALMANNAI(BH09500690)	DOSS WEBSITE
1023	S.MOHAMMED FADHUL(BH09501198), NASER JAVAID(BH07501236), MOHAMMED NAJI(BH09500200), HAMAD ALNASHMI(BH09500400), RASHID FAREED(BH09500155)	ONLINE EXAMINATION SYSTEM
1024	MARWA FOUAD(BH09501278), AMANI FESAL(BH08500109), NADER ABDULLAH(BH09500015), FATIMA ALALWI(BH08501599)	AHLYA UNIVERSITY REGISTRATION SYSTEM
1025	ALI FAISAL ALI(BH07501161), BAYAN AHMED HASSAN(BH09501079), BUDOOR SALEH MOHAMMED(BH09501429), EHAB ABDULLA AL SHEHAB(BH09501218)	WEBSITE DEVELOPMENT FOR APTECH TRAINING INSTITUTE IN THE KINGDOM OF BAHRAIN
1026	HAMAD AL-ABASI(BH09500403), AHMED KHALIL(BH09500702), MOHAMMED MAHMOOD(BH09500700), SAYED MAHMOOD ADNAN ALAWI(BH09500369), ALI ABDULREDHA MATTER(BH09500370)	ONLINE EXAMINATION SYSTEM
1027	MOHAMMED ABDELELAH MOHAMMED AL BASTAKI(BH06500131)	FINE CUT CAF'E ONLINE

1028	MOHAMMED ALI ALORAIBI(BH08501250), HAMAD KHALID ISA(BH09501444)	RAFCO STORE SYSTEM (FOR SMALL & MEDIUM BUSINESS)
1029	ALAA HUSSAIN ALI(BH09501443), HAWRA A.NABI AHMED(BH09501615), NADYA SAMEER A.HAMEED(BH09501390), RAIHANA JASSIM KHALIL(BH09501312), RAEDA ISA ALI(BH09501254), ZAHRA SAYED NADER AHMED(BH09501401)	AL JAMEEA CATERING INVENTORY MANAGEMENT SYSTEM
1030	WASAN ZABAR(BH08501264), HALA HASAN(BH08500566)	ONLINE SYSTEM FOR ROZANA EVENT MANAGEMENT COMPANY
1031	AYSHA A.AZIZ A.RAZZAQ(BH08501589), AMAL MOHAMMED ALKOOHEJI(BH07501345), LATIFA SALMAN MUBARAK(BH09500824), DANA AHMED ALKAABI(BH08500640), AMINA A.ALRAHMAN A.LITEF(BH09500052), MARIAM OMAR ALJAR(BH09500752)	ONLINE REGISTRATION SYSTEM FOR FITNESS FIRST HEALTH CLUB
1032	ZAHRA ANWAR ALI KHALAF(BH09501306), ZAHRA ALI SALMAN(BH09500116), KHADIJA A.JABBAR(BH09501365), DUAA ABBAS ALI(BH09500350)	ACCOUNTING SYSTEM FOR SAMA SALON
1033	EMAD AHMED(BH09501623), MUSTAFA BUSHAQRAH(BH09500298), NEAMA BUSHAQRAH(BH09500290), ALI MOHAMMED(BH09500774), MOHAMMED AMEERI(BH08501330)	PROPERTIES MANAGEMENT SYSTEM FOR LAND MARK BAHRAIN
1034	SAKINA ABDULRASOOL GHULOOM(BH09500474), ZAINAB MAKKI A.NABI(BH09501572), SARA SHABAN JAHROMI(BH09500723), BATOOL ZAINAL ALI(BH09500082), KHULOOD JASSIM YOUSIF(BH09500556), HESSA ALI MOHAMMED THANI(BH09500559)	ONLINE BOOK SHOP SYSTEM (TAHERA BOOK SHOP)
1035	ABDULMAJED A.ALRAHMAN(BH09501067), AHMED ADEL ALMAHMOOD(BH09500972), MOHAMMED ADEL ALMAHMOOD(BH09500970), NAWAF ADEL ALDOSERI(BH09500984), MUSAB KHLAID EBRAHIM(BH09500133), MOHAMMED A.BDULLA JANAHII(BH09500266)	ONLINE APPOINTMENT SYSTEM FOR BDF HOSPITAL
1036	SAJIDA A.HUSSAIN BUSHIHRI(BH09500826), MURTADH AHMED TURANI(BH07500256)	SAAR CINEMA E-TICKETING SYSTEM
1037	HASHIM M. RAHMA(BH08500422), ZUHAIR EBRAHIM HASSAN(BH09500473), MOHAMMED YOUSIF(BH08500989), FATIMA HUSAIN(BH06500960), HUSAIN AL RAHMA(BH09501363), REEHAN AZIZ(BH06500767)	ONLINE SYSTEM FOR BAHRAINII HEALTH CLUB

1038	ZAHRA ABDULLA(BH08500180), SAWSAN NASER(BH09500630), ZAINAB HUSAIN(BH09500459), HAWRA S.ALAWI(BH09501123), MASOOMA BUHAMID(BH09500705), MARIAM AL EBRAHIM(BH07501111), FATEMA ABDULKAREEM(BH09500067)	ONLINE BOOKSHOP SYSTEM FOR FAKRAWI BOOKSHOP
1039	MAJEED AHMED ABDULLA(BH09501037), MOHAMMED A.AZIZ MANSOOR(BH09501553), ALI AHMED ISA(BH09500111), HASSAN SALMAN ALNASSER(BH08500907), JAFFER MOHAMMED JAFFER(BH08500438), ISA EBRAHIM ALASWAD(BH07501047)	DIPLOMAT HOTEL RESERVSTION SYSTEM
1040	A.RAHMAN ABDULLA DARAJ(BH07500883), ALI	MEDICAL STOCK ENQUIRY SYSTEM FOR
	TURKI ALSWAR(BH09501482), ABDULAZIZ ISA ALTHAWADI(BH09501534), ISA MOHAMMED ISA(BH09500498), JASSIM A.HUSSAIN ALESKAFI(BH09500758), SAYED ALI ALALMOSAWI(BH09500818)	RUYAN PHARMACY
1041	NAJLA ADEL ALSHAER(BH09501080), DANA ADEL AL ANSARY(BH09501548), EMAN MOHAMMED AHMED(BH09500279), FATIMA EBRAHIM MOHAMMED(BH08501564), SARA ABDULLA(BH08501101), NAJAYA SARHAN(BH08500020)	AL SALAM ADMINISTRATION STUDENT RECORD SYSTEM
1042	ALYA AHMED ALDOSERI(BH09500894), SHAMA ABDULLA BUTALEEF(BH09501571),ABDULRAHMAN ALRAYIS(BH09500971), HAZEM ALSARHAN(BH09500866), DOWLAH SALEM AJAJ(BH09501019), SARAH YOUSIF ZAMAN(BH09500806)	ALYAQEEN ONLINE BOOK SHOP SYSTEM
1043	LAYLA EBRAHIM(BH09500673), NATASHA(BH09500320), EMAN FADHEL(BH09500495), HANA ABDULRAHMAN ALHELOW(BH0850023)	ZOHOOR AL REEFLA
1044	DABYAH MOHAMED ALKUWARI(BH09500567), HESSA EBRAHIM ZOWAYED(BH08500860), MUHANAD MOHAMMED(BH08500325)	BASKIN ROBBINS ONLINE ORDERING SYSTEM
1045	AMEERA SHAKEEB(BH08501199), MASHAEL AL MUTAWA(BH09500055), MOHAMMED SHAKER(BH07500642)	HUMAN RESOURCES MANAGEMENT SYSTEM OF AL MEETHAQ COMPANY
1046	TARIQ YOUSIF MOHAMMED(BH09500071), ALIAHMED AL-ANSARI(BH09500077), ADEL NADER SHAKEEB(BH09500125), MOHAMMED SAEED MATHKOR(BH07501467), YOUSIF	BDF HOSPITAL

	RASHED AL-DOSSERI(BH0850940)	
1047	MAYSA AHMED REZQ(BH09500322)	FOUR SEASONS GIVEAWAYS SHOP
1048	AMMAR EBRAHIM(BH08500313), GHASSAN AWADH(BH08500314), DANA MOHAMED(BH09500816), AHMED ALSUBAIE(BH07501465), ISA YUSUF FAISAL(BH07501274), MOHAMMED ALI HUSAIN(BH08501190)	ONLINE REGISTRATION SYSTEM FOR FUTURE CHAMPION GYM IN THE KINGDOM OF BAHRAIN
1049	MOHAMMED ZOWAYED(BH09500954), KHALIFA BUHAMOOD(BH06500929), DUAIJ ALAMER(BH05501090), OSAMA ALGHAREEB(BH05501937), ABDULAZIZ ALGHAREEB(BH09501555)	DVD STATION
1050	JASSER MUBARAK AL-MARRI(BH09501199), AYSHA YOUSIF BUCHIRI(BH09500648), HUSSAIN SALEH ALDOSERI(BH08501107), SALEM FADEL ALBUSMAIT(BH09501150), AHMED ABDULAZIZ ALSHAER(BH05502062)	BAHRAIN ORGANIZATION SYSTEM
1051	IMTIAZ INAYATULLAH(BH08501247), JASSIM YOUSIF AL-KAABI(BH08501556), SAYED AHMED AL- HAHSHMI(BH08501015), SAYED SALAH ASGHAR ALI(BH08501437), YOUSIF AL-AWADHI(BH09500748)	LIBRARY MANAGEMENT SYSTEM FOR AL WALA SPORTS CLUB LIBRARY
1052	ADNA HAWASHIM(BH08501552), HATEM MATTER(BH08501249), HUSAIN ALI HUSAIN(BH08500720), MOHD JASSIM(BH08501455), AHMED MURTADHA(BH09500799), FATIMA MAKI SALMAN(BH09500612)	BAHR AL NAJAF RESTAURANT
1053	BASHAYER MUBARAK ALTHAWADI(BH09500443), SHAIMA ESDAIF JUMA(BH08501184)	FOUR SEASON SHOP
1054	NOOF HASAN ABDULLA AL SAYYED(BH08501369), MEAAD ABDULLA ASHOOR(BH09500190), NOOR NABEEL AL SUBAIE(BH09500037), DALAL SALEEM AL NAJDI(BH09500367)	DEVELOPMENT OF A WEBSITE FOR COCO'S RESTAURANT
1055	HAMAD HASAN RABEEA(BH08500381), AHMED MOHAMMED ALSHAIKD(BH09500985), SAYED MURTADHA HASSAN(BH08501230), SALMAN ISA MOHAMMED(BH09500915), MAHMOOD AHMED MOHAMMED(BH09500634), MOHAMMED JAMAL ALI(BH09500966)	DVD TIME

1056	MAHDI TARIQ(BH09500159), ABBAS FADHEL(BH08500225), HUSSAIN ALI(BH09500416), AHMED AMIN(BH07501496)	BASKETBALL LEAGUE
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### Bachelor of Science in Business Informatics List of Thesis SY 2013-2014

Accession Number	Student Name	Thesis Title
413	MOHAMMED ADEL ALKAABI (BH06500053), ALI MOHAMMED SALEM (BH06500799), HUSSAIN ABBAS (BH06500934), SHAIMA JANAHI (BH06500090), SAEED AHMED (BH06500006)	MEXICAN SUPER MARKET
1094	AHMED KHALIL ALDERZI(BH08501379), SARA A.AZIZ AL MEER(BH09501370), NOOR HASSAN BUHAZZA(BH09501325), WAFA MAHMOOD ABDULLA(BH09500496)	AL-FALAH PRIVATE SCHOOL STUDENT'S DATABASE SYSTEM
1095	RASHID EBRAHIM ATEEQ(BH09501550), ASMA YAQOOB YOUSIF(BH09501432), MARYAM GHULOOM(BH09500515), SUGHRA MUBARAK(BH09500411), HAMAD YAQOOB ALMAKED(BH09500982)	GULF AGENCY COMPANY AN INVENTORY SYSTEM
1096	HUSAIN A.ELAH BARDSTANI(BH07500877), HASAN ALI MOHAMED(BH09500562), MOHAMMED ZAHRAIN DHUWAIHI(BH09500713), ZAINAB JAFFAR ALBANNA(BH09500059), MAHMOOD GHULOOM NOWROOZ(BH08501435)	ISHRAAQ LIBRARY.COM
1097	SARA FAISAL EBRAHIM(BH09501616) LHULOOD KHALID(BH09501004), ASMAA AHMED(BH09500551), BUTHAINA KHALIL(BH08501620), ZAHRA A.KHALIQ(BH09500331)	AL MAMLAKAH UNIVERISTY ONLINE STUDENT ENROLLMENT SYSTEM
1098	HUSSAIN ABDUL REDHA HAJI(BH08501459), SAYED SALMAN HAIDER(BH09500349)	ONLINE EXAMINATION SYSTEM
1109	ZAINAB A.HUSAIN(BH09500897), ZAINAB HUSAIN(BH08500511), MARWA A KHALIL(BH09500686), FATIMA SALMAN(BH09501294), ZAINAB ALBALOSHI(BH09500572), ZEEBA JAN MOHAMMED(BH09500914)	

1110	ABDULLA YOUSIF MOHAMMED(BH07501124), SAAD SALEM SAAD(BH08500264), ABDULLA YUSUF AHMED(09501095), NAYEF BIN KHALED(BH09501132), SARAH JAMAL ISA(BH09501069), HESHAM AHMED MAHMOOD(BH09500225)	ROYAL BAKERY
1111	ALI HUSSAIN MANSOOR(BH09500852), MARWA ABBAS HASAN(BH09500386), HUDA ABBAS ASSERI(BH09500573), MARIAM A.HASSAN EBRAHIM(BH09500643), ALYA ABDULLA A.HUSAIN(BH09501427)	THE ASIA CAR RENTAL SYSTEM
1112	AHMED ALI MANSOOR KADHEM(BH09500721), HUSSAIN ABDULLA MARHOON(BH09501405), FATIMA MOHAMMED MANSOOR(BH09500854), ALI ABDULHUSSAIN GHULOOM(BH09500999), AHMED ISA ABDULLA ALKHALIFA(BH08501594), AHMED MOHAMMED ALJAWDER(BH09500708)	MANAMA COFFEE SHOP
1113	ASMAA ALI A.WAHAB(BH09500808), HUDA ALI MOHAMMED(BH05502339), HUDA EBRAHIM SABBA(BH09501346), FATIMA FAROOQ AL QATTAN(BH09501302)	ITHMAR BANK
1114	MOHAMMED SHAKER AL-SAEED(BH07500642), NEZAR ADEL ABDULKARIM(BH09501598), AHMED JAWAD(BH08501495), ISA ABDULLA NAYEM(BH09500325), ABDULHADI AHMED ALORAIBI(BH09501545), SAYED ABDULLA HUSSAIN(BH08500261)	DELMON WALLPAPERS
1115	FAISAL MAHMOOD FALAMARZI(BH09501413), BADER ABDULAZIZ ALANSARI(BH09500997),	CENTRAL BOOKSHOP
	EBRAHIM FUAD BUHAZZA(BH09500488), ALI MOHAMMED ALZAYANI(BH09500196), ABDUKARIM YOUSIF MOHAMMED(BH08500420), AHMED ALI ABDULLA(BH08500283)	
1116	MAHMOOD JANKI(BH09501461), OMRAN A.AZIZ ALI(BH09500158), MUNTADHAR MOHAMMED REDHA(BH07501003)	BASKETBALL LEAGUE
1117	ZAINAB MOHAMMED AHMED(BH09501416), AMINA ALI RADI(BH09500226), MARYAM EBRAHIM YASEEN(BH09501048), NOORA ISA JASSIM(BH09500106)	HR SYSTEM OF MONDIAL COMPANY

1118	ABDULLA FAISAL HASSAN(BH09500510), MOHAMMED AHMED ALARADI(BH09501395), ISA MOHAMMED ALARADI(BH09501449), JASSIM TAHER(BH09501338), HASAN YONIS SHBIB(BH08501529), HASSAN ALI HASSAN(BH09500384), MAHMOOD EBRAHIM(BH09500389)	ARAD CAR SHOW
1119	NEDHAL ATEYA MAKI(BH09501549), FADHEL HASAN AHMED(BH08500708), MOHAMMED AL THAWADI(BH09500141), AHMED YOUSIF DAWOOD(BH09500489), ALI SHAWQI AL SHAMSAN(BH06501005)	AL HAMADI RESTAURANT
1120	MOHAMED RASHID FAKHRO(BH07501133), ALI AHMED ALANSARI(BH09500077), HAMEDA MOHAMED BAHMAN(BH08501463), ABDULLA ISA BURSHAID(BH08500064), MAHAMOOD QURBAN ALI(BH07501331), ALI KHALID KAZEROONI(BH07501508)	ALRAYAN HOSPITAL WEBSITE
1121	ALI AHMED ALI(BH09501256), NOORA FUAD MANDI(BH09501359), MOHAMMED MANDI(BH09500081), YAGOOB YOUSIF AHMED(BH08500961), MOHAMMED AL HASHIMI(BH08501028)	ALAHLYA UNIVERSITY ADMISSION AND REGISTRATION SYSTEM
1122	MOHAMMED SWAR(BH08500039), S.HASHIM JAFFAR(BH09500925), WALLA AL- KHAYAT(BH06500959), S.FADHEL READHA(BH09500594), MOHAMED ALAWADHI(BH07501426), MOHAMED SAYADI(BH09500666), MOHAMED AMEEN(BH09501518)	WEBSITE DEVELOPMENT FOR 53 CAR SHOWROOM IN THE KINGDOM OF BAHRAIN
1123	MOHAMMED A.WAHEED KHUNJI(BH09500046), ALI A.RAHMAN ALBANNA(BH09500066), KHALID ADEL ALAWADHI(BH08500484), MOHAMMED SALIH BUSHAGER(BH08500042), MAHMOOD NABEL ANSARI(BH09500497), AHMED MOHAMMED SHEHAB(BH09501160), ALI EBRAHIM ABDULLA(BH08501307)	ASTON MARTIN STORES " ONLINE STORES "
1124	MOHAMMED AHMED(BH09501586), SADIQ HASAN(BH09500308), SADIQ MOHAMMED(BH09501375), ALI HUSAIN MIRZA(BH08500816), ALI ANWAR MOHAMMED(BH09500637), HUSAIN ABDULLA(BH09501129)	ELEGANT FRAGRANCES

1125	MAJEED SAEED ALALAWI(BH07500449), ZAHRAA A.HUSSAIN(BH08500284), WALA AQEEL ALSARI(BH09500460), MAHMOOD FAHAD(BH09501364), ZAINAB A.SHAHEED BUSAHAIL(BH09501082), ZAINAB JASSIM ALSAEGH(BH09501247), DANA DUAIJ ALTHAWADI(BH09501027)	ZEUS CLEANING SERVICES
1126	ALI RASHID ALHADDAD(BH09500385), ALI ABBAS ALGHADBAN(BH09500391), ALI ABBAS ALARADI(BH09500327), JAFFAR AHMED ABDULLA(BH09500891), HESHAM A.JALIL(BH09500483), S.SAEED HADI ALABBAR(BH08500497), ALI AHMED ALKHAYAT(BH09500361), ENTISAR JASSAN ATEYA(BH09501230)	BAHRAIN AUTO MALL ONLINE SYSTEM
1127	MOHAMMED RASHED JALAL(BH09500342), SAYED MOHAMMED JAMEEL(BH09500426), ISA YOUSIF AL TIMAI(BH09500534), MOHAMMED FAISAL JASIM(BH09500194)	LIGHT SPEED WEBSITE CUSTOMER'S SERVICE
1128	SHAIKHA YOUSIF ASHEER(BH09501326), NOOF KHALID ABDULLA(BH09500902), MOZA JAMAL ABDULLA(BH09500605), MAY KHAMIS ALMALKI(BH09500760), NAJLA SAIF ALAJMI (BH09501233)	ROYAL UINVERSITY REGISTRATION (RUS)
1129	NAJEBA MOHAMMED AL- SANNA(BH09500892), MARYAM MANSOOR MOHAMMED(BH09500665)	SAMA AL BAHRAIN GENERAL SERVICE W.L.L.
1132	SARA HASSAN HADI(BH09501507), ZAHRA EBRAHIM AL-ANSARI(BH09501473), ZAHRAA AQEEL HUBAIL(BH09500532), MOZA JUMA AL- OTAIBI(BH09501084), FATIMA MOHAMMED ABDULLA(BH09500076)	SPARADISE SALON AND SPA ONLINE APPOINTMENT SYSTEM
1133	SAYED DHAIA MOHAMED JAFFAR(BH09501070), SAYED JAWAD HASSAN JAFFAR(BH09501071)	NASSER PHARMACY INVENTORY SYSTEM
1134	EBRAHIM KHALIL EBRAHIM(BH09500881), LATIFA KHALIL(BH09501186), MUNA A.JABBAR(BH09500920),SARA ALI ISMAEEL(BH08500745), SARA AHMED ABDULLA(BH09501288)	TAKAFUL INSURANCE ONLINE SYSTEM
1139	MARIAM SAAD ABDULLA(BH09501320), RASHID OTHMAN AL OTHMAN(BH09500924), ADEL A.AZIZ AL HAMMADI(BH09501402), MOHAMMED ISMAEEL ABDULLA(BH09500513), KHAIRY	FITNESS FIRST MEMBERSHIP SYSTEM

	SULTAN	
	KHAIRY(BH09500657), YAQOOB YOUSIF ABDULLA(BH09500034)	
1141	AHMED A.RASOOL ALNANNAI(BH08500723), EBRAHIM MOHAMMED YAQOOBI(BH06500113), EYAD NASSER ABDULLAH(BH09501219), ZAINAB TAIMOOR KARIMI(BH09501530)	HUMAN RESOURCE SYSTEM FOR GLOBAL SYSTEM
1143	FATIMA ALI ALBALOOSHI(BH08500278)	FAMILY CLINIC MEDICAL SYSTEM
1147	ABDULLA RAJAH AHMED(BH08501500), HASAN JAFFAR MOH'D(BH09501383), AHMED ABDULREDHA(BH09501327), ALI AYOOB ALI(BH08501454)	AMA ONLINE EXAMINATION SYSTEM
1149	S.ALI ABDULLA(BH09501156), MOHAMMED AHMED(BH07501562), AISHA THABET JANAHI(BH09500444), THAJBA AL QAISI(BH08501504)	TAYLOOS BOOKSHOP
1181	TURKI MATROOK(BH09501445), SARA A.RAHMAN JASSIM(BH09500890), REEM MOHAMMED(BH08501421), HAMAD ISA JANAHI(BH09501611), SALEH ALI MOHAMMED(BH09501114), ZINAB ALALAWI(BH08500592)	MODERN INSTITUTE REGISTRATION SYSTEM
1182	AHMED ZAINAL(BH08501233), KHALID MOHAMMED(BH09501231), AHMED NAJEED(BH09501284)	GLOBAL SCHOOL SYSTEM
1183	MARAM SAMI ALI(BH09500755), FATIMA MOHAMMED ASHEER(BH09501318)	MARAM HOTEL
1184	ZUHRA ABBAS(BH08500424), MARWA A.HAMEED(BH09500680), RAJA AWACHI(BH09501620), MOAR ALI(BH09501232), AHMED YOUSIF(BH09500992), AHMED EBRAHIM(BH09501192)	E-INTERNATIONAL HOSPITAL SYSTEM
1185	AMMAR AHMED(BH09501544), FAHAD BAHAR(BH05501265), AHMED RASHED(BH09501539)	RAMEE INTERNATIONAL HOTEL RESERVATION SYSTEM
1186	ALIA EBRAHIM ALBUFALAH(BH09500405), AMAL MOHAMED AHMED(BH09501361), AMNA RASHED(BH09500036)	ALMOAYYED ELECTRONICS ONLINE SYSTEM
1187	KHADIJA HABIB(BH08501081), ZAHRA AHMED(BH09501409)	PHARMACY ORDERING SYSTEM

1188	SHAMSAN ABDULMAJEED MOAMEN(BH09500874), MAYTHAM AHMED MARZOOQ(BH05501963), ABDULLA SHAKER AL AALI(BH09501118), ABDULLA SHAKER ALHALWACHI(BH09501590), YOUSIF MOHAMMED ABDULLA(BH07500272)	LIVE GAMING REGISTRATION SYSTEM
1189	ALI KHALID AL SADA(BH09500427), AMAL SALAH ALGHURAIR(BH09501588), DHIRAR MOHAMMMED AL SHAER(BH09501538), FATIMA	BASKIN ROBBINS ORDERING SYSTEM
	MUFTAH SAAD(BH09500699), HAMAD JASSIM HAMAD(BH09500960), MOHAMMED HAFEDH AL SHAIKH(BH09500390)	
1190	RUQAYA SULTAN EBRAHIM(BH09501501), AMEERA AHMED ALHADAD(BH09500318), HESA ABDULHAKEEM(BH09501234), ALRUMISA A.HAKEEM(BH09501235)	ONLINE RESERVATION SYSTEM FOR CINEMA
1191	NAHLA MOHAMMED JAFFAR(BH09501331), NAJLA JUMA ALI(BH09501319)	H&M FASHION SYSTEM
1192	ABDULLA TALAL ALASADA(BH05501669), ABDULWAHAB ISMAEEL(BH09501086), AHMED FAISAL ALMARZOOQ(BH09500233), NASSER SALEH FARAJ(BH08501039), SAUD ISA SAUD(BH09501264)	PROPOSED CUSTOMER RELATIONSHIP MANAGEMENT INFORMATION SYSTEMS(CRMIS) FOR STARBUCKS- BAHRAIN
1193	FATIMA HASSAN MATTAR(BH09501511), ZAINAB SAYED JALIL(BH09501496), ALYA HUSSIEN MARZOOQ(BH09501305), ZAHRA AQEEL HAIDER(BH09500143), JAMEEKA ALDHEFAIRI(BH09500461), NOOF ABDULLA(BH09500186)	E-ADVERTISING FOR WOMEN ACCESSORIES
1194	FATIMA MOHAMMED ABDULLA(BH08501226), FATIMA SAYED HASSAN(BH09500600), EMAN MOHAMMED ALJASSAS(BH09500124), DUAA S.JAWAD ALMOSAWI(BH09501458), FATIMA A.HADI ALFARDAN(BH09501453)	THE PRICNESS PALACE SALOON SYSTEM
1195	BADER Abbas ALI(BH09501456), NOORA MOOSA ALI(BH08501306), SAYED MOHAMMED EBRAHIM(BH09501267), SAYED MOHAMMED AHMED(BH09500135), ISA ABDULNABI HAJI(BH09500519), BASMA MOHAMMED JAFFAR(BH08500699)	JOBS4BAHRAINIS

1196	KAHLIFA AHMED SALMAN(BH07501095), ALI YOUSIF RASHDAN(BH09500778), AHMED ABDULLA JAFFAR(BH07500367), ALI MOHAMMED A.RASOOL(BH07500782), FARES FARIDOON(BH08500488)	ZAMIL AIR CONDITIONERS
1197	DANA YOUSIF ALSHAMSI(BH09501017), RANYA ALZAYED(BH09500937)	SYSTEM OF ONLINE CUPCAKE DELIVERY
1198	ALI AHMED YAQOOB(BH09501394), ALI HASSAN KHAMIS(BH09500934), LATIFAH MOHAMMED(BH09501137), MAYTHA YOUSIF(BH09501258), WADHA ABDULLA(BH09501005)	PROPOSED AL SENDI BOOKSHOP COMPUTERIZED SYSTEM
1199	MOHAMMED ALASWAD(BH09500312), MAHMOOD MOHAMMED RASHID(BH09501315), HUSSAIN ADEL(BH09500424)	BATELCO
1207	AISHA HASSAN SHOWAITER(BH09500487), ABRAB FAKHRI ABDULLAH(BH09500343), AHMED SHAWQI	PROPOSED ONLINE BOOKING SYSTEM FOR SPECIAL DIETS
	ALMARZOOQ(BH08500256), YOUSIF MOHAMMED JANAHIBH(BH09500663)	
1211	NADER ADNAN HAIDER(BH09500145), AHMED ABBAS ABDULHUSAIN(BH09500430), SAAD ALMALKI(BH06500076), HAMAD YAQOOB(BH09500453), SADIQ KHALIL AHMED(BH09501033)	ONLINE ORDERING SYSTEMS KFC RESTAURANT
1223	ZAHRAA ABDULLA KHALAF (BH09500016), SEHAM NASSER AHMED (BH09500938), AMEENA ABDULLA MOHAMMED (BH09501379), ZAHRAA ALI (BH09501481)	ONLINE APPOINTMENT SYSTEM FOR PURE TOUCH SALON
1224	DUAA A.KARIM ALANSARI (BH08501432), HESA MYKHLEF ALANZI (BH09500150), MOHAMMED EBRAHIM MOHAMMED (BH07500098), NOOF ALAJIMI (BH08501478), NOORA JASSIM ALTHAWADI (BH09501561)	PROPOSED FITNESS FIRST ONLINE CLUB MEMBERSHIP SYSTEM
1225	SHAREEFA ABDULRAHMAN (BH09500393), NAHLAH ALHUSAINI (BH09500242), FATIMA YOUSIF (BH09500216)	MANAGEMENT SYSTEM FOR FITNESS FIRST GYM
1228	BUSHRA ABDULLA ABDULAZIZ (BH09501170), DUAA AGMED ALGHAIIS (BH09501253), RAMLA SALMAN ALI SALMAN (BH09501335), DANA EMAD HAJI (BH09501614), SAMYA HASSAN ALSHOWAIKH (BH09501352)	APPOINTMENT SYSTEM FOR EVE BEAUTY SALOON

1232	NOORA ALBANNAI (08501229), ESSA TOORANI (07500719), ALI ALBALUSHI (07501400), MOHAMED ALKOOHEJI (09500114), HUSSAIN ALSAATI (08500900)	LIBRARY MANAGEMENT SYSTEM OF SHEIKH ABDULLA SCHOOL FOR BOYS
1235	ALI HUSAIN ALASAFY (BH09501542), RASHED QASSIM BUALI (BH09500130), HUSSAIN SAEED YOUSEF (BH09500476), HESHAM HASSAN ALI (BH09501052), JASSIM EBRAHIM JASSIM (BH13500610)	SALES SYSTEM OF SUPER LAUNDRY COMPANY
1237	ALI HASAN (BH09500691), AMAL ALI (BH09501159), FATIMA ADEL (BH09500974), FATIMA MAHDI(BH09501417), MOOSA JANAHII (BH09501013)	LAMAR CHOCO FOR CHOCOLATE STORE COMPANY
1245	MOHAMED RADHI ALI HASSAN (BH09501410), ALI EBRAHIM ALOWD (BH09500134)	DESIGNERS GUIDE PAINTS SYSTEM
1253	FATIMA ALI ABDULLA (BH08501296), SARA AHMED HABIB (BH09500486), KUBRA ABDULAZIZ (BH09500964), WALAA SAYAD (BH09501055), SARA AHMED ABDULLA (BH09501043)	MANAGEMENT SYSTEM FOR ISA TOWN LIBRARY
1254	AMINA MOHAMED (BH09500300), FATIMA SAYED JAFFAR (BH08500676), HIND HAMED (BH09501558), YOUSIF HAMED (BH09500991), BASEMA SALEH (BH08500775)	VENDOR MANAGEMENT SYSTEM FOR E- INTERNATIONAL HOSPITAL
1257	SAYED ALI HASHIM SHARAF (BH09500514),	AL-BAHRAIN TRADITIONAL RESTAURANT
	ABDULLA JASSIM ALI (BH08500840), MOHAMMED HASSAN A.ALI (BH09501044), AHMED SALMAN (BH09501600), MOHAMMED ADEL ALANSARI (BH09500362), ALI ISA (BH09500895)	ORDERING SYSTEM
1260	JASSIM MOHAMMED RABEEA (BH09501183), AHMED SAEED OBAID (BH09501261), AMMAR JALAL RASHID (BH09501194), JAWAD ALFARDAN (BH09500162), ALI A.WAHAB ALI (BH08500639), MOHAMMED YUSUF AHMED (BH09500528)	ONLINE ORDERING SYSTEM FOR ADIDAS CORP.
1288	MANAL EBRAHIM (BH09501404), AMINA ALHAWAJ (BH08500918), MARIAM WALEED (BH09500923), RAJA HASSAN (BH08500582), MARIAM ALSHINOO (BH09500084)	KING HAMAD HOSPITAL SYSTEM
	NOOR ESSA HASSAN (BH09500947),	

1304	BASHAYER GHASSAN FAKHRO (BH09500575), FATEMA A.REDHA MOOSA (BH13500652), HUDA MOHAMMED ABDULLA (BH09501311), SARA MOHAMMED KHALFAN (BH09500886)	MANAGEMENT SYSTEM FOR THE BLACK BEEN CAFÉ
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### Bachelor of Science in Business Informatics List of Thesis SY 2014-2015

Accession Number	Student Name	Thesis Title
1310	SALMAN EBRAHIM SALMAN ALSHAKHOORI (09501329), EBRAHIM HAMEEL ALMUBARAK (09501441), SAHAR MOHAMMED (09501560), MAHMOOD AQEEL MOHAMMED (08500673)	BOOKING SYSTEM FOR SUHA TRAVEL & TOURS
1350	HUSSAIN SAEED (07500577), MOHAMED REDHA (09501471)	VENDOR MANAGEMENT SYSTEM FOR MONTANA CAR SHOWROOM
1354	YOUSIF KHALIL SULTAN (09500335), FATIMA ISMAIL ABDULLA (09500364), ROZA ALZAABI (09501201), MOHAMMED HILAL (09500431)	MAERSK DELIVERY ONLINE SYSTEM
1355	HUDA SAYED HASHIM (09500449), HUSSAIN MOOSA (08501397), REEMA ALI (08501605), LAYLA HUSSAIN (08500599)	HEAD TO TOE SALOON ONLINE RESERVATION SYSTEM
1356	AHMED ABDULLA YUSUF ABDULLA (09500932), AHMED MESHAL AHMED (09501028), SYAED HASSAN MAHDI (09500872), MUSTAFA SHAKER ALMAHOOZI (09500201)	ONLINE ORDERING SYSTEM FOR MCDONALD'S RESTAURANT
1357	NAYEF FAWZI HASSAN AL SHEEB (09500677), ABDULLA JAMAL ABDULLA AL SAQER (09501099), MOHAMMED KHALID MOHAMMED (08500843), MOHAMMED JAWAD A.AZIZ (09500893)	ONLINE ORDERING SYSTEM FOR NIKE COMPANY
1359	FATIMA NABEEL HUSAIN (09501528), RUQAYA MOHAMMED JAFFAR (08500497), MUNYAH OJAIMI ALI (07501005), KHALID MAHMOOD MOHAMMED (09501527)	ONLINE LIBRARY MANAGEMENT SYSTEM
1360	SYED ALI BAKHTIAR SHAH (05500467)	ONLINE ORDERING PLACEMENT SYSTEM FOR ADAM OVEN RESTAURANT
1361	ALI HASSAN ALI (07500366), FATIMA M.ALALI (09501309), NOOF RADHI (09500602), TALAL ALHAJ (08501349)	BAHRAIN GYM AND SPA ONLINE - MEMBERSHIP SYSTEM
1364	ZAHRA HASSAN AHMED (09500375), ZAINAB ADEL AHMED (09500352), MARIAM JABER AHMED (09500043)	RESERVATION SYSTEM FOR DANA WEDDING HALLS COMPANY

1365	HUDA ABDULLA (09501023), MONA AHMED MUSLEH (09501420), MARIAM FUAD ABDULLA (09501421), MOZA ALKHAJA (09500829)	INVENTORY SYSTEM OF MEAT TOWN FACTORY
1367	ATEYA MULLA YUSUF MULLA ATEYA (09500957), AYSHA MOHAMMED (09501142), S.ALAWI HADI ALI (09500566), MAHMOOD ABDUALI MANSOOR (08501591), EBRAHIM KOOHEJI (09501477)	FITNESS ONLINE REGISTRATION SYSTEM OF OXYGEN GYM COMPANY IN THE KINGDOM OF BAHRAIN
1369	MARIAM A.RAHMAN QAHTAN (09500943), NOORA JASSIM ALSENDI (09500828), SARA NABEEL MAHMOOD SULAIBEEKH (09500863)	DESIGN AND DEVELOPMENT OF ONLINE CUPCAKE DELIVERY IN THE KINGDOM OF BAHRAIN
1374	SAYED SADEQ MOHAMMED BAQER (09501466), ALI AHMED ABU SAAB (09501245), SAYED AHMED TAQI ALI (09501415), EBRAHIM A.AZIZ BARMI (09501056)	MAINTENANCE MANAGEMENT SYSTEM OF AL-SALAM AIRCRAFT
1377	AHMED MIRZA MOOSA (09500590), SAYED ADNAN NAZAR (09500734), SAYED JAFFAR HAMZA (09500735), MURTADA ALHUSSAINY (09500675), DEYA SALMAN (09500558), ALI JAFFAR (09500564), MOHAMMED FADHEL (09500019)	ASIA CAR RENTAL SYSTEM
1378	ANAM ABDUULAH ALMOGHALLIQ (09500953), MOHAMMED A.REDHA (08501321)	CAR RENTAL SYSTEM
1379	AHMED ABDULRAHMAN ALAWADHI (08501179), HASSAN SAEED HASSAN BAQER (09501188), MASOOMA SAEED HASSAN BAQER (07500596)	ONLINE ORDER SYSTEM AL ZAIN JEWELERS
1380	ABDULLA ISA AHMED TURKI (09501251), DUAA HAMEED (09500608), MOHAMMED EBRAHIM DENLY (07500648), YOUSEF EMAD (09501503)	ISA TOWN LIBRARY DATABASE SYSTEM
1383	AHMED KHALIFA (06500915), MUBARAK ABDULLA (09501607), KHALID ALWAZZAN (09500904), MOHAMMED ALKAABI (09501063)	DESIGN AND DEVELOPMENT OF ONLINE CUPCAKE DELIVERY IN THE KINGDOM OF BAHRAIN
1402	YOUSIF HISHAM AL HUSSAINY (09501324), MUNEERA ADEL AL MASKATI (08500258)	ONLINE SELLING FOR SALUT FASHION SHOP
1404	EBRAHIM KHALIL EBRAHIM AL HADDAD (09500260)	ONLINE REGISTRATION SYSTEM OF AL GOSAIBI GYM IN THE KINGDOM OF BAHRAIN
1414	NOOF ALKHALDI (07501280), NOORA ALI ALJABER (08501098), LULWA JAMAL ALABBASI(09500147)	INTERNATIONAL HEALTH HOSPITAL SYSTEM

1415	FATIMA ALI ABDULLA SABAH (08501057), SARA MOHAMMED EBRAHIM (09501387), AHMED YOUSIF ALABBASI (08500421), NOOF AHMED ALKOOHJE (05502244)	ONLINE ORDERING SYSTEM FOR SUPPLEMENT HOUSE COMPANY IN THE KINGDOM OF BAHRAIN
1416	FATIMA S.FAISAL ALALAWI (09501089), ZAHRA ABDULKARIM HASSAN (09501580), HUSSAIN MOHAMMED ALJAR (09501516), TAIBA FARHAN ALFARAJ (09500906)	ONLINE REGISTRATION SYSTEM OF ROYAL BAHRAIN HOSPITAL IN THE KINGDOM OF BAHRAIN
1420	MOHAMMED REYADH ALSAFFAR (09501537), ABDULLA JAFFAR ABDULLA (09500435), LAYLA ISA JASSIM (09501478), FATIMA SALEH ABDULLA (09501001)	INTERNATIONAL SCHOOL OF CHOUEIFAT
1421	SALAMA OTHMAN ALHADDI (09501556), MARIAM KHALIL MOHAMMED (09501554)	PACE E LUCE ONLINE RESERVATIONS FOR SALOON
1422	MARYAM SAYED ABDULLA (08500960), FATIMA MOHSEN (09501584), AMER ALKETBI (08501227), MOHAMED CHEHADI (09500098)	FATIMA ALMANSOORI YOUGA FIT CENTER
1423	JAAFA ABDALI AHMED (08501540), ZAINAB MOHAMMED ISA (09500137), MARYAM ADEL (09500464), YOUSIF JABBER SUHRAB (08501446)	ALFARDAN TRADING ONLINE ORDERING SYSTEM
1432	OSAMA AHMED MOHAMMED (09501353), AHMED MAHMOOD AHMED (09501492), ZAINAB YOUNIS (08500223)	ONLINE EXAM MANAGEMENT SYSTEMS
1433	MOHAMMED TAHA ABDULHUSSAIN (09500577)	BUNO BAKERY ONLINE SYSTEM
1436	REEM AQEEL (09500429), FATIMA ABDULAZIZ (08500161)	LIGHT SPEED ONLINE PAYMENT
1439	NADA ALTAMIMI (09501393), EMAN SALMAN ALALAWI (09500321), FATIMA MUBARAK ALBUAINAIN (09500101), FATIMA A.ALI ALQALLAF (09500434)	IBN ALNAFEES HOSPITAL EMPLOYEE ONLINE TRAINING SYSTEM
1447	ISA MOHAMED ALI (09500552), JUMMA ALDOY (09500507), MAHMOOD JAWAD (08500944), MOHAMMED MAHMOOD (09501342)	ONLINE ORDERING SYSTEM FOR SUPPLEMENT HOUSE COMPANY
1449	MOHAMMED SALMAN (08500924), KHALIFA BUALLAY (09500987), ALI SEYADI (09501391), MARWA AHMED (08500896)	ONLINE APPOINTMENT SYSTEM FOR ALRAYYAN HOSPITAL
1455	NOOR ABDULELAH BARDESTANI (09501068), AMAL ALI ALDOSSARY (09500592)	ONLINE APPOINTMENT SYSTEM FOR BARDESTANI SALOON & SPA

1456	FAI ABDULLA ALHUSAINI (09500946), ABDULAQADER ABDULRAHMAN ALKOOHEJI (09501547), EMAN MOHAMMED ALTAJER (09501448), MOHAMMED ABDULRAZZAQ ALSHARQAWI (06500635)	INVENTORY SOFTWARE MANAGEMENT SYSTEM
1457	ZAINAB YOUNIS HUSSAIN (09500047), ZAINAB KAZEM DASHTY (09500458), LATIFA MOHAMMED ALHAMAR (09500856)	HALLMARK ONLINE BOOKSHOP

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Accession Number	Student Name	Thesis Title
1479	MAHMOOD HAFEDH ALI (09500410), S.AHMED ALHASHIMI (08501015), HUSSAIN SAEED ASHOOR (09500189), KHALED SAEED MOHAMMED (08501005)	RABEA CAR RENTAL COMPANY
1491	MUATH ALDOY (12500024), FAHAD AL SADOON(12500538), MAHMOOD TARRADAH (06500651)	MANAGEMENT SYSTEM FOR ABC SHIPPING COMPANY
1495	HASAN MOHAMMED ALISA (12500237), ABDULLA ADEL ALHERMI (12500291), ALI HASSAN BEHZAD (12500409)	ONLINE ORDERING SYSTEM FOR SUPER SEAL DOORS COMPANY
1496	AHMED ABDULAZIZ AHMED (10500974), OMAR ABDUSALAM ALSAYED (12500159), ABDULLA ALI ALGATAM (10500741), ABDULRAHMAN MOHAMMED RASHDAN (12500025)	ONLINE ORDERING SYSTEM FOR RED TAG CORP.
1497	SAKINA KHUDOR HASSAN (12500215), ZAHRA ALI SALMAN (12500099), REEM KHALID (12500202), NIZAR VALKI (13500819)	DIGITAL LIBRARY MANAGEMENT SYSTEM FOR NATIONAL LIBRARY OF BAHRAIN
1500	ABDULLA MOHAMMED JAFFAR (09501514), SYAED ABBAS FAISAL ALALAAWI (09501575), MAHMOOD MOHAMMED ALI (09500747), HUSAIN JASIM MOHAMMED (09501508), ABDULLA ALI ALJABER (09500990)	ONLINE APPOINTMENT SYSTEM FOR AL HILAL HOSPITAL
1501	FATIMA WAHEED ALMANNAI (09500214), SAFIA MOHAMMED ALSHAER (08501075), SAMA SAYED MAJEED QAHERI (08500662), BADRIA HABIB ALI (09501148), AMEENA FAISAL ALKUBAISI (09501279)	ONLINE BABY NURSE MAID SYSTEM
1502	AYSHA HASAN ISA ALSUMAIM (09500425), FATEMA JAMEEL HASAN (08501038), NOOR ABDULAZIZ ALHAJRY (09500822), MARWA MOHAMEED ABDULLA (09500834), WALA	ONLINE APPOINTMENT SYSTEM FOR PRINCESS SALON

	ABDULJALIL YOUSIF (07500578)	
1503	ZAINAB MOHAMMED KHALIL (09500535), HUSAIN ABDALI AHMED (07500277), MOHAMMED AHMED YUSUF (09500836), ABDULLA SALEH MOHAMMED (09500469), FATEMA YUSUF MOHAMMED (08501252)	SPARADISE SALON AND SPA ONLINE APPOINTMENT SYSTEM
1504	NOOF KHALED ALTHAEADI (08500205), BUDOOR	AL SEEF CAR RENTAL RESERVATION
	SALEH KHALAF (09500780), MOHAMMED NASER SAIF (09501351), ABDULLA FUAD ALMASLIMANI (06500127), RASHED ALI MUBARAK (08501269)	SYSTEM
1505	OMAR HUSAIN AHMED (09500740), YUSUF AHMED ASHEER (09500170), ISMAEEL MOHAMMED ALASRI (08500633), HUSAIN MOHAMMED THABET (08500627), ABDULLA SAYED HUSAIN (09500935), AHMED ABDULLA ALSLALATNEH (09501442)	ONLINE ORDERING SYSTEM FOR LILOU CUP CAKE
1506	AMIRA MURTADHA KHORSHED (09500676)	ONLINE APPOINTMENT SYSTEM FOR BARDESTANI SALOON & SPA
1524	RAWEYA MOHAMMED (12500076), ZAINAB MANSOOR (12500084), MARIAM ALSHARF (12500150)	HEALTH 360 ANCILLARY SERVICES CLAIM AUDIT SERVICES SYSTEM
1525	SARA ALANSARI (12500046), AYSHA ALSHAER (12500041), REEM ALJALAHMA (12500060)	UNIVERSAL BANK TELLERS PRODUCTIVITY SYSTEM
1526	MOHAMMED A.NABI HASAN (09500579), ZAINAB A.MONIEM ALMARZOOQ (09500570), ZAINAB YOUSIF AHMED (09500975)	CUPCAKES WORLD
1527	SAMEERA A.RAHEEM ZAINAL (12500424), KHALIFA MOHAMMED ALDOSERI (13500178)	ISA TOWN SPORT CLUB HUMAN RESOURCE MANAGEMENT SYSTEM
1528	NOOR ALDOSSARI (12500080), ZAINAB A.HAKEEM (12500125), MOHAMMED JAFFAR (12500018)	ORDERING SYSTEM FOR COCO HOUSE CAFÉ
1529	AHMED MOHAMMED AHMED (12500029), TALAL HASSAN ALANSARI (12500045)	IBN ALNAFEES HOSPITAL BIOMEDICAL DEPARTMENT INVENTORY SYSTEM
1530	DUA MOHAMMED ALRUFFAEI (12500008), MARWA MOHAMMED AHMED (12500016)	STUDENT RECORD MANAGEMENT SYSTEM FOR AL TADHAMUN SECONDARY GIRLS SCHOOL
1531	WAFA SHAWQI (12500311), FATEMA ALARADI (12500246)	TIMETABLING SYSTEM

1533	GHUFRAN OSAMA (12500077), ZAINAB MOHAMMED ALI (12500064), LAMYA MOHAMMED ALI (12500153)	ONLINE PRIVATE TUITION MANAGEMENT SYSTEM
1534	MAISA ALI ALARADI (13500563)	BUSINESS LICENSING INTEGRATED SYSTEM : AN ENHANCEMENT
1536	MARYAM KHALID ALGHAREEB (09500844), MANAL FAHAD TAHER (08501161), SAYED HUSSAIN HASHIM (09500381)	APPOINTMENT AND REGISTRATION MANAGEMENT SYSTEM FOR AL-AMAL HOSPITAL
1537	HUDA S.ADNAN MAJED (12500235), JUMANA JAJIH (12500421), KHADIJA SAYED HASHIM (12500475)	ONLINE HUMAN RESOURCE MANAGEMENT SYSTEM FOR AHLI UNITED BANK
1562	OMAR JABER AYYASH (08501494), MAITHAM ALI SALMAN (09501120), ADNAN ABDULLA AHMED (09500007)	ELECTRONIC SHOP MANAGEMENT SYSTEM (INVENTORY MANAGEMENT SYSTEM)
1563	FADHEL Abbas HASAN (13500043), RASHED SAEED ALSAMAHIFI (12500534), AHMED MANSOOR AHMED (12500550)	HEALTH CARE MANAGEMENT SYSTEM
1564	EMAN ALQATTAN (12500010), FAJER ALMARRI (09500670), FARAH JANAH (12500044)	EURO MOTORS CAR RESERVATION SYSTEM
1565	ALI ADEL OMRAN (09501163), HASSAN FADHEL ALASFOOR (09501587), AHMED NAJEEB MOHAMMED (08501515)	SAYED MAHDI REAL STATE BROKING SYSTEM
1566	SHROUQ SHARIF (12500231), SHOOQ SHARIF (12500187), JAWAHER AHMED (13500248)	MOM 365 HEALTH CARE APPLICATION
1567	NOOR HABIB HASSAN (09501290), SARA JASSIM RASHED (09500203), MOHAMMED FAHAD (13500472)	THE EFFECT OF PROJECT MANAGEMENT IN QUALITY CONTROL
1568	ALI SAEED NOOH (08501362), SAYED MOHAMMED SHUBBER (09501227), MAHMOOD ALHALWACHI (08501615)	DEVELOPING AN E-COMMERCE FOR A BUILDING SUPPLY AND CONSTRUCTION COMPANY
1569	ZAHRA ISMAIL (12500048), ZAHRA A.AIZ (12500088), EMAD ISA (12500070)	INTERNAL TRACKING SYSTEM FOR STUDIO CERAMICS
1570	ISRAA A.ELAH SHAKEEB (09500553)	LAW MANAGEMENT SYSTEM
1571	SHAHEEN MOHAMMED ALI (12500078), ZAINAB MOHAMMED ALI (12500079), ISAN NASER ALNOAIMI (12500369)	COMPUTERIZED EXAMINATION SYSTEM FOR HUMAN RESOURCE MANAGEMENT
1572	EMAN RASHID (12500053), LATIFA RASHID (1250011)	WORK FLOW MANAGEMENT SYSTEM FOR AWAL GARAGE
1573	MUSAB ABDULLA ALNAJEM (09500845), KHALIL	MESSAGING SYSTEM FOR ALWEHDA SCHOOL

	EBRAHIM BUKHAMMAS (08500059)	
1574	HAYA MOHAMMED ALOTAIBI (12500197), NOOF SALAH SAAD ALATEYA (12500204)	SUPPLY CHAIN MANAGEMENT (BAHRAIN GULF PHARMACY)
1575	BATOOL JAFFAR ALI (12500317), YOUSIF ABDULLA (12500122), ALI REYADH (12500124)	ONLINE HOUSING SERVICES SYSTEM
1577	SARA FUAD ALI (12500399), ISA ABBAS FATHALA (12500028), NOORA AHMED ALTHAWADI (12500444)	PROPERTY MANAGEMENT SYSTEM IN BAHRAIN
1578	ANTONEE ALIMUIN (12500139), MONICA BAUYON (12500449), EIRA BACHARO (12500495), KRISTINE ALCANTARA (12500241)	ITEM ARCHIVES ONLINE SHOP
1579	AMMAR MANSOOR ALQASSAB (12500133), HUSAIN EBRAHIM (12500126), YOUSIF ABDULKARIM (12500049)	SEARCH ENGINES APP (MY SEARCH)

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Accession Number	Student Name	Thesis Title
1580	DALAL KHALID ALHAMMADI (09501484), ANWAAR ALI AHMED (09500008), JUSSAIN ABDULAZIZ (09501541)	E-CARYOKA BOOKSTORE
1581	SARA YOUSIF KHALIFA HASSAN (12500093)	ONLINE RESERVATION SYSTEM FOR FIT HEALTH CLUB
1594	HESSA BUZABOON (13500519), MOHAMMED FAISAL (13500170), MANAR NADER (13500258)	E-SHOPPING PORTAL FOR ALJAZIRA SUPERMARKET
1595	OMAR HASAN ALEID (12500338), KHALID FAISAL (12500298), ABDULLA ALI ABDULLA (12500233)	ONLINE ORDERING SYSTEM FOR SUPER SEAL DOORS COMPANY
1596	FATIMA HASSAN ALI (13500290), MARYAM ISA HASSAN (12500436), NOORA EHSAN KAMAL (13500193)	LAKEL'AND SALES AND INVENTORY MANAGEMENT SYSTEM
1597	ABDULLA MOHAMMED ALI (12500158), HUSSAIN MOHAMMED ALI (12500313), SARA HASSAN SHARAF (08501150)	E-WAREHOUSING SYSTEM FOR BUILDING ENGINEERING
1598	FATIMA JASIM (13500126), SARA AHMED (12500282)	OUT PATEINT APPOINTMENTS SYSTEM KING HAMAD UNIVERSITY HOSPITAL-MUHARRAQ
1599	ALI ADNAN SHAKER (12500131), ALI SHUKRI QAROONI (12500098), SALMAN MOHAMMED (12500161)	SCHOOLBOARD WEBSITE

1600	HUSSAIN SAEED (12500165), HASSAN ALI (12500166), YOUSIF MAJEED (12500251)	DESIGNING A MANAGEMENT SYSTEM TO CONTROL ON-SITE CONSTRUCTION MATERIAL USAGE
1601	BEDOOR BAQER ALKHOE (13500324)	E-APPOINTMENT OF CUSTOMERS IN BEAUTY SALONS
1602	ALI NASSER ALGHATAM (13500464), FAHAD SULTAN ALDOSERI (12500163), HUSSAIN ALI HUJAIR (12500220)	ONLINE BANKING MANAGEMENT SYSTEM
1603	ZAINAB ASHOORY (12500136), YUSUF NASSER QAMBAR (12500040), ZAINAB WATHEQI (09500941)	STUDENTS INFORMATION SYSTEM FOR BRITISH SCHOOL
1604	MARYAM HAMAD (12500207), MARIAM ALI ABDULLA (12500339)	E-TENDERING SYSTEM OF TENDER BOARD
1605	OMAR A.RAHIM MOHAMMED (12500568), AHMED MOHAMMED ALMARZOOQI (12500263), ABDULRAHMAN NABEEL ABDULLA (12500324)	E-SUPPLIER MANAGEMENT SYSTEM OF SPORTS PRODUCTS
1605	ZUHAIR EBRAHIM SALMAN (12500037), SARA LHALID ALASIRI (12500051), HUSAIN NAJI HASAN (12500461)	ALHMEDI FACTORY STAFF TIME SCHEDULING SYSTEM
1606	FATIMA ALBUAINAIN (12500256), ASMA ALMAHMOOD (12500230), WAFA FARHAN ISMAIL (12500101)	THE E-SHOP
1607	EBRAHIM MOHAMMED ALSARH (13500714), SHOOQ ISA BUJANDAL (12500130), JASSIM MOHAMMED ALI (13500550)	ES GYM MANAGEMENT SYSTEM
1608	ABRAR SAMEER A.HAMEED (12500167), FATIMA HUSAIN ALSAYEGH (12500321)	ELECTRONIC FOOD ORDERING (MARMARIS RESTAURANT)
1609	AMEERA S.JAWAD MOHSEN (13500576), ROQUIA S.MARHOON ALALAWI (14500177), MARYAM A.AMEER ABDULLA (13500631)	PATIENTS MANAGEMENT SYSTEM OF AMERICAN MISSION HOSPITAL
1610	ISA ALI ABDULLA (12500334), SAYED AMMAR ALAWI (12500228), YOUSUF AHMED HASSAN (12500115)	LASER CAR CARE SYSTEM
1612	FATIMA EBRAHIM ALQATTAN (13500299), AMEERA SAYED RADHI (08501125), NOORA EBRAHIM ALZAYANI (12500026)	E-APPOINTMENT SYSTEM FOR DENTISTRY PATIENTS
1613	SAUD JASSIM BU ALI (12500385), FATIMA FAISAL KHALFAN (12500333), KHALID HASSAN JUMA (12500398)	E-PHARMACY AND MEDICAL CONSULTATION SERVICES
1614	ALI ISA ALSHEROOGI (09500536), KHALID SHEHAB MOHAMMED (09501138), AHMED NAJI HABIB	E-TOYS RETAILMANAGEMENT SYSTEM

	(09500324)	
1615	SARA ARAD (13500292), NAHED ALTAMEEM (12500279), HAYA SALEH (14500277)	HR PROFILING SYSTEM FOR ZOOM ADVERTISING COMPANY
1616	SALAHALDIN ALAHMED (09501440), EMAN ALASHAR (13500049), MUNEERA ALKHALIL (13500081)	ONLINE REGISTRATION FOR UNEMPLOYED CITIZENS MINISTRY OF LABOE-BAHRAIN
1617	ABDULLA HABIB ALSAEQ (12500372), MOHAMMED JAFFAR MADAN (12500401), MAITHAM ABDULREDDA ABDULAZIZ (12500407)	HUMAN RESOURCE MANAGEMENT SYSTEM
1618	ADEL HASSAN AHMED (08501399), AHMED ISMAEEL BAQER (12500234), MARIAM KHALIL AHMED (12500198)	DESIGNING AN INTERACTIVE SYSTEM TO CONTROL CONSTRUCTION COST
1619	HUSSAIN RAHIMI (09500351), MOHAMMED YOUSIF (09500703), AHMED BAHLOOL (09500628)	THE PATIENTS RESERVATIONS SYSTEM OF KING HAMAD HOSPITAL
1628	Noor Yusuf Mubarak (13500239), Mohammed Jasim Mohammed (12500019)	Electronic E-Commerce of building supply and Construction Company
1631	ABRAR NABEEL ALWAZAN (13500065), MARWA HUSSAIN AHMED (13500117), AISHA KHALIFA ABUAINAIN (13500009)	ELECTRONIC INVENTORY SYSTEM FOR PHARMACIES RUYAN PHARMACIES GROUP IN BAHRAIN
1632	ABDULLA ALKOOFI (13500845), SHUAIB ADEL (13500607), JASSIM MOHAMMED (13500026)	THE IMPACT OF DECISION SUPPORT SYSTEM FOR BAHRAIN PRISON
1633	SULAIMAN ABDULLATIF (13500076), MOHAMMED SHOUKAT (13500867), SANA ALMADHI (13500242)	DEVELOPING AN APPLICATION INFORMATION SYSTEM FOR SMALL SCALE INDUSTRY
1634	SARA TOLIFAT (13500510), BUDOOR MALLALA (12500482), SUHAIR MOHAMMED (12500021)	DESIGNING AND IMPLEMENTING AUTOMATION JOB CARD MANAGEMENT
		FOR INDUSTRIAL SECTOR: EUROPEAN AUTO REPAIR WORKSHOP
1635	FADHUL KARIM (13500287), RASHED KHALIFA (13500263), NABEEL AHMED (13500149)	BAHRAIN TOURISM SERVICES SYSTEM
1636	MARYAM ALHADDAD (09501535), MARIAM ALALAWI (12500315), DANIA ALKOOHEJI (09500662)	ALOSRA BANK LOAN APPLICATION SYSTEM
1637	SARA ADEL ALAMMADI (12500054), HASEEB ZAHID HUSSAIN (12500006), KHALID MOHAMMED AHMED (12500059)	SA PHONES SALES AND INVENTORY SYSTEM
1638	NOORA MOHAMMED AHMED (12500351), SARA MIRZA MATTER (13500802), WALLA ABDULLA MANSOOR (13500797)	DEVELOPING SUPPLY CHAIN MANAGEMENT SYSTEM TO IMPROVE THE BUSINESS PERFORMANCE

1639	ABDULLA MOHAMMED AHMED JANABI (13500228), ZAINAB HUSSAIN FARDAN (12500301), ASMA SALAH SALEM (09500272)	PROJECT MANAGEMENT QUALITY CONTROL IN AHMED MANSOOR ALALI CONSTRUCTION COMPANY
1640	ABDELHAMEED MOHAMMED ABDELHAMEED OTHMAN (13500191), MOHAMMED AHMED ALKUWARI (13500735), ABDULLA ADEL BUGAHOUS (13500909)	ONLINE INSURANCE SERVICE SYSTEM
1641	A.AZIZ ISA ALSBAIT (09500724), JASSIM KHALID FAKHRO (09501136), JASSIM MOHAMMED ALI JASIM ALMUTAWA (08501002)	DELMON WALLPAPER ONLINE SALES SYSTEM
1642	MOHAMMED JAFFAR HASSAN (13500522), TALAL ISA MOHAMMED BUHAZZAH (13500521), WALEED KHALIFA BASLAR (12500549)	A REVIEW OF ONLINE VEHICLE RENTAL SYSTEM
1643	HUSAIN DAWOOD SALMAN (09501524), ABDULLA AHMED MOHAMMED (08501602), HASAN HABIB A.SAMAD (09500656)	ONLINE CAR RENTAL SYSTEM
1644	ASRAA MOHAMMED MANSOOR ALHARIR (09501169), MARYAM MUBARAK NASEEB (12500487)	DEVELOPING A PROPERTY MARKET MANAGEMENT SYSTEM FOR BUSINESS
1646	KHALIF YAQUOB (12500460), KHALID AHMED (13500599), DALAL FAISAL (13500435)	DESIGNING AND IMPLEMENTING AN ONLINE THEATER SERVICES MANAEMENT SYSTEM
1647	SAFA JAWAHERY (13500257), MARWA A.AZIZ (12500459), FAJER ALTAMIMI (12500553)	ENHANCING PERFORMANCE OF SALES EMPLOYEES THROUGH REWARD BASED SYSTEM OF CITIBANK
1648	OMRAN ALQATTAN (12500174), YASSER AL SADA (12500377)	ONLINE TRACKING SYSTEM FOR CUSTOMER IN CONSTRUCTION INDUSTRY
1662	JASSIM ISA (13500005), MOHAMMED DARWISH (13500650), MOHAMMED NABEEL (12500082)	IMPLEMENTATION OF RESOURCE MANAGEMENT TECHNOLOGY FOR THE SUCCESSFUL MANAGEMENT OF BUILDING CONSTRUCTION PROJECTS: ALMOAYYED CONSTRUCTION AND TRADING
1663	MUNEER MOHSIN DADI (13500003),KHALIFA WALEED ALTHUWAINI (13500441), HASSAN AHMED HAJI (13500535)	SERVICE MANAGEMENT FOR CUSTOMIZATION SETTING OF VEHICLE MANUFATURING
1664	ABDULRAHMAN AHMED AL-AWADHI (10501663), ISMAEEL AL-AWADHI (12500496),	E-COMMERCE FOR BUILDING SUPPLY AND CONSTRUCTION

	HASSAN SALAH AL-KHAJA (12500194)	COMPANIES
1665	MOHAMMED QASSIM (12500472), NOOR KHAMIS (13500596), SARA KHAMIS (13500591)	DISASTER RECOVERY PLAN SYSTEM FOR AMA STUDENTS INFORMATION
1666	MOHAMMED BUHAZAA (12500296), MOHAMMED ADEL SANAD (12500382)M MOHAMMED ISMAEEL (12500176)	DEVELOPING A FINANCE MANAGER SOFTWARE FOR BUSINESS FRO AL BADER COMPANY
1667	HAYAM MOHAMMED ALI AL SIDDIQI (12500238), ABDULRAHMAN EZZALDIN EID (12500400), WANAS ALI SALEM (12500275)	DESIGNING AN ECOMMERCE SYSTEM FOR GOLD AND JWEWLRT INDUSTRIES : SHIRAZI FACTORY FOR GOLD & LUXURY WATCHES
1668	HUSSAIN JAMAL ALHAYKI (12500191), SAYED MOHAMMED EBRAHIM (12500295)	INVENTORY MANAGEMENT SYSTEM FOR SMALL SCALE BUSINESS
1669	NAEEMA TAREQ AMIN (12500142), ABDULLA YUSUF AL DOSERI (13500237), HIND JAMAL AL ROWAIEI (13500549)	ESTATE VALUATION MODELING SYSTEM
1670	HAMAD AHMED FADHEL (13500046), AYSHA AHMED FADHEL (13500461), NAEEMA ABDULLA YOUSIF (13500660)	DESIGNING AND IMPLEMENTING ONLINE HOTEL BOOKING SYSTEM
1671	ALI ABDULHUSAIN JALIL DASHTI (12500361), AHMED MOHAMMED ALJAR (13500458), ALI ABDULHASSAN ABBAS (13500252)	DESIGNING AND IMPLEMENTING AN E-SUPPLY CHAIN MANAGEMENT SYSTEM
1672	HUSSAIN AHMED (13500259), MOHAMMED MAHMOOD (13500572), MAHMOOD GHULAM ABBAS (13500291)	ONLINE INTERNSHIP LEARNING MANAGEMENT SYSTEM FOR HEALTH SECTOR IN THE KINGDOM OF BAHRAIN
1673	FATEMA ABDULREDHA (13500038), AMIN MOHAMMED (13500039), FATEMA SAYED HASHIM (13500304)	CURRENCY EXCHANGE SYSTEM FOR INDIAN EXCHANGE OFFICE-ISA TOWN
1674	MAJED NAJI MANSOOR (12500196), HUSSAIN JAMEEL (12500431), ABDULLA SAMI (12500281)	DESIGNING AN EFFECTIVE FRANCHISING SYSTEM FOR A RESTAURANT
1675	ALYA MOHAMMED (13500300), KHADIJA HUSSAIN (13500289), FATIMA FAREED (13500028)	DESIGNING AND IMPLEMENTING RISK MANAGEMENT SYSTEM TO ENSURE BUSINESS CONTINUITY
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1678	YUSRA JAFFAE AL LATIF (13500525), BATOOL REDHA MOHSEN (12500454), ABRAR ABDULKARIM YAHYA (13500575)	BUSINESS PROCESS MANAGEMENT IN GOLD INDUSTRY : BIN RAJAB GOLC FACTORY
1679	SARA ABDULLA JAFFAR (13500484), SADIQ SALMAN ABDULLA (13500015), FATIMA ALI AL HAWDAR (13500741)	SERVICES MANAGEMENT IN THE RESTAURANT SECTOR
1680	AMEENA MOHAMMED ALAMIRI (13500212), BASMA WALEED ABDULRAHIM (13500215)	DESIGNING A DENTAL SERVICES SYSTEM
1681	AQEEL MUSLEM RAHIMI (13500244), ALI HASAN ISA (13500325), MAHMOOD MOHAMMED HASAN (13500363)	LOAN APPLICATION FOR SMALL ENTERPRISES
1682	MANAR MOHAMMED RADHI (12500068), MARIAM MAHDI AL-JUFFARI (13500662), ZAINAB A.KARIM JASSIM (09501015)	TECHNICAL SUPPORT SYSTEM WITH AFFORDABLE INTRANET TECHNOLOGY: AL WASAT COMPUTER SOLUTIONS
1683	MOHAMMED GHULAM ALI (12500209), AHMED NASSER (12500171), MAHMOOD HUSSAIN (12500160)	COURSEWARE MANAGEMENT SYSTEM
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1685	HUDA ABDULHADI AL-KHUNAIZI (13500332), HAWRAA MOHAMMED ALI (12500474), LAYLA ABDULLA SHARIF (12500524)	EVALUATION SYSTEM FOR WORK PROGRESS THROUGH STANDARD WEIGHTS
1686	AHMED JAAFAR JASSIM (13500166), AHMED ABDULEHHAH ALSARRAJ (13500156), KAHLIFA MOHAMMED KHALIFA (09500951)	OUT SOURCING MANAGEMENT SYSTEM FOR MAJED ALFUTTAIM PROPERTIES
1687	BADER ABDULSHAHEED (13500459), YOUSIF AHMED ABDULLA (13500162)	SUPPLIER RELATIONSHIP MANAGEMENT AND ITS ROLE IN BUSINESS FOR COSTA COFFEE

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1702	HUSSAIN ABDULLA ALFADHUL (14500076), RADHI ABDULLA RADHILL (13500557), ZAHRA MOHAMMED EBRAHIM (13500608)	SOLAR ENERGY ESTIMATION SYSTEM
1703	MOHAMMED HASSAN ALI THABET (13500245), SALMAN ISA JASSIM (13500203), MAHMOOD GHADEERI (13500538)	GAMIFICATION TEHNIQUE FOR ASSESSMENT OF MINISTRY OF INTERIOR EMPLOYEES
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1705	SALMAN EBRAHIM ALBANAA (13500842), EMAN EBRAHIM ALI (14500312), NOOF WAHEED SAFAR (13500903)	CENTRALIZED HEALTH CARE MANAGEMENT SYSTEM
1706	AHMED ASHAR ARAHMAN (14500174), ALI AHMED ALNASHABA (13500972)	TRAINING PROGRAM MANAGEMENT SYSTEM FOR BATELCO
1707	MOHAMMAD USMAN MOHAMMAD ASGHAR (14500439), FATIMA MOHAMMAD YOUSUF (14500626)	INFORMATION SYSTEM FOR PROJECT MANAGEMENT IN ORGANIZATION
1708	S.HUSSAIN SLAMAN JAFFAR (13500905), SAYED FADHEL ABBAS HAMEED (13500904), ALI MOHAMMED RADHI (14500451)	CHILD CARE VACCINATION REMINDER AND MANAGEMENT SYSTEM
1710	HASSAN MAKKI (13500951), ALI JAMAL (13500915), ALI RADHI (13500669)	GREEN COMPUTING SYSTEM FOR RAY INTERNATIONAL W.L.L.
1715	LULWA SENAN (13500129), REEM ALI (13500298), DEEMA ALI (13500295)	DESIGNING AND IMPLEMENTING EVENT PLANNING SYSTEM
1716	LATIFA JASSIM AJAJ (12500252), MARYAM YOUSIF ZAINAL (12500325)	WEB-BASED TRAINING AND E-LEARNING SYSTEM FOR INDUSTRIAL SECTOR IN BAHRAIN

1717	FATIMA OMAR (12500276), KAWTHER ABDULNABI (12500175)	DEVELOPMENT AND IMPLEMENTATION OF DIRECT MARKETING IN THE BANKING SECTOR XYZ BANK
1718	ZAHRA MOHAMMED AHMED (13500619), BATOOL SAYED HAMEED (13500383), HAWRA SAEED (14500016)	DEVELOPING LULU HYPERMARKET SYSTEM
1719	NAJLA FATHI ALI (13500503), FATIMA JANAH (13500218), JOUD RASHEED (13500335)	DEVELOPMENT AND IMPLEMENTING OF CUSTOMER RELATION MANAGEMENT
1720	ZAHRAA MOHAMMED (12500419), FATIMA SAYED (12500219), SUAD SHAKER (12500181)	SUPPLIER RELATIONSHIP MANAGEMENT SYSTEM TRAFCO GROUP
1721	HAWRA MOHAMMED (13500803), SABREEN HABIB (13500784), FATIMA ASAD (13500356)	CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM FOR PHARMACY BUSINESS
1722	MOHAMMED JAFFAR ASHOOR (13500326), ALI JASSIM (13500027), ALI HUSSAIN MOHAMMED (13500825)	EMERGENCY ROOM PATIENT QUEUING SYSTEM
1723	SUMAYA ABDULELAH KHONJI (13500697), AMINA MUHAMMAD HUSSAIN (13500640)	EMERGENCY RECOVERY RESPONSE AND SIMULATION SYSTEM IN AIRLINE INDUSTRY
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1725	AYSHA EBRAHIM ALTHAWADI (12500368), SHAIKHA SALEM SAAD (12500278)	DESIGNING AND IMPLEMENTING ONLINE FINANCIAL STATEMENTS ANALYSIS
1726	LULWA BUTTI (13500320), FAISLA BUTTI (13500322), MARIAM SHARIDA (13500527)	ENTREPRENEURSHIP MANAGEMENT SYSTEM
1727	MARWA AHMED (12500145), MOHAMMED SAAD (12500210), HAMAD MOHAMMED (12500249)	SERVICE MANAGEMENT SYSTEM FOR MANUFACTURE OF ASSEMBLY PRODUCTS
1728	HUSAIN ALI JUMA (12500095), FAWAZ ADEL MOHAMED (12500387), SHAIMA ALI HASAN (14500847)	AUTOMATED TELEVISION PROGRAMMING SYSTEM

1729	ABDULLAH YUSUF NAJEM (13500167), YUSUF AKHTARZADEH (12500147), QASIM MAHER (13500011)	AUTOMATION DOCUMENTATION FOR ACCOUNTING AND FINANCIAL SYSTEM
1731	FATIMA JASSIM (12500288), YATHREB MOOSA (13500390), FATIMA A.NABI (13500807)	DESIGNING AND IMPLEMENTAING VOTERS MANAGEMENT SYSTEM
1732	ZAINAB KHALID ALQOOTI (14500392), MARIAM ABDALREADHA (13500082), MANAL JAFFAR JASSIM (13500846)	RISK MONITORING SYSTEM
1733	EBRAHIM ALTHAWADI (12500033), AMMAR ASHKANANI (12500123), ALI ISA ZAINAL (12500073)	BAHRAIN ONLINE ADS FOR WASEET INTERNATIONAL (AWI)
1734	SAYED HUSSAIN SALMAN (10500530), HASSAN A.NABI MOSA (10500226)	LEVEL OF CUSTOMERS' SATISFACTION ON THE E- COMMERCE PRACTICES OF NUETL TELECOMMUNICATION COMPANY
1735	OMRAN ABDULKAREEM RAMADAN (13500410), MARWA ALI ABADULLA (14500705)	E-LOGISTICS FOR WAREHOUSE MANAGEMENT
1738	HUDA A.HADI SHAMLAN (13500471), SABAH MOHAMMED ALJASSIM (13500808), KHALIL IBRAHIM JAFAR (12500357)	INTELLIGENT REGISTRATION AND REFERRAL SYSTEM FOR POLICE STATION
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1757	RASHID SALMAN ALZAIANI (13500556), MARIAM EBRAHIM ALREYES (13500507), LATIFA JAMAL ALHADI (13500743)	AN ELECTRONIC PETS STORE FOR BAHRAIN AQUALIFE CENTER
1758	HUDA ABDULLA (09500901), ABDULLA ALAMEERI (12500551), RANYA ALI (13500615)	E-MEDICAL CONSULTANCY PORTAL FOR AL HILAL HOSPITAL
1759	MARDA JASSIM ALHOOTI (13500526), FAISAL YAQOOB ALABBAD (14500018), HAMAD ABDULLA ALMUTAWA (13500253)	DESIGNING AN ONLINE SYSTEM FOR MANPOWER SERVICES FOR DAR ALABBAD CLEANING & CONTRACTING COMPANY
1760	YOUSIF FAREED (14500005), HAMAD ALI (14500706), MOHAMMED ALI (15500200)	ONLINE LEAVE MANAGEMENT SYSTEM PHP PROJECT
1761	AHLAM ALQALLAF (13500451), GUFRAN ALMALKI (13500062)	DESIGNING AND IMPLEMENTING AN AUTOMATED ATTENDANCE AND PAYROLL SYSTEM
1762	ZAINAB HASAN (13500545), GHADEER ALI (13500546), NADA YUSUF (13500542)	ONLINE TUTORING SYSTEM
1763	ABDULRAHMAN FUAD KHAIRI (12500463), MAHMOUD BACHAR AL HALABI (12500440), ISA TALAL ALZAYANI (13500794)	MANAGEMENT INFORMATION SYSTEM FOR TALAL AL ZAYANI
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1765	NADIA AL-DHAEN (13500183), SAMAH HEJRES (13500157), HSNI ABDULLA (13500174)	BINARY COINZ-AN ONLINE TRADING SYSTEM USING BITCOINS
1766	ZAHRA ABBAS HABIB (12500411), AYSHA SUBAH ALMEHZA (13500570)	MANAGEMENT INFORMATION SYSTEM FOR ETIALCOM COMMUNICATION COMPANY
1767	ABEER RAIHAN MUBARK (13500190), AISHA MUBARK (12500515)	ENERGY SAVING MANAGEMENT SYSTEM FOR SCHOOL BUILDINGS

1768	OHOOD MAHDI HASAN (13500042), ZAINAB MAHDI ALMAHROOS (13500196)	MEDICAL EQUIPMENT MAINENANCE SYSTEM FOR MEDICAL EQUIPMENT COMPANY IN GCC NASEER PHARMACY
1769	AMAL AZIZ ALI (12500501), FATIMA ABBAS (13500782), MOHAMMED ANWAR (12500183)	IT SERVICE PROVIDERS COORDINATION SYSTEM
1770	ESRA ISA DARWISH (13500230), MANAL ISA ALSIJI (13500524), SHAREEFA ABDULLA (13500746)	MOBILE BASED INSURANCE MANAGEMENT SYSTEM
1771	FAWZI ABDULLA AHMED (13500677), MOHAMMED KHALIFA ALMUTAWEH (14500347)	CORPORATE SOCAIL RESPONSIBILITY INDICATOR & OBSERVATION
1772	HUSSAIN ABDULLA AHMED SALMAN KAYED (13500197), AHMED HUSSAIN MANSOOR HASAN KADHEM (13500431), MONTATHER EBRAHIM ALMULLA (13500505)	OIL STORAGE AND DISTRIBUTION SYSTEM
1773	SAYED ALI HUSAIN (13500186), HIND MOHAMMED (13500569), ZAHRA ABDULJALIL (13500562)	LIGHTING AND AC REQUIRMENT CALCULATION APPLICATION
1774	AMINA AL-IBRAHIM (14500248), NOOR ABDULNABI (14500028), ZAINAB JASSIM (13500254)	CONVENIENCE SERVICES FOR TOURIST
1776	AMINA HASAN AL MAJED (12500156), FATIMA MOHAMMED AL AJLAN (14500381), HAWRA ADEL AL HADDAD (13500892)	TRAINING AND LEARNING MANAGEMENT SYSTEM FOR BAHRAINII ENTERPRENEURS
1777	BANDER ALI (13500486), ALI EBRAHIM (13500755), HUSSAIN SAEED (13500544)	ALUMINIUM MANUFATURING MANAGEMENT SYSTEM
1778	SHOOQ DARWISH SALEM (14500249), SALEHA JASSIM ALMALOOD (13500876), LULWA SALEH MOHAMMED (13500954)	STOCK EXCHANGE MONITORING AND MANAGEMENT SYSTEM
1779	ADEL SALEM ALARADI (13500010), SAAD SALEH SAAD (13500031)	FAINANCIAL MANAGEMENT SYSTEM FOR SMALL ENTERPRISES IN BAHRAIN

1780	BASHAYER HASAN JUMA (14500121), HAMEEDA AHMED YASEEN (14500130), WADHA MOHAMMED ALMURISSI (14500407)	COSMETIC SURGERY CLINIC MANAGEMENT SYSTEM
1781	MARIAM ULFAT HUSSAIN (13500926), MIFRAH MOHAMMED (14500593), ANUM MOHAMMED TARIQ (13500841)	INNOVATIVE E-LEARNING SYSTEM
1783	HUSSAIN MAHDI HASAN ALI (13500531), SAYED MAHMOOD HASHIM SALMAN (13500144), ABDULLA SHAKER ABDULLA AHMED (12500261)	EMPLOYEE MOTIVATING SYSTEM USING ANDROID APPLICATION
1784	SAKINA MANSOORI (12500379), AMER A.RAZZAQ (12500277), MOHAMMED BUSHEHRI (12500283)	ONLINE NEWS PORTAL SYSTEM
1785	KALTHAM AHMED YAQOOB (13500288), AHMED HASSAN ABDULLA (12500180), DUAA ALSAYED ADNAN ALI (12500426)	MIS FOR REAL ESTATE IN BAHRAIN
1787	KHALED ABDULLA ALAWED (12500331), MOHAMMED FAISAL YOUOSIF (14500057), MOHAMMED	PROPERTY MANAGEMENT SYSTEM AL- QAREEB REAL-ESTATE
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1789	MARYAM YAQOOB YUSUF (13500071), ALI JAFFER ALI (14500506), AHLAM ALI ABDULLA (13500763)	MEDICAL CARE SYSTEM FOR ELDERLY CITIZENS BY MOH
1790	MUBARAK ALI MUBARAK (13500219), SHAHEEN JASSIM (14500492), SARA ABDULREDHA (14500055)	WOMEN EMPOWERMENT SUPPORT SYSTEM IN MICROFINANCE SECTOR FOR THE FAMILY BANK IN BAHRAIN
1791	WALAA SAEED KADHEM (13500727), MARYAM MOHAMMED RABEEA (14500475), NAHED AHMED ALARADI (13500018)	ADMINISTRATION AND SECURITY SYSTEM FOR TECHNICAL OFFICE OF KUWAIT FUND
1792	YAQOOB MOHAMMED ALQATTAN (14500221), MAHMOOD JASSIM ALTAIF (14500306), JASSIM MOHAMMED ALQHANNAMI	ONLINE CARGO SYSTEM

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1793	ZAHRAA HASSAN ALI (14500859), AHMED ABDULLA ALMEHZAA (13500448), KHALIFA SALMAN NASER (13500694)	ONLINE CRIME REPORTING & MANAGING SYSTEM
1794	ABDULLA ISA ATEEQ (13500386), ISA KHALID ISA (13500104), OMAR HASSAN ALI (13500123)	WEB-BASED POULTRY FARM MANAGEMENT SYSTEM
1795	SAYED HUSAIN MAHMOOD KHALAF (14501000), MAJEED MOHAMED HASAN ALAALI (14500243), ABDULLA MOHAMED TARADAH (14500019)	ON ROAD ASSISTANCE MANAGEMENT SYSTEM FOR VEHICLE
1796	NAILA ABDULHAKEEM ALAATHEM (13500504), MARYAM HAMAD ALJENAID (13500417)	ONLINE BLOOD BANK IN MINSTRY OF HEALTH
1797	ALI MAHMOOD SHAHABI (13500105), SALMAN ALI HASSAN ALI (13500658), FATIMA HASAN ISMAEEL (14500298)	ONLINE AUCTION SYSTEM
1798	ALI ALI HUSAIN MATOOQ (13500016), MOHAMED ALI BIN ALI (13500897), ZAHRA RAJAB HABIB (14500472)	ONLINE SALES SYSTEM FOR GULF PHARMACY NETWORK
1799	HUSSAIN FADHEL ALHAWAJ (13500868), SAYED ALAWI AL.ALAWI (13500352), SALEH ALI SALEH (13500705)	SPORT LEAGUE MANAGEMENT SYSTEM FOR BAHRAIN FOOTBALL ASSOCIATION
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1822	NOORA AHMED ISA (14500396) AMANI ABDUL NASSER (14500829) SARA ALI JANAH (14500961)	PURCHASING MANAGEMENT SYSTEM FOR ALMUSTAQBAL PRIMARY SCHOOL FOR GIRLS IN RIFFA
1823	Eman Abbas (14500744) Yusuf Jameel (14500928)	BUSINESS MANAGMENT SYSTEM FOR PERFUME AND COSMETIC PRODUCTS

1824	KHULOD KHALIL (14500004) AMNA KAYED (13500742) AMINA ALDOSRI (13500957)	E-EVENT MANAGEMENT APPLICATION
1825	SAMEERA DUR MOHAMMED JAN (15500188) MOHAMMED ABDULLAH BIN MOUSA (14500825) AHMED GUL MOHAMMED (15501074)	CLINIC MANAGEMENT SYSTEM FOR AL RABEEH DENTAL CENTER
1826	HAWRA SAYED ABBAS (14500133) HOORIYA HILAL (13500848)	SMART LAUNDRY USING ANDROID APPLICATION FOR VELETE
1827	MASOOMA AHMED SUHRAB (14500052) JENAN SALIM (15500173) ZAHRA ABDULAMEER (14500256)	EMCE CONSTRUCTION AND MAINTENANCE HUMAN RESOURCES SYSTEM
1828	ARIF KUZU (14500242) TAHAA MUNEER (14500144) AHMED MAHER (13500898)	ALRIFFAIEN RESTURANT SUPPLIES MANAGEMENT SYSTEM
1829	FATIMA MAHMOOD (14500861) MUNA ISA ALASKARI (13500864) HAYAM A. AZIZ (13500911)	AUTOMATED CAFETERIA ORDERING APPLICATION FOR AMA UNIVERSITY - BAHRAIN
1830	HUSSAIN ALI A. ALKARIM (10501533) ZAINAB REDHA ALI (13500943) FATEMA MOHAMED ABDULLA (13500941)	WHOLESALE SYSTEM FOR FOOD PRODUCT
1831	Yusuf Husain Abdulla (13500649) Saleh Isa Saleh (13500539) Khalifa Shukri (13500209)	DEVELOPING A MARKET PROPERTY MANAGEMENT SYSTEM FOR DEEWANIA ESTATE AGENCY
1832	HESA MOHAMMED (13500323)	E-SYSTEM FOR MINISTRY OF LABOUR IN BAHRAIN
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1833	AMEERA MANSOORI (13500353) ZAINAB ABDUL REDHA (13500389) SALAH A. ALI (13500758)	ONLINE SURVEY WITH STATISTICAL ANALYSIS
1834	Paul John Kevin M Regala (13500934) Karl Francis L Abenis (13500877) Naser Adel Mohd (12500110)	Automated Document Management System for AMA University
1835	EMAN BASHER AL-KHALDI (13500645) FATEMA AREF AHMED (14500534) FATIMA TAHAA	SUPPLIER MANAGEMENT SYSTEM MILLS COMPANY FOR ARABIC COFFEE

	MOHAMMED (14500588)	
1836	OMER KHALID (14500913) HAMAD SHAH (14500355) HASNAIN QAMMAR (14500749)	REAL-TIME INSURANCE SYSTEM FOR ALL INSURANCE PRODUCTS
1837	ABDULAZIZ BINSAFAR (13500817) HASSAN ZUHAIR (13500851) EBRAHIM AL MANSOOR (14500478)	MAINTENANCE SERVICES APPLICATION PORTAL
1838	JASSIM ALWARDI (13500408) ALI ALKHOOR (13500072) HISHAM ASHOOR (13500820)	MANAGEMENT PROCESS SYSTEM FOR BAHRAIN TENNIS FEDERATION
1839	ALHAM KHATIB (13500528), SATA MOHD AL ANSARI (14500154) SHANICA LAURENTE INSON(15500148)	AIR QUALITY ANALYSIS AND MONITORING SYSTEM FOR INDUSTRIAL AREAS IN KINGDOM OF BAHRAIN
1840	OTHMAN MOHAMED YUSUF AL ISA (13500621) YOUSIF YAQOOB YOUSIF BUCHERI(12500185) YOUSIF AHMED SHAHEEN SUAD(15500277)	REWARDS & BENEFITS MANAGEMENT SYSTEM FOR THE MINISTRY OF HEALTH
1841	AMINA AL DOSERI (13500314) DANA NAJEM (12500366) FATIMA ABDAZIZ (13500761)	NATIONAL MUSEUM MANAGEMENT SYSTEM
1842	BASMA JAFFAR KHATAM (13500208) HUSSAIN SALAH HUSSAIN(14500318) REHAB MANSOOR HUSSAIN(12500375)	SALES AND MARKETING DECISION SUPPORT SYSTEM FOR BIN HINDI SAMSUNG PRODUCTS
1843	MUSTAF FADEL ALSAFFAR (13500221) SAYED ALI ALWEDACI (13500007) ALI SAEED SALEH	BUILD YOUR OWN VEHICLE INTERACTIVE SYSTEM EKK TOYOTA LEXUS
	(12500302)	
1844	BADER ABDULLA MUBARAK (14500677) HASSAN ALI MANSOUR (14500887)	VAT SIMULATION BAHRAIN
1845	AHMED ABDUL WAHAB (13500432) TALAL ALJABER (14500374) MUBARAK JASSIM (13500702)	FITNESS MANAGEMENT SYSTEM WEB APPLICATION

1846	WALA ALHOORI (13500932) FAREEDA BIN RAJAB (13500155)	SECURE DATA SYSTEM FOR FINANCIAL ENTREPRISES IN BAHRAIN
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Accession Number	Student Name	Thesis Title
2299	SALMAN ABDUL SHAHEED SALMAN (18500601) SADIQ MAHDI MOHAMED ALDAHAIF (20500015) ZOHAIB BABAR (19500436) MOHAMMAD NASIR (18500675) KHALIFA MAHMOOD (19500795) ALI HUSSAIN MIRZA (19500193)	CENTRALIZED CINEMA BOOKING AND ON DEMAND MOVIE
2300	HASHMEYA SHUBBER ALAWI (20500054) ALI ABDULLA ALI (19500860) ABRAR MOHAMED KHALAF (19500728)	DESIGNING T-SHIRTS CUSTOMS B
2301	AHMED MARHOON (19500234) SAYED MOHAMMOOD (20500255) MOHAMED ABDULSHAHEED (17500633) MUJTABA MOHAMMED (17500418) SAYED YOUSIF ALI (19500547) ALI HUSSAIN (17500654)	MARSLON MOBILE PHONE ACCESSORIES
2302	ZAHRAA KHALIL EBRAHIM (19500266) ABDULLA SALEM ALABBAD (18500749) KAWTHER ALI NASSER (19500151) MARYAM ALI ALATAWI (17500276) SAKINA HUSSAIN (19500950) YUSUF ESSA YUSUF (19500195)	WEB-BASED DOMESTIC WORKERS SUPPLY & DUTY MANAGEMENT SYSTEM
2303	ISA MUTHANNA (19500077) HASSAN ZUHAIR (19500078) HUSSAIN ZUHAIR (19500079)	BALO PARENTAL CONSULTATION SYSTEM
2304	AHMED MOOSA (19500269) NOURA ABDULLA (19500963) AHMED ADEL (19500587) FADHEL ABBAS ABDULLA (18500140) SAYED ABDULLA MOHSEN (19500277) HASAN SAEED HASAN (20500508)	CARRENTALPRO
2305	FATEMA ABDULLA ISA SALMAN ALWADI (20500285) ALI HASAN ABDALI ABDULLA ALSHEALA (19500176) ALI HUSSAIN ALI MANSOOR ALI JASIM (20500579) ABBAS MOHAMED TAQI ALMUSAWI (20500319) FURQAN MEHBOOB KHAN (19500192) HAWRA YOUSIF EID (20500625)	UNIVERSITY OF TECHNOLOGY BAHRAIN ONLINE ALUMNI XCOMMUNITY (UTB-OAC) SYSTEM
2306	NOOR SAEED ALI (20500035) SALMAN AQEEL ISMAEEL (19500339) AHMED ALI HASAN (19500319) ISHRA SHABBIR AHMED (19500095)	ONLINE HOSPITAL MANAGEMENT SYSTEM
2307	BANNA SALAH (21500061) ALJAZI FAWZI ALNASIR (19500778) MARWA SALEH (19500162) FATEMA SALEH SALEM (19500184) AMAL NAJI (20500478)	WEB-BASED CHARITY/DONATION SUTOMATION SYSTEM

2308	FATEMA KHALIL RAMADHAN (19500351) JEHAN KHALIL RAMADHAN (19500350) HAWRA ADEL ABDULLA (19500349) AMINA SALAH ALAAMER (20500011) MOHAMMED HASAN JASIM (19500059) EBRAHIM MOHAMMED (19500221)	EZY
2309	HAYA EBAHIM (18500344) ALIYA ADEL (20500023) SAYED HASSAN ALALAWI (18500072) SAMEER SAIFULLAH (19500871) FAISAL HOSSAIN (18500882)	WEB-BASED KITCHEN INTERIOR DESIGNING SYSTEM
2310	ALAA ALMANSOOR (18500180) MOHAMMED NADER SALEH (17500158) ABDULRAHMAN AHMED (19500814) SAYED AHMED ADNAN (19500117) QASIM SULTAN (20500639)	PET PALACE PRO
2311	RABEEA RAED (20500199) BAYAN HUSAIN (19500598) NASSRA JAFFAR (19500841) RAGHAD ALORAIBI (19500031) LAYTH YUNIS (19500034) FATIMA MUBARAK (20500482)	FOR YOU APPLICATION
2312	ALI HUSSAIN ABDULNABI (20500099) HASSAN ALI HASSAN (20500234) HUSSAIN MOHAMED ALARADI (18500256) MOHAMMED SALMAN (20500209) ALI HUSSAIN BAQER (19500345) SHAIDA SHAHEEN (16500515)	SMART FARM
SEE BSIB 2225	MOHAMED HASAN AL ARAYEDH (19500506) ALI HASAN AL ARAYEDH (19500507) REZAUL SHAH ALAM (20500491) ALI JAFFER BAQER (18500870)	REACH
2313	EMAN MOHAMMED JASSIM (20500690) ISA ALAWADHI (20500616) HASAN JAMAL (18500764) AHMED MOHAMMED (20500654) S.MUSTAFA (20500512) HUSSAIN ALI ALHAJER (20500596)	REVIEWLINK PRO
2314	HASAN SAEED HASAN (20500508)	CARRENTALPRO
2315	MEQDAD FAISAL (19500735) ALI MOOSA (20500360) HASAN MARZOOQ (20500072) ALAA SADEQ (19500718) LOAY ABDULWAHED (19500826)	GOLD MASTER
2316	SARA ASHFAQ NISAR OMAR DIN (18500701) REEM ABDULAZIZ MOHAMED (20500203) MOHAMED ABDULAZIZ (18500804) ABDULLA BASHAM (17500500) RASHED AHMED (19500313)	GASGO APPLICATION

2317	ABDULLA MOHAMMED (19500032) ADEL HAMEED (19500208) FATIMA ADEL (20500053) HUDA HUSSAIN (20500182) MARYAM JAMEEL (20500336) FATIMA ABBAS (20500202)	ABAYATY APPLICATION
2318	HASAN SALMAN SANGOOR (20500450) ALI SAMI ALHAYKI (19500953) NABAA SALMAN AL HAYKI(17500401) YUSER HAMOUD (20500024) KAWTHAR HASAN FATEEL (19500118) DALAL FAISAL (20500017)	DELIVER NOW
2319	FATEMA JASIM (19500239) FATIMA ABDULJALIL (19500241) FATIMA HASHEM (19500072) ASHWAQ ALBINALI (19500133) ALI ISA ALKHAYYAT (19500585) MAHDI ALARADI (20500462)	ZAJIL CAR TOW SERVICE

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2320	AMEERA ISA (20500532) ALI ALFARDAN (20500433) FATIMA YUSUF (20500168) AHMED MOHD KADHEM (19500516) BAYAN GHANEM (22500103)	UNITALK
2321	ALI KHALID FARAJ (20500381) HUSSAIN KHALID SWAR (18500147) JASSIM MOHAMMED (20500713) YUSUF AL MAJED (19500171) KHADIJA SALAH (19500449) MOHAMMED HASAN ALI (20500422)	ELITE-KICK FOOTBALL ACADEMY
2322	SAUD MOHAMED MALEK (20500484) HASSAN MOHD KADHEM (20500121) OMAR ABDULLA YUSUF (20500132) ALI HASAN ANNAN (20500612) MAHDI JAFFAR ALAALI (17500163) AYSHA QASSIM (20500032)	DRIVE NOW WE TAKE CARE YOUR NEEDS
2323	AAYAT SABT (20500262) MOHAMMED ABDULLA (20500670) ABDULLA HAMEED (20500018) MOHAMED SAEED (20500081) BADER MERZA (20500159) ALI JAFFAR (19500457)	UTB EVENTS CALENDAR
2324	GIRIVASAN BOSE (21500155) MANSOOR AHMED (20500566)	FINE ART
2325	NASREEN AHMED (21500179) FARZANA AKTER (21500221) BVARKHA JASSAL (21500148) REFAT MOUSTAFA	RAHA MENTAL HEALTH SUPPORT APP

	(19500846)	
2326	ALI HASSAN ABDULLA (21500173) MOHAMMED HASAN ALAALI (21500031) SAYED MOHAMED MURTADHA (23500107) ISMAEEL EBRAHIM MOHD (20500684) TALAL ABDULLA BUKAMAL (21500234) MAHMOOD FARHAN (21500098)	FLYING CAR SERVICES
2327	ALA MADY (20500467) AMJAD MOOSA (19500189) ALI MOHAMED YASEEN (20500418)	BAHRAIN CART
2328	ABEER ALTAITOON (21500348) BAYAN ABDULMONEM (20500108) EBRAHIM HASAN (20500626) FATEMA ALI (21500437)	GLAM CONNECT SALON MOBILE APPLICATION
2329	KHALIFA MOHAMMED ALENZY (20500527) SUMAYA ABDULRAHMAN (18500232)	FORSA EMPOWERING EDUCATION ENRICHING FUTURES
2330	ZAINAB ALI (20500244) AMNA BALAL (20500259) SAKENA AHMED (18500144) ALI HASAN (20500069)	DECOLINK DECORATION EXPERT
2331	HUSAIN SALMAN (20500657) ALI HUSSAIN MATAR (21500176) FADHEL ABBAS ABDULJALIL (21500600) REHAM ABDLKREEM (17500606) HUSAIN ALASFOOR (20500547)	INSURE ME
2332	HAWRA HANI (20500160) MARIAM MOHAMMED (19500143) NOOR HERZ (19500509) FATEMA ABDULLA ALI (20500647)	CLEANHUB
2333	FAHEEM HASHIM (20500565) BADER MOHAMED (20500420) MOOSA MOHAMED (19500053) ABDIRAHMAN MOHAMMED (21500170) SAMI KAMAL (19500038)	EASY FIX
2334	ABDUL WAHID MUHAMMAD AFZAL (20500548) MEEAD IBRAHIM JAWADI (22500296) ISRA KARIM (21500284) JESREL SAJI JOHN (21500273)	MED EASE

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Accession Number	Student Name	Thesis Title
1313	ALI HAITHAM NUSTAFA (08500414), BAYAN ABDULHAKEEM SALEH (10500573), ABDULLA AHMED BUALI (10501371), SHAIKHA MUTTAR ALI (10501313), HABIB ABBAS AHMED (08501423)	THE IMPACT OF CONSTRUCTION COMPANIES AND THE REAL ESTATE BUSINESS IN KINGDOM OF BAHRAIN
1314	ZAINAB GHAZI (10500473), NOOR KHALID (10500468), AMANI YOUSIF (10500176)	AN ASSESSMENT OF CUSTOMER SATISFACTION ON THE SERVICES OF TOYOTA CAR IN KINGDOM OF BAHRAIN
1318	AISHA JASSIM MOHAMMED (10501749), FATIMA WAEL ASHEER (10501750), MARIAM MOHAMMED ALYAHYA (10501617)	EFFECTIVENESS OF LEADERSHIP STYLE IN GULF AIR IN KINGDOM OF BAHRAIN
1319	MOHAMMAD MURCHED (10501081), BADER AL KHAJA (10500322), A.REHAMN BU-KAMAL (10500520), SAMAA EBRAHIM (10501797)	ECONOMIC GROWTH IN KINGDOM OF BAHRAIN BETWEEN 2011 - 2014
1324	MOHAMMED ABDULLA (10501110), ADEL ALMURBATI (10501683), FATIMA YOUSIF FAISAL (10500652), SHAIKHA ABDULRAHMAN (10501516)	THE IMPACT OF E- GOVERNMENT SERVICES ON THE PRODUCTIVITY OF PRIVATE SECTOR IN THE KINGDOM OF BAHRAIN
1325	NOOR NABEL (10500452), KHADIJA S.MAJED (10501127), HUDA HUSSAIN (10501566), SARA MOHAMMED (10501744)	EFFECTIVENESS OF MOTOR INSURANCE ON THE CLIENTS OF SATISFACTION IN GULF UNION INSURANCE & REINSURANCE COMPANY IN KINGDOM OF BAHRAIN
1326	AHMED MAYOOF (10500361), SARA YOUSIF (10501212), SAYED ALI ASGHAR (10501267), WAEL MOHAMED (10500689)	ADVERTISING OF ADMINISTRATIVE AND FINANCIAL SCIENCES
1327	ALYAA A.AZIZ ALMUHAIZA (10500768), ZAINAB EBRAHIM ALI (10500465), FATIMA A.ZAIA ALI (10500263)	THE EFFECTIVENESS OF HEALTH CENTER IN KINGDOM OF BAHRAIN IN SOLVING PEOPLES HEALTH PROBLEM

1328	ZAHRA MAKI (10501614), AISHA ADEL (10501148), WALA AMEER (10500685)	THE EFFECTIVENESS OF FLOWER SHOP SERVICES ON THE CUSTOMER SATISFACTION IN THE KINGDOM OF BAHRAIN
1329	ALI A.AMIR ALASWAD (10501443), S.MOHSEN S.MOHAMMED (10500031), AQEELA MOOSA JAFFAR (10501624), BATOOI SAYED ANWAR (10500304)	THE EFFECTIVENESS OF SALES AND MARKETING OF SAMSUNG IN KINGDOM OF BAHRAIN
1330	ZAINAB ABDALI ABDULLA (10501748), ZAINAB ALI AHMED (10500572), AALAA ABDULHUSSAIN (10501298), AFAF AHMED JASSIM (10501762)	THE VARIOUS FACTORS THAT AFFECT JOB SATISFACTION OF SELECTED EMPLOYEES AT ALBA
1331	WAFA ABDULLA SANAD (10501768), MUTHANA KHALID ALKETBI (10500864), MAHMOOD JAFFAR MAHDI (10500373)	CUSTOMER SERVICES OF LULU HYPERMARKETS OF KINGDOM OF BAHRAIN
1332	FATIMA KHALIFA ALWARDI (10501467), LATIFA KHALID MOH'D (10501620)	THE EFFECTIVENESS OF VANDANA LUTHRA CURLS AND CURVES PROGRAM ON THEHEALTH AND FITNESS OF CUSTOMERS IN THE KINGDOM OF BAHRAIN
1333	ALI MOHAMED ALI (10500910), HUSSAIN ALI AHMED (10500682), HAITHAM SALMAN (10501674), JASSIM ABDALI (10500510)	AIR POLLUTION : IT'S EFFECTS ON THE HEALTH OF BAPCO EMPLOYEES
1334	AMMAR MAHMOOD(10500989), ALI MAHDI ALASFOOR(10500803), OMAR YOUSIF MOHAMED (10501615), MARYAM JAWAD	CUSTOMER SATISFACTION ON THE SERVICES OF BATELCO COMPANY IN KINGDOM OF BAHRAIN

	GHAWAS(10501629)	
1335	AYAT MOHAMMED (10500290), FATIMA ALHALWACHI (10500103), MAHA ALAAMER (10501504), ENAS A,REDHA (10500105)	THE EFFECTIVENESS OF E-GOVERNANCE SATISFACTION IN BAHRAIN AMONG PRIVATE SECTOR
1344	MOHAMMAD ATIF KHAN (10500297), JABBER HAMEED AL ALAWI (10501299), KHULOOD YOUSIF ABDULLA (10501211), ABDULRAHMAN ADEL BUKAMAL (10501742)	THE EFFECTIVENESS OF EVENT MANAGEMENT IN CONTRIBUTING TOWARDS ECONOMIC GROWTH IN THE KINGDOM OF BAHRAIN

1346	SARA MUBARAK (10500445), ALYA KHALIED (10501630), MARWA FADHEL (10501695), FAHAD KHALIL (10501541)	THE IMPACT OF SAFETY MANAGEMENT ON EMPLOYEES SATISFACTION THE CASE OF BAHRAIN PETROLEUM COMPANY (BAPCO)
1348	REEM YAHYA (10501628), AMEERA SALMAN (10501634), JENAN KHALIL (10500408), EMAN MAKI (10501480)	JOB SATISFACTION OF SCIENCE TEACHERS IN GOVERNMENT SCHOOLS IN THE KINGDOM OF BAHRAIN
1349	NAWAF ZABEN ALSULAIMAN (10501714), SALMAN AHMED ALJOWDER (10501014), ABDULRAHMAN NASER ABDULRAHMAN (10501447)	SECURITY OF CUSTOMS IN THE KINGDOM OF BAHRAIN
1351	AHMED YOUNIS (10500883), JAAFAR ALI (10501491), MAHDI KAMAL (10501364), SAYED ALI HASAN (10500861)	THE GULF PETROCHEMICAL INDUSTRIES CO INVESTMENT ANALYSIS ON SELECTIVE BANKS
1353	FATIMA SALAH ALBASRI (10500651), REEM NASSER ALBUFLASA (10500923), MUNA AHMED ALMUQAHWI (10501616), NAYLA ALAA MUSAMEH (10501701)	GENERAL TRAFFIC RULES IN CONTROLLING ROAD ACCIDENTS AND ENSURING SAFETY MEASURES IN KINGDOM OF BAHRAIN
1358	AMEENA MOHAMMED (10500409), YUSUF ALBASTAKI (10501270), SHARIFA SALEM (10501466)	A SURVEY OF E-HOME IN BAHRAIN
		FROM 2010-2013 SERVICES OF CARE FOR THE ELDERLY IN BAHRAIN

1371	KHALID JAMAL BUSHAGER (10500425), MOHAMMED ABDULLA MOHAMMED (10500379), HAWRA SALMAN JASSIM (10501374)	EFFECTIVENESS OF BAS FOR THE TRAVEL OF DISABLED PEOPLE
1373	YOUSIF MINDEEL (10501271), HUSSAIN JAAFAR (10501112), NASEER YOUSIF (10500466), NOAH RAYAN (10500860)	EFFECTIVENESS OF LMRA IN E-SUPPORT IMPROVEMENT IN THE KINGDOM OF BAHRAIN
1362	HESSA AHMED AL-SHAIKH (10500728)	THE IMPACT OF THE CARGO COMPANIES SERVICES ON CUSTOMER SATISFACTION: THE CASE OF AL-TAMAYUZ CARGO COMPANY, BAHRAIN

1363	HAYA AHMED ISA RAHMA (10500093), MANAL SALEH LOURI (10501166)	ELEMENTRY EDUCATION : THE EFFECTIVENESS OF THE LEARNING ABILITIES OF GRADE ONE PUPILS ON SELECTED PUBLIC PRIMARY SCHOOLS IN THE KINGDOM OF BAHRAIN
1366	ALIAA A.JALIL ALBAHARNA (10500732), NOOR HUSSAIN ALSAFFAR (10500720)	SMOKING EFFECTS ON THE HEALTH OF SELECTED FAMILIES IN HAMAD TOWN KINGDOM OF BAHRAIN
1368	YOUSIF AHMED BASHEER (10500739), NAYLA DUAIJ ALNAHAM (10500175)	EFFECTIVE OF TATWEER COMPANY IN EXTRACTING OIL IN THE KINGDOM OF BAHRAIN
1370	ABDULLA OMAR ABDULLA ALDOSARI (06500364)	ROLE OF MINISTRY OF COMMERCE AND INDUSTRY IN ACHIEVING MISSION AND VISION OF 2030
1386	WALA SAYED KAMEL (10501723), HAWRA KHALED (10501652)	EFFECTIVENESS OF CARGO HANDLING SERVICES IN DHL IN KINGDOM OF BAHRAIN
1394	ZAINAB MOHAMMED ALI (10501220), KHALIFA YOUSIF (10501445), YOUSIF ALI (10501232), KHALID AHMED (10501334)	EFFECTIVENESS OF THE MINISTRY OF SOCIAL DEVELOPMENT IN SUPPORTING PEOPLE WITH SPECIAL NEEDS IN KINGDOM OF BAHRAIN
1395	AMANI MAHMOUD ALYASSIR (10501243), NOOF ABDULLA ALKHARSHAN (10501344), BADRIYA MUBARAK ALROWAIE	THE EFFECTIVENESS OF CULTURAL DIVERSITY ON WORK PLACE IN THE

	(10501235), AZHAR SAYED MAHFOOD ALALAWI (10500815)	KINGDOM OF BAHRAIN
1396	MOHAMMED ABDULJALIL MOHAMMED (10501751), HASSAN A,RASOOL HASSAN (10501171), SAYED ALI HUSAIN MASOOD (10500962), MAHMOODMOHAMMED ALASFOOR (10500954)	A STUDY ON ISLAMIC LOAN PROGRAM OF KUWAIT FINANCE HOUSE IN THE KINGDOM OF BAHRAIN IN TERMS INVESTORS
1397	KHADRA SAEED (10501059), NADIA JASSIM EBRAHIM (10500985), TEFLAH EBRAHIM ALFUDHALA (10500487)	EFFECTIVENESS OF ELECTRICITY & WATER AUTHORITY KINGDOM OF BAHRAIN

1401	EMAN A.KARIM MOHAMMED (10501394), NADA AHMED ALJOWDER (10501608)	THE EFFET OF MODERN COMMUNICATION ON YOUTH IN KINGDOM OF BAHRAIN
1403	HUSSAIN ALI (10500583), HUSSAIN FAHMI (10500391), ALI MOHAMMED (10500957), ALI AHMED (10501699)	EFFECTIVENESS OF SALMANIYA MEDICAL COMPLE IN KOB
1405	AMEERA ALI SHUKRALLA (10500039), HUSSAIN A.JALIL (10501126), FATIMA ISA ALI (10501336), AMINA MAHDI ALMAHROOS (10500127)	CUSTOMER SATISFACTION OF CAR RENTAL COMPANY IN KINGDOM OF BAHRAIN
1409	ALI MUHANNA (10501152), SAYED MOHAMMED ADNAN (10501474)	THE EFFECT OF THE ADOPTION OF GREEN MARKETING PRACTICES ON THE ORGANIZATION
1413	ESRA JAFFAR QASSIM ASHOOR (10501705), DANA MOHAMMED ALSHAIKH (10500940), ZAHRA RAJAB ALI ALBABBA (10500198), MARYAM HAMAD ALTHWADY (10501218)	EFFECTIVENESS OF UNITED PARCEL SERVICES IN FULFILLING CUSTOMER SATISFACTION IN KINGDOM OF BAHRAIN
1417	ENAS AL-SHEHABI (10501138), ALAA A.ALI JASSIM (10501045), FATIMA ALSAFAR (10500332), FATIMA ALI HASSAN (10501276)	THE ASSESSMENT OF CUSTOMER SATISFACTION ON THE SERVICES OF ZAIN COMPANY IN THE KINGDOM OF BAHRAIN
1419	ALI HAFEDH BUALI (10501305), ABDULLA EBRAHIM SHAHEEN (10500650), FAHAD MOHAMMED ALDOSERI (10501619), KAHLIL ALI ALASFOOR (10500862)	EFFECTIVENESS OF CUSTOMER SERVICES IN ALSALAM BANK – BAHRAIN
1440	MARWA USMAIL AWADH (10500268), REEM TALAL ALQAHTANI (07501284), DALIA HASAN SALEM (07501437), KHULOOD HAFEDH	THE DEVELOPMENT OF TAMKEENES PROGRAMS IN KINGDOM OF BAHRAIN FROM 2010-2014

	ALSABBAGH (10500826)	
1441	FATIMA BASTAKI (10501300), FATIMA BAQER (10501390), ZAINAB S.ALI HUSSAIN (10500540)	THE IMPACT OF SOCIAL NETWORKING SITES ON TEENAGERS IN BAHRAIN
1446	MARYAM SAMEER (10501257), RAHMA MOHAMMED (10501332), AYOOB NASSER (10501269), FAISAL SAAD(10501123), MOHAMMED JASSIM (10500441)	THE EFFECTIVENESS OF VICTORY TRAINING AND DEVELOPMENT INSTITUTE IN JOB TRAINING AMONG BAHRAIN YOUTH
1450	EBRAHIM MAMDOOH (10501573), FATIMA MOHAMED (10500393), LATIFA HASSAN (10501224), ABDULLA SHAMEL (10500914)	BRAND POSITIONING PROBLEMS OF FIJI WATER

1454	AHMED JABER AHMED (10501662), SAAD HASSAN ALSHARJI (10501717), ALI HASSAN AJANAHI (10500597), SALEM SHUKRI BIN HENDI (10501536)	EFFECTIVE SERVICES PROVIDED BY ZAJIL TELECOM IN KINGDOM OF BAHRAIN
1470	MOHAMMED JIBREEL ALTAMIIMI (10501214), MOHAMMED TALAL MOHAMMED (10501605),	PROCESS OF MEDIA OPERATION IN THE KINGDOM OF BAHRAIN
	SARA JASSIM MOHAMMED (10501172), JABER MOHAMMED TURKI (10501209)	
1471	AHMED FAREED (10501677), AHMED QURBAN (10501337), ALI AQEEL (10500960), HUSAIN MOHAMMED (10501526)	EFFECTIVENESS OF THE SERVICES OFFERED BY INVESTMENT COMPANIES IN KINGDOM OF BAHRAIN
1472	NOURA ADEL (10500013), SARAH ALHAMMADI (10500865), AYSHA ALDOSERI (10500810)	IMPROVING AMA INTERNATIONAL UNIVERSITY - BAHRAIN
1473	FATIMA FUAD ALMANSOORI (10500963), FATIMA MOHAMMED ZAID (10501710), SARA THABIT ALDOSERI (10501384), KHALID JASSIM YOUSIF (10501789)	AN ANALYSIS OF BAHRAIN'S OLYMPIC GOVERNANCE
1475	YASMEEN MOHAMED ALI (10500488), MUNA BASER SALEM (10500022), NAWAL SALAH SAAD (10501285), FATEMA ALI JANAH (10501657)	EFFECTIVENESS OF ALMUNTAZAH TRAVELAGENCY IN KINGDOM OF BAHRAIN

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### List of Theses SY 2015-2016

Accession Number	Student Name	Thesis Title
1483	HASAN JASIM (10500684), ISA JUMA (10500406), FATIMA MOHAMMED (10500796), SHAIKHA MOHAMMED (10500214)	WORK MOTIVATION AND ITS IMPACT ON ORGANIZATIONAL PERFORMANCE
1481	HAWRA SAEED (10500537), AAYADHUSSAIN (10501655)	CUSTOMER SATISFACTION ON THE SERVICES OF BATELCO COMPANY IN THE KINGDOM OF BAHRAIN
1482	NAWAF MOOSA (10500300), ABDULLA KHALID (10500244), TAHA DARWISH (10501783)	EFFECTIVENESS OF MENATELECOM SERVICES TO ITS CUSTOMERS IN ISA TOWN BRANCH; KINGDOM OF BAHRAIN
1490	MUBRAK MOHAMMED ALNOAIMI (10501809), MOHAMMED HASSAN MURAD (10500626), FATEMA ABDULLA ISA (10501449)	EFFECTIVENESS OF ELECTRONIC BUSINESS ONLINE SECURITY : CASE OF KINGDOM OF BAHRAIN
1498	BATOOL JALEEL ALALAWI (10500599), ZAINAB SYAED HAMZA (10500490), GHADA ISA BURASHID (10501319), GHADEER SYAED NOORI (10500536)	THE LEVEL OF SATISFACTION AND EFFECTIVENESS OF THE EMPLOYMENT IN THE MINISTRY OF HEALTH THROUGH THE CIVIL SERVICES BUREAU, KINGDOM OF BAHRAIN
1499	FATEMA SAFAR AHMED (10501769), SAFA	AN EVALUATION OF GULF HOTEL
	SAEED ALUMTAWA (10500855), NOOF BASER BIN HAMAD ISA (10501178), AYSHA JASSIM ALMALKI (10500148)	CUSTOMERS SATISFACTION CASE OF BAHRAIN
1520	ALI MOHAMMED SULTAN (10500080), AHMED MOHAMMED ZINAL (10500458), ABDULLA MOHAMMED (10501759), SALEEM DADMOHAMMED ALBALOOSHI (10500891)	CUSTOMER SATISFACTION ON THE PRODUCT OF "THE ONE HOME EXPERIENCE:
1522	MAHMOOD MOHMMED (10500872), MUHAMMAD AREF BUSHNAQ (10501532)	THE EFFECTS OF WORKSTRESS ON THE QUALITY EMPLOYEES DEVELOPMENT AT UFIC
1523	SHAIKHA JASSIM BUSENAN (10500662), SHAIMA JASSIM ALATEEQ (10501572), HESSA SALEH ABDULLA (10500086)	EDUCATIONAL TECHNOLOGY IN AMA UNIVERSITY OF BAHRAIN : THE TEACHER'S PERSPECTIVE

1540	EBRAHIMBASEM (10501363)	"MINISTRY OF MUNICIPALITIES" MUNICIPALITY OF MUHARRAQ
1548	AKBAR JAFFAR JASSIM (10501294), JAFFAR HASSAN ALI (10501292)	GULF HOTEL CUSTOMERS SATISFACTION : CASE OF KINGDOM OF BAHRAIN
1553	ZAINAB JASSIM ABDULLA (10500335), FATIMA LHALIL ABDULLA (10501781)	AMERICAN EXPRESS COMPANY IN THE KINGDOM OF BAHRAIN
1554	MUNA MOHAMMED (10500806), MOHAMMED ABDULLA (10500946)	CUSTOMER SATISFACTION OF E- VISA IN KINGDOM OF BAHRAIN
1555	SALMAN JAMAL SALMAN (10500392), HUSSAIN A.SHAHEED (10500369), NAJI MUSAD NAJI (10500851)	THE IMPACT OF BAHRAIN GOVERNMENT SUBSIDES ON THE SOCIOECONOMIC LIFE OF BAHRAIN AND EXPATRIATES IN MUHARRAQ GOVERNANCE
1557	EMAN SHAKEEB (10501765), AHMED ALASSMI (10500347)	FUEL RAISE OF KINGDOM OF BAHRAIN
1558	MOHAMMED KHALIL (10500318), SAYED HASAN ALAWI (10501402), ASMA ADEL ALAWADHI (10500513), ANWAAR ALTHAWADI (10501073)	THE IMPACT OF TECHNOLOGY ON SCHOOL STUDENT LEARNING IN BAHRAIN
1559	NOREEN ALTHAWADI (08500702), MOHAMMED FUAD (10501442)	THE NATIONAL COMPLAINT AND SUGGESTIONS (TAWASUL- A STUDY
1576	NASSER A.SHAHEED HAMMAD (10501450), HUSSAIN EBRAHIM ALI (10501479)	THE GROWTH AND DEVELOPMENT OF VIVA TELECOMMUNICATION
1483	HASAN JASIM (10500684), ISA JUMA (10500406), FATIMA MOHAMMED (10500796), SHAIKHA MOHAMMED (10500214)	WORK MOTIVATION AND ITS IMPACT ON ORGANIZATIONAL PERFORMANCE
1481	HAWRA SAEED (10500537), AAYADHUSSAIN (10501655)	CUSTOMER SATISFACTION ON THE SERVICES OF BATELCO COMPANY IN THE KINGDOM OF BAHRAIN
1482	NAWAF MOOSA (10500300), ABDULLA KHALID (10500244), TAHA DARWISH (10501783)	EFFECTIVENESS OF MENATELECOM SERVICES TO ITS CUSTOMERS IN ISA TOWN BRANCH; KINGDOM OF BAHRAIN
1490	MUBRAK MOHAMMED ALNOAIMI (10501809), MOHAMMED HASSAN MURAD (10500626), FATEMA ABDULLA ISA (10501449)	EFFECTIVENESS OF ELECTRONIC BUSINESS ONLINE SECURITY : CASE OF KINGDOM OF BAHRAIN

1498	BATOOL JALEEL ALALAWI (10500599), ZAINAB SYAED HAMZA (10500490), GHADA ISA BURASHID (10501319), GHADEER SYAED NOORI (10500536)	THE LEVEL OF SATISFACTION AND EFFECTIVENESS OF THE EMPLOYMENT IN THE MINISTRY OF HEALTH THROUGH THE CIVIL SERVICES BUREAU, KINGDOM OF BAHRAIN
1499	FATEMA SAFAR AHMED (10501769), SAFA SAEED ALUMTAWA (10500855), NOOF BASER BIN HAMAD ISA (10501178), AYSHA JASSIM ALMALKI (10500148)	AN EVALUATION OF GULF HOTEL CUSTOMERS SATISFACTION CASE OF BAHRAIN
1520	ALI MOHAMMED SULTAN (10500080), AHMED MOHAMMED ZINAL (10500458), ABDULLA MOHAMMED (10501759), SALEEM DADMOHAMMED ALBALOOSHI (10500891)	CUSTOMER SATISFACTION ON THE PRODUCT OF "THE ONE HOME EXPERIENCE:
1522	MAHMOOD MOHMMED (10500872), MUHAMMAD AREF BUSHNAQ (10501532)	THE EFFECTS OF WORKSTRESS ON THE QUALITY EMPLOYEES DEVELOPMENT AT UFIC
1523	SHAIKHA JASSIM BUSENAN (10500662), SHAIMA JASSIM ALATEEQ (10501572), HESSA SALEH ABDULLA (10500086)	EDUCATIONAL TECHNOLOGY IN AMA UNIVERSITY OF BAHRAIN : THE TEACHER'S PERSPECTIVE
1540	EBRAHIMBASEM (10501363)	"MINISTRY OF MUNICIPALITIES" MUNICIPALITY OF MUHARRAQ
1548	AKBAR JAFFAR JASSIM (10501294), JAFFAR HASSAN ALI (10501292)	GULF HOTEL CUSTOMERS SATISFACTION : CASE OF KINGDOM OF BAHRAIN
1553	ZAINAB JASSIM ABDULLA (10500335), FATIMA LHALIL ABDULLA (10501781)	AMERICAN EXPRESS COMPANY IN THE KINGDOM OF BAHRAIN
1554	MUNA MOHAMMED (10500806), MOHAMMED ABDULLA (10500946)	CUSTOMER SATISFACTION OF E- VISA IN KINGDOM OF BAHRAIN
1555	SALMAN JAMAL SALMAN (10500392), HUSSAIN A.SHAHEED (10500369), NAJI MUSAD NAJI (10500851)	THE IMPACT OF BAHRAIN GOVERNMENT SUBSIDES ON THE SOCIOECONOMIC LIFE OF BAHRAIN AND EXPATRIATES IN MUHARRAQ GOVERNANCE
1557	EMAN SHAKEEB (10501765), AHMED ALASSMI (10500347)	FUEL RAISE OF KINGDOM OF BAHRAIN
1558	MOHAMMED KHALIL (10500318), SAYED HASAN ALAWI (10501402), ASMA ADEL ALAWADHI (10500513), ANWAAR ALTHAWADI (10501073)	THE IMPACT OF TECHNOLOGY ON SCHOOL STUDENT LEARNING IN BAHRAIN
1559	NOREEN ALTHAWADI (08500702), MOHAMMED FUAD (10501442)	THE NATIONAL COMPLAINT AND SUGGESTIONS (TAWASUL- A STUDY

1576	NASSER A.SHAHEED HAMMAD (10501450), HUSSAIN EBRAHIM ALI (10501479)	THE GROWTH AND DEVELOPMENT OF VIVA TELECOMMUNICATION

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Accession Number	Student Name	Thesis Title
1583	ABDULAZIZ AHMED ALMAA (10500994)	THE IMPACT OF ANIMAL AGRICULTURE ON INCREASING GLOBAL WARMING AND CLIMATE CHANGE
1586	BUSHRA KHALAF HAMAD (10501084), AYSHA AHMED RASHDAN (10500034), MOHAMMED YOUSIF AHMED JASSIM (10501324)	THE ASSESSMENT OF CUSTOMER SERVICE SATISFACTION OF THE TELECOMMUNICATION INDUSTRY IN BAHRAIN (BETELCO AND VIVA)
1587	SALMAN A.KARIM (10501763), ALYA MADAN (10500427), REEM ALSHEHABI (10501134)	THE GARBAGE DISPOSAL PRICES IN ISA TOWN
1588	ALI KHAMIS SABT (10501010), HASSAN ALSAIHATI (10501272)	THE ISSUES OF THE SECONDARY EDUCATIONAL SYSTEM IN THE KINGDOM OF BAHRAIN
1589	ABDULLA EBRAHIM ALBUAINAIN (10501650), EID KHAMIS EID (10501488)	MINISTRY OF MUNICIPLITIES NORTHERN AREA MUNICIPALITY
1620	MOHAMMED AHMED ALJOWDER (10501712), MARIAM MOHAMMED SABT (10500389), MARIAM SALEH (10501070)	A STUDY ON THE EFFECTIVENESS OF INNOVATION ON THE SUCCESS OF COFFEE SHOPS: CASE OF KINGDOM OF BAHRAIN
1645	MARYAM ZAED ALAMEERI (10500401), WAFA KHALED HASSAN (10500232), DHUHA S.MAHMOOD (10500617)	THE EFFECTIVENESS OF SOCIAL MEDIA ADDICTION TO THE UNIVERSITY STUDENT IN KINGDOM OF BAHRAIN
1655	AHMED JAFFAR ABDULAZIZ (10501058), HASAN MOHAMED ALMARZOOQ (13500151), MALKA A.RASOOL MOHSIN (10500257)	THE EFFECTIVENESS OF TELECOMMUNICATION SERVICE PROVIDERS IN THE KINGDOM OF BAHRAIN
1656	SARA ALI HUSSAIN RAYAN (10501578), SALAH MADHAI ABDULLA (10500505)	THE INFLUENCE OF HUMAN RESOURCE ON INNOVATION IN BAHRAIN ORGANIZATION

1688	MUNEERA EID ABDULLA (10501065)	SOCIAL MEDIA EFFECTIVENESS ON UNIVERSITY STUDENT IN KINGDOM OF BAHRAIN
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### Bachelor of Science in International Business List of Theses SY 2017-2018

Accession Number	Student Name	Thesis Title
1694	HASNA JUMA (10501241), FATIMA ALI HASSAN (10500481), AHMED MOHAMMED ALAALI (10500210)	EXPLORING THE SIGNIFICANCE OF PLASTIC RECYCLING ON KINGDOM OF BAHRAIN
1709	NOURHAN ARNAOOT (13500715)	THE EFFECTIVE OF TRAINING AND DEVELOPMENT OF EMPLOYEES PERFORMANCE: APPLIED IN PRIVATE SECTORS IN THE KINGDOM OF BAHRAIN
1730	SARA HUMAIDAN (10501399), RABAB SUBAH (10500696), SAHAR ABDULHAMEED (10500729)	MARKETING EFFECTIVENESS ON CONSUMERS" APPLIED ON CAREFOUR BAHRAIN (CASE STUDY)
1744	LAYLA MOHSEN NAWROOZ (10501261)	THE RELATIONSHIP BETWEEN OF CUSTOMER SATISFACTION AND LOGISTIC SERVICE QUALITY APPLIED ON: FEDEX BAHRAIN
1745	AHLAM MOHAMED HASAN (14500412), MARIAM K. MOHAMMAD (14500674), ZAIN HAMAD RASHID AL-MUAMMARI (14500140)	THE IMPACT OF INFORMATION TECHNOLOGY ON THE PERFORMANCE OF INTERNATIONAL BANKS: APPLIED AT BAHRAIN BANKING SECTOR
1746	FATIMA ABDULLA HELAL (14500081)	HUMAN RESOURCE ROLE ON ORGNSIZATIN PERFORMANCE: APPLIED IN BAHRAIN BUSINESS COMPANIES
1747	JEHAN HUMAIDAN (10501253), RAGHAD RAED AL TIKRITI (10501347)	THE EFFECT OF TRAINING IN ENHANCING EMPLOYEES PERFORMANCE IN FINACIAL SECTOR: APPLIED IN BAHRAIN
1748	SHARIFA SHAWQI ALSHAMSI (14500840), WADEEAH MOHAMMED HELAL (10500691), FATIMA MOHAMMED SALMAN (10500579)	THE HUMAN RESOURCES PRACTICES AND ORGANIZATIONAL PERFORMANCE IN BAHRAIN

1749	SALMAN ABDULLA MAJEED (14500366), SARA MUBARAK SAAD (14500717), HALA HUSSAIN ALI (14500471)	THE EMPLOYEE SATISFACTION AND CUSTOMER SATISFACTION
1750	MOHAMMED NADER ALSAFFAF (10501017)	EFFICIENCY & EFFECTIVENESS OF ECONOMIC
1775	SARA AL OWAINATI (10500366), ZAINAB AWADH (10501711), ALI AL KHOOR (10501076)	THE IMPACT OF SOCIAL MEDIA ON STUDENTS IN TERM OF BUYING BEHAVIOR
1786	MOHAMMED KHALIFA ABDULLA (10500730), HAMEES A.RASOOL HASAN (10501066), MOHSEN A.REDHA HASSAN (14500845)	ADDESSMENT OF CREDIT CARD SERVICES ON CUSTOMER SATISFACTION OF COMMERCIAL BANKS IN KINGDOM OF BAHRAIN
1802	Bader Jawher Marzooq AlDamookh AlDoseri (15500523), Mohamed Aref Mohamed Saeed Mohamed (10500527)	Comparative Study of Employees Retention in Public and Private Sectors in Kingdom of Bahrain
1803	AYSHA ADNAN EBRAHIM SALIM ALI (14501005), FATIMA ADNAN EBRAHIM SALIM ALI (14501006)	ISLAMIC FINANCE SERVICES INDUSTRY IN KINGDOM OF BAHRAIN
1804	Reem Khalid Ali Mohammed Ahmed (15500402) Hala Sayed Dheya Habib Saleh Ahmed Alaradi (15500087) Omar Nasr Allah Almuzayn (15500706)	CUSTOMER SATISFACTION OF THE FOUR SEASONS HOTEL IN THE KINGDOM OF BAHRAIN
1805	Sherwin William A. David (15500682) Kimberly Mae A. David (15500683) Emma Kristel G. Bondoc (15500216)	Social Media as an Effective Marketing Tool to Businesses
1806	AMAL MOHAMMED ESWAYED (09500576) ABEER SULTAN AHMED (14500682) NOOF WALEED ALMAZLOOQ (13500176)	ONLINE SHARE PORTAL
1807	FATIMA ALI AHMED ALDUHAIM (10501811)	The Impact of Leadership on Employees Performance on Gulf Petrochemical Industries Company Bahrain

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Accession Number	Student Name	Thesis Title
1860	MAHMOOD HISHAM ISA (12500300), AHMED MOHAMED ALGHAWI (13500380), ABDULGAFAR SALAH DARWISH (13500315)	HUMAN RESOURCE MANAGEMENT SYSTEM IN MANAL REAL ESTATE IN KINGDOM OF BAHRAIN
1861	AHMED AL HAYKI (13500097), ABDULLA AL ROWAHI (12500097), SHUAIB AHMED 13500631)	WEB-BASED UNIVERSAL FEEDBACK SYSTEM
1862	NAWAL EBRAHIM (13500231), JAWAHER MOHAMMED ALI (12500179), ALYAA YUSUF RABEEA (13500437)	ALUMNI EVENTS MANAGEMENT SYSTEM WITH EMAIL NOTIFICATION KINGDOM UNIVERSITY, KINGDOM OF BAHRAIN
1863	MOHAMED AL HERMI (12500114), FATEMA ABED ALI (12500473), NERMIN ALSAWAFIRI 15500088)	DELIVERY ROUTE SYSTEM
1864	HAWRA ALI HASAN (14500923), AMEENA RADHI (14500919), ABDULLA ALI (13500966)	JEWELRY SALES ACCOUNTING AND APPRAISAL SYSTEM
1865	HAMAD JUMA (14500184), ABDULKARIM HUBAIL (14500114), EBRAHIM WAHEED (14500305)	PURCHASING AND BUDGETING SYSTEM
1866	HAMAD BAHZAD MOHAMMED (14500059), RASHID ABDULRAHMAN JAMALI (14500640)	WEB APPLICATION FOR REAL ESTATE DECISION SUPPORT SYSTEM
1867	MANAR MOHAMMED ALARADI (14500939), AYAT EBRAHIM RASHED (14500943), FATIMA A.AMEER EBRAHIM (14500920)	GUIDANCE OFFICE CENTERSLIZED INFORMATION DATABASE SYSTEM (for school and student information monitoring system)
1868	GAP ANALYSIS SESTEM	Safeya Mohamed (14500855), Abdulla Alhamad (14500367), Mohamed Alasfoor (14500325)
1869	Osama Anwar Hayat (14500046), Mohd Basheer Ahmed (14500966), Majed Hassan Najam (13500910)	COLD STORE DELIVERY BASKET USING ANDROID PLATFORM
1870	Ahmed Hussain Mirza (13500921), Hussain Saeed Jaffar (13500413), Hussain Ali Hussain (14500967)	WEB BASED EXPENSE MANAGEMENT "WELLS LADY TEXTILES COMPANY"

1871	ABDULKAREEM MOHAMMED (14500775), KHALIFA MOHAMMED (14500616), MARIAM MOHAMMED	MOBILE UNIT FOR HEALTH CARE FACILITYS
	(14500272)	
1872	ALI AHMED (13500590), AHMED AMEERI (12500342), MOHAMMED QASSIM (13500114)	OUTSOURCING FOR IT EQUIPMENT FOR SMALL TO MEDIUM ENTERPRISES
1873	SHAIKHA ALI AL-KAABI (14500914), HANAN JUBARA AL-THAWADI (13500222), FAISAL MOHAMMED AL-ENEZI (14500006)	E-TRADING MANAGEMENT INFORMATION SYSTEM
1874	MAHA SHNYOOR NAYEF ALSHAMMARI (12500213), BATOOL MOHAMMED AHMED (13500796), EMAN AYED ALANZI (12500567)	DONATION MANAGEMENT SYSTEM FOR CHARITIES IN BAHRAIN
1875	JASSIM AHMED ALSHAIKH (14500094), SAYED HUSSAIN ALMOSAWI (14500757)	MOBILE-BASED EXAMINATION SCHEDULING NOTIFICATION APPLICATION
1876	ABDULHAMEED MOHAMMED BUEIDA (14500512), OMAR AYOOB ALJOWDER (14500735)	ACCOUNTING PROCESSING REPORTING FOR SMALL BUSINESS
1877	FATEMA TALEB (14500023), ALYAA ABBAS (14500356), JEHAD YOUSIF (14500508)	AUTOMATED ADVERTISEMENTS POSITIONING SYSTEM
1878	Hussain Faisal (14501027), Malik Ahmed Ehsan (14500414), Zahra Saeed Baqer (12500341)	Web-based Warehouse Management System for Sales-Co Bahrain
1879	Mohammad Abdulrahim (13500924), Eslam AnwarMohsen (13500392), Peerapong Reraisranoi (14500697)	E-Cloud Sales Management System for Galleria Group
1880	Sayed Sadiq Jaffar (14500766), Noora Altuanib (14500800), Aysha Altuanib (14500799)	REGULATION OF ENTRY AND DISCHARGE OF SHIP CONSIGNMENTS FOR SHIPPING COMPANY: KHALIFA PORT MANAGEMENT COMPANY

1881	Hessa Ahmed (13500829), Maryam Saeed (13500774), Haleema Hamad (15500404)	WEB-BASED EVENTS, ACTIVITIES AND FACILITIES MAINTENANCE MANAGEMENT SYSTEM FOR AMA INTERNATIONAL UNIVERSITY-BAHRAIN
1882	Isa Janahi (13500272), Abdulla Abdulrahman (13500565), Bahsheer Alhoori (14500220)	TIME TRACKING FOR INCREASING EMPLOYEES PRODUCTIVITY
1884	MARWA ABDULLAH (14800237), ABEER MUBARAK (14500126)	ADVANCED MOBILE BASED PROPERTY MANAGEMENT
1885	MUNA ABDULLA ALI (14500964), SAMEER ABDULLA ISMAEEL (14500965)	CUSTOMER RELATIONSHIP MANAGEMENT FOR BAHRAIN SQUARE TRADING
1886	Isa Ali Al-Abbasi (15501047), Mojeb Mohd Ramadhan (14500533), Essam Ali Falamarzi (14500642)	E-AGRICULTURE MANAGEMENT SYSTEM
1913	FATIMA ABDULLA ALSENDI (14500171), ASMA JAMAL ALROWAIEI (14500053)	STUDENTS ATTENDANCE MANAGEMENT SYSTEM
1914	MARYAM HUSSAIN GHULAM (15500204), ADRIENNE DELA CRUZ DAYRIT (13500918), LERRA LORAIN G TARIN (915500664)	REAL-TIME EMPLOYEE APPRAISAL AND BENEFIT SYSTEM
1915	YASMIN AL KAWAS (14500434), RANA MOHAMMED (14500433)	ONLINE TRAVELLER AIRPORT INTELLIGENT ASSISTANCE
1916	JASSIM MOHAMMED MALALLA (15500027), HASSAN ALI AL-HAYKI (15500566), MAHMOOD NASSER (15500209)	INCIDENT MANAGEMENT SYSTEM IN ALBA
1917	AHMED YOUSIF ALMULLA (12500208), MARWAN ALHELO (13500047), AMNAWAR ABDULLA SAIF (14500393)	ISA TOWN HEALTH CARE MANAGEMENT SYSTEM
1918	NOOR JASSIM ALJOWAHR (15500807), ALI JASSIM ALJAWAHR (15500806), KHULOOD KHALIL HAJI (15500902)	CRM FOR AUTOMATIVE DIVISION OF BEHBEHANI BROTHERS W.L.L.
1919	MOHAMMED HASAN IDREES (15500533), HASAN ALI HASAN (15500417), AHMED ABDULRASOOL (15500503)	FIX MY HOUSE SYSTEM

1920	MOH'D FOUAD AL EID (14500064), AREEJ AHMED ALJASSIM (14500502), HAIFA EBRAHIM ABDULLA (12500452)	ONLINE RESERVATION MANAGEMENT SYSTEM FOR SEMINAR HALL AND AUDITORIUM
1921	KHALID YOUSIF SALEM (13500630), ABDULLA AHMED ALAWADHI (14500132), NASEER ALQASSIMI (14500742)	JUDICIAL PROCEDURES AND PROCESS MANAGEMENT SYSTEM OF SHARIAH LAW COURT IN BAHRAIN
1922	RAQEYA AL ABBASI (12500203), AYSHA JASSIM (13500485)	ENTERPRISE MACHINE PURCHASING AND MAINTENANCE SYSTEM
1923	SARA MOHAMMED ALNAQEEB (10500829), FAJER ABDULAZIZ ALQATTAN (10500589)	EFFECTIVENESS OF E-BANKING SYSTEM IN AHLI UNITED BANK IN THE KINGDOM OF BAHRAIN; A CASE STUDY
1924	NAELA MOHAMMAD ALMANSOOR (10500973)	MEASURING THE SERVICE QUALITY OF COFFEE SHOPS IN THE KINGDOM OF BAHRAIN
1925	ALI ABDULRAZAQ QAMBER (14500266), MANSOOR ABDULLA ISA (16500502), AHMED ABDULLA ALTAJER (14500823)	WEB-BASED TRANSPORTATION RESOURCE MANAGEMENT SYSTEM
1926	SALEH AL-DOSERI (12500464), JOHAR ALNOAIMI (12500556), AHMED MAHMOOD (13500789)	WEB-BASED WATER DELIVERY SUBSCRIPTION SYSTEM
1927	HUSSAIN JAWAD ABDUL-HUSSAIN (12500039), HUSSAIN ABDULHASAN ALKHUNAIZI (14500763), ZAINAB AL-ALAWI (13500894)	POVERTY HEAT MAP FOR BAHRAIN - APPLICATION
1928	HAWRA ABDULLA (14500974), HAWRA ALARADI (13500682), HUSSAM ALARADI (12500448)	KIDS SOUND MATCHING AND RECOGNITION APPLICATION
1929	MOHAMMED ISA (13500137), DAYIM ALMALKI (13500514), YOUSIF ABDULLA (13500321)	ONLINE AUCTION CENTER SYSTEM
1930	ISA AHMED ABDULLA (14500746), AHMED ABDULLATIF JANAH (15500335), ABDULRAMAN ABDULLA ALSHAMMRI (13500587)	MOBILE CARWASH SERVICES FOR LAZER APPLICATION
1931	ISA HABIB (14500644), DUAIJ KEFAH (14500350), MOHAMMED ABDULLA (14500922)	ORDER IT: ONLINE FOOD ORDERING SYSTEM

1932	HUSAIN JAFAR HUSAIN (15500677), MOHAMMED NASSER (14500963), ZAINAB AHMED ALI (13500594)	BAHRAIN TOURISM MANAGEMENT DECISION SUPPORT SYSTEM
1933	KHALIL ABUL HASSAN (15500897), ISA AHMED HASAN (15500616)	INTELLIGENT TUTOR FINDER IN BAHRAIN
1934	ZAINAB HASAN JASIM (13500828), ZAINAB MOHD ALI (14500477), EMAN ABDULLA (13500543)	PHONE APPLICATION TO REPORT ENVIROMENTAL VIOLATIONS
1935	EBRAHIM SULTAN (14500891), RASHID YUSUF ALNOAIMI (13500731), RAJAEYALAALI (12500319)	ONLINE RENT A CAR RESERVATION SYSTEM WITH ENHANCED SEARCH ENGINE
1936	NOORA ABDULLATIF YOUSIF (14500668), NOORA HUSSAIN ALQATTAF (14500858), SALMAN MOHAMED (13500460)	TAXI RIDE SHARING WEB APPLICATION
1937	SHAIKHA ISA NASSER NAJEM (13500748), FATIMA YUSUF AL-QASIMI (14500075)	PROPERTY RENT MANAGEMENT SYSTEM
1938	EMAN RASHID ZAINAL (12500314), ABDULLA ESSA ALQUTAMI (14500250), DALAL ABDUL RAHMAN (14500687)	APPLICATION SIMULATION FOR CHILDREN WITH DISABILITIES
1939	JALAL ADEL TURK (13500854), ABDULLA ISA ALSAIRAFI (13500835), ALI MOHD SHOWAITER (13500826)	SPELL CHECKER GAME
1940	ABDULLA RADHI (13500189), SALMAN AL SAIE (15500189), MOHAMED MAHER (15500229)	HOSPITAL TREATMENT SERVICES SEARCH APPLICATION
1941	AHLAM ALQALLAF (13500451), GHUFRAN ALMALKI (13500062), ALYA ALMALKI (09500181)	DESIGNING AND IMPLEMENTING AN AUTOMATED ATTENDANCE AND PAYROLL SYSTEM
1942	Maha Nabeel Al Muhanna (15500182), Ahmed Mohammed Ali (14500205), Hassan Abdali Ali (14500615)	RESTAURANT FOOD PREPARATION, SERVICE AND INVENTORY MANAGEMENT SYSTEM
1949	AMRIT JASVIR SINGH (15500738), SAJA FARHEEN ASHRAF (15500746), SALEHA ABDULLA NASEER AL-SADOON (14500960)	MAN-HOUR OPTIMIZATION SYSTEM IN EDUCATIONAL SECTOR

1950	ALAA ALI JAFFAR (15500997), TALAL TANWEER (15501038), HAMZA AL WEDAIE (14500365)	BYCYCLE RENTING SYSTEM IN BAHRAIN
1951	AHMED ALI (15500354), YASMIN ABDULLA (15500330), DALAL FAISAL (15500260)	WEB-BASED PET CARE APPLICATION
1952	MARIAM MOHAMMED AMEEN (12500425), SARA MOHAMMED AMEEN (13500377), FAREEDA A.WAHAB (13500395)	AUTOMATIC PARK SPACE ASSISTANCE SYSTEM
1953	MOHAMMED EBRAHIM (13500474), ISA JASSIM ALASIRI (15500864), AALAA ZUHAIR ABDULLA (14500344)	SALES AND MONITORING SYSTEM FOR STARBUCKS
1954	ABEER EBRAHIM RAJAB (12500217), KHULOOD AHMED BADER (14500915), HANAN AHMED KHALIFA (15501012)	CAMPUS WASTE SEGREGATION AND RECYCLING MANAGEMENT SYSTEM
1955	ABDULLA EBRAHIM AL BURASHAID (14500037), AHMED MAHMOOD AL QATARI (14500574), ALI JASIM AL MOAWDA (14500659)	H&M SALES DECISION SUPPORT SYSTEM
1956	MAJED AL ABTAH (13500184), ABDULLAH AHMED SAEED AFIFI (13500496), MOHAMMED AHMED MOHAMED ALABBASI (13500499)	SYNERGY: TO PROMOTE ECO-FRIENDLY ENERGY
1957	MENWA ABDULLA GHAZWAN (15501042), ABDULLA ABDULHAMEED SAAD (15500085), MARIAM YOUSIF ALNAAR (15500614)	IMPLEMENTATION OF VISUAL LEARNING TECHNIQUES FOR DOWN SYNDROME CHILDREN: AALI INTERMEDIATE GIRLS SCHOOL
1958	WASSM ADEL (15500529), (AHMED A. HUSSAIN (15500596), AHMED ABDULLA AHMED (12500102)	TENDER MANAGEMENT SYSTEM FOR CONSTRUCTION PROJECTS
1959	SAYED LOAY OMRAN ALI (13500604), FATIMA ABDULLA (13500646), BATool ALI (12500225)	ARABIC LITERATURE PORTAL FOR GRADUATE STUDENTS
1960	ABDULLA MUHAMMAD RIZA (15501124), NOOR AHMED NASER (15501123), ISHTIAQ AHMED MOHAMMED RAFIQUE	A WEB-BASED EVENTS MANAGEMENT PORTAL

	(14500664)	
1961	MUNA AHMED (15500768), KHALID ABDULLA ABDULRAHMAN ALALI (15500741), JAMEELA SOWALI (15500592)	FARMING ASSISTANT WEB SERVICE
1962	ABDULLA YOUSIF AL HARDAN (14501062), RAKAN AL ZAHRANI (15500799), MANSOUR ALI (15500561)	WEB-BASED CYBERCRIME REPORTING SYSTEM
1963	KAREEMA AHMED ABDULKARIM (15501108), DALAL FAREED (14500811), ZAHRA AL HAMRAN (14500774)	THE EFFECT OF PRICING AND PROMOTIONAL STRATEGIES ON CONSUMER BEHAVIOR AT ZAIN TELECOMMUNICATION COMPANY IN KINGDOM OF BAHRAIN
1964	AHMED ABDULHUSSAIN HABIB (15500092), MALEEHA MAHMOOD MERZA (13500513), MOHAMMED SAEED AHMED (15500307)	MAINTENANCE SERVICE MANAGEMENT FOR PROPERTY OWNERS
1965	ZAINAB A SHAHEED (15500059), FATIMA EBRAHIM (15500326), JENAN JAFFAR (15500233)	INTERIOR DESIGNING APPLICATION FOR ZAHRA INTERIOR
1966	HESSA EBRAHIM MOHAMMED (15501029), NAYLA EBRAHIM KHALIFA (13500948), KHALID ABDULLA MOHAMMED (13500446)	Drug Locator: Web-Based Medicine Finding System
1967	AQEELA MOHAMMED AL BANNA (15500719), SAWSAN AYOOB AL QALAF (15500720), AHMED SALMAN FARDAN (15500651)	GREEN BUILDING CONSTRUCTION MANAGEMENT SYSTEM
1968	ALI A.KARIM ABDULLA (14500024), ABDULAZIZ HASSAN (14500348), ZAHRAA FAREED (14500397)	SHAPES COMBINATION GAME FOR PSYCHOMOTOR SKILLS DEVELOPMENT
1969	ALI HASAN AL AM (12500327), QADREYA SAYED FLAH (15500684), DANA MOHAMMED SALEH (13500094)	FACE CARE SYSTEM
1970	FAISAL ABDULNASER (14500349), NAQIBALLAH MOHAMMED (14500741), SALEM AHMED (13500923)	PURCHASE AND SALES MANAGEMENT SYSTEM FOR TAILORING BUSINESS

1971	EMILE DIEZ (15500149), JOSHUA SANTIAGO (15500374)	CUSTOMER SERVICE MANAGEMENT OF FRONTLINE CUSTOMER SERVICE AGENTS IN WYNDHAM GARDEN HOTEL IN THE KINGDOM OF BAHRAIN
1972	NAWAF AL THAWADI (14500941), HAMAD BOKHAMMAS (12500510), AHMED AL ROMI (15500290)	TV ADVERTISEMENT PROGRAMMING AND MANAGEMENT SYSTEM
1973	ABEER ABDULLA AHMED (15500199), MOHAMMED ABDULLA HASSAN (15500208), HUSSAIN KADHEM ZAID (14500814)	SCHOOL TEXTBOOKS DISTRIBUTION SYSTEM
1974	DUAA ALKHAWAJA (13500769), HUSSAIN ABDALI HASAN (15500877), SHAIKHA SAQER ALHUSAINI (15500825)	GOLD TRADING SYSTEM
1975	BUSHRA GHANNAM (15500586), LULWA AL SUBAIE (15500435), YOUNIS JAMEEL ABDULHUSSAIN (15500518)	ONLINE MEDICINE DONATION PORTAL
1976	AHMED HASSAN ALHIDDI (16500157), FATIMA FUAD HASSAN (16500494), FATIMA MANSOOR ISA (16500694)	MARKETING MANAGEMENT SYSTEM USING BUSINESS ANALYTICS
1977	ZAINAB Abbas AL ARADI (13500037), ZAINAB AHMED AL HESABI (14500104), YOUNIS ABDULKARIM AL ARADI (13500233)	OBESITY TREATMENT PROGRAM SYSTEM
1978	SLMAN SALEM (15500747), SARA BASIM (12500561), EMAN ABDULREDHA (14500051)	TASK MANAGEMENT SYSTEM FOR CHANNEL
1979	ABRAR ADEL EBRAHIM (15500266), BALQIS SHAKER AL HOORI (15500082), SAYED ADNAN HUSSAIN (14500934)	WEB-BASED THEME PARK APPLICATION
1980	HUSAIN HAJI (14500329), HUSAIN RAYAN (15500739), MASOOOMA YOUSIF (13500739)	STARTUP COLLABORATION MANAGEMENT SYSTEM
1981	NADA DASHTI (13500067), SARA HAMAD (14500950), LATIFA ANWAR (14500253)	HEALTH CLUB CRM SYSTEM

1982	YOUSIF JAMEEL HAYAT (13500866), SAYED AHMED SAEED ALWEDAEI (14500531), AHMED MIRZA ALSAFFAR (13500308)	ONLINE RISK ASSESSMENT FOR BANKERS: TADHAMON CAPITAL B.S.C
1983	MARYAM ABDULLA ASHOORI (14500123), REEM ABDULLA ASHOORI (13500901)	DOCUMENT MANAGEMENT SYSTEM FOR MODERN KNOWLEDGE SCHOOL BAHRAIN (MKS)
1984	FATIMA SAYED JUMA (14500358), BATOOL SAYED ADNAN (14500465), ASMA AHMED ALI (14500852)	GREEN WALKWAY ENVIRONMENT SYSTEM
1985	ZAHRAA KHALIL EBRAHIM (13500886), SAWSAN JUMA ALKUAWITI (15500608), BUDOOR ABDULKARIEM AL MULLA (14500569)	FURNITURE PRODUCTION MANAGEMENT SYSTEM
1986	ABDULHAMEED MUSLIM MUSTAFA (13500520), HASSAN MANSOOR MOH'D (14500483), MOHAMMED S. ASGHAR ALI (14500351)	WEB-BASED INVENTORY MANAGEMENT DECISION SUPPORT SYSTEM
1998	HABIBA ABDULLA ALSAEED (13500145), JENAN EBRAHIM ABDULLA (13500747), HUSSAIN SHAKER ALSAEED (14500423)	HOSPITAL MANAGEMENT DECISION SUPPORT SYSTEM

#### Bachelor of Science in International Business List of Theses SY 2019-2020

Accession Number	Student Name	Thesis Title
1999	ZAIN MOHAMMED HAMADA (13500103), KHULOOD ISA HASHIM (15500582), SARA NABEEL AHMED (12500284)	CREDIT INFORMATION TRACKING SYSTEM: BISB
2000	HAIFA MOHAMMED DARWISH (15500338), HUDA SALEH MOHAMMED (15500781), FATIMA ABDULAMEER ALASFOOR (15500994)	TASK SCHEDULING SYSTEM FOR BAKERY PRODUCTS
2001	EMAN ABULLA HASAN (14500468), ZAHRA JAWAD (14500331), SAYED ALAA HAIDER AL-ALAWI (15500619)	ONLINE BOOKING AND MOBILE DIAGNOSTIC LAB TEST MANAGER

2002	MARYAM ABDULLA (12500330), JANNAT GHANIM (15500386), NOUF KUWAITAN (15500530)	LAUNDRY BUSINESS INTELLIGENT SYSTEM
2003	KEVIN DANIEL H. NAZARENO (15500484), MUHAMMAD HAJI (15500390), JAWAD MANZOOR (14500657)	WEB BASED GYM SPOTTING INFORMATION SYSTEM
2004	ZAHRA NASSER SHEHAB (14500119), WADEEHAYOUSIFFARDAN (15500523), ZAINAB MOHAMMED DHAIF (14500493)	AMAIUB RESEARCH CENTER MANAGEMENT INFORMATION SYSTEM
2005	MOHAMMED HASSAN AL-JALLABI (16500479), MOHAMED SAEED MUBARAK (16500412), AMER ALSHEAIBANI (16500522)	ON-ROAD VEHICLE BREAKDOWN ASSISTANCE FINDER
2006	NOFAL JAMEEL MOHAMMED (14500188), JALAL YOUNIS HASSAN (14500026), AHME JAFFAR HARMUZI (14500391)	WEB-BASED EMPLOYEE PERFORMANCE ENHANCEMENT USING GAMIFICATION TECHNIQUE
2007	BASIMA ALI AL-ALAWI (15500693), AISHA AHMED (13500661), MARIAM KHALIL (13500225)	DURRAT ALBAHRAIN ISLAND MANAGEMENT SYSTEM
2008	ANWAR JAFFAR A.ALHUSSAIN (13500678), ISA ALI ISA ALALWANI (15500343), NAJLA JABUR ALDOSERI (12500155)	SOFTWARE PRODUCTION INDUSTRY SUPPLY CHAIN MANAGEMENT (SCM)
2009	HUSSAIN ESSA ALHAMADI (14500014), MARYAM ABDULLA ALAWADHI (15500359), KHADIJA EBRAHIM MIRZA (14500611)	JAAMIAH: THE UNIVERSITY SPOTTER WITH ENHANCED SEARCHING SYSTEM
2010	ALI JAMAL MOHAMMED (14500232), SAYED ABDULLA JAMEEL (13500367), ANFAL KHALID ALSUBAIEI (14500088)	WEB-BASED BUSINESS MANAGEMENT SYSTEM FOR HEALTH CARE CENTER IN BAHRAIN
2011	SAUD ABDULAZIZ KHUNJI (15500056), EBRAHIM KHALED ALQUAED (15500146)	BAHRAIN CULTURE TICKET AND RESERVATION MANGEMENT
2012	NOOR AHMED ABDULLA (15500099), SARA ABDULLA BUALLAY (15500197), REEM MOHAMMED ALSHAIKH (14500719)	SALES AND MARKETING OPERATIONS MANAGEMENT FOR SUPER MARKET

2013	EMAN MOHAMME ALHEDDI (14500497), MARIAM JASIM BUZABOON (15500767), SAYED HADI HAMZA (15500618)	E-HEALTH INSURANCE SYSTEM
2014	HUSAIN FAISAL HASAN (15500130), ALI MOHAMED HASAN (15501008), HUSSAIN JAFFAR HABIB (15500040)	TRAFFIC VIOLATION REPORT SYSTEM FOR THE PUBLIC IN BAHRAIN
2015	FAISAL ALI ALMUDAHKA (15500305), JASIM MOHAMMED BUALI (15500058), MOHAMMED AL YOUSIF (15500755)	WEB-BASED E-CARERING MANAGEMENT SYSTEM
2016	MOHAMMED ASSIRI (15500801), AHMED MOHAMMED JUMA (15500512), NASSER ABDULLA (14500962)	WEB-BASED SYSTEM TO ENHANCE THE PERFORMANCE OF THE LABORS IN DIMENSIONS GROUP
2017	MARYAM ABDULLA ASHOORI (14500123), REEM ABDULLA ASHOORI (13500901)	Document Management System for Modern Knowledge School Bahrain (MKS)
2018	TALAL ABDULRAHMAN ALABBASI (13500206), SHIKHA AYOOB (13500914), SARA AL QAFFAS (15500243)	CAPSTONE PROJECT INFORMATION SYSTEM MANAGEMENT SYSTEM
2019	NASSER BADER SWAR (13500182), AHMED YOUSIF AHMED (14500720), YOUSIF ABDULKARIM YOUSIF (14500010)	GYM REGISTRATION AND PROGRESS MANAGEMENT SYSTEM
2020	SARA ALI YOUSIF (14500077), AMAL SALEH AHMED (13500793), FATIMA ABDULLA ALMANSOORI (14500296)	DOMESTIC JOBS MANPOWER SERVICES
2021	RABAB HABIB (16500576), YASMEEN AHMED (16500539), HESSA A.AZIZ AJAJ (09500624)	WEB-BASED ONLINE SOCIAL MEDIA SYSTEM DESIGNED FOR AMA UNIVERSITY
2022	FAHAD SALEH ALBUSMAIT (15501056), KHALID ALI AL ESYAI (13500532), BAYAN ESMAIL GHADEER (14500070)	MOBILE SHOPPING VAN FOR LADIES ACCESSORIES
2023	JASSIM ABDULLA JASSIM (15500992), ISA HAMAD (15500351), ZAINAB SHAKER (14500308)	ICAR: WEBSITE FOR CAR POOLING

2024	AMNA YOUSIF MOHAMMED (15500919), OMAIMA YOUSIF MOHAMMED (15500856), HAMAD AHMED MUSTAFA (13500601)	WEB APPLICATION FOR WOMEN EMPOWERMENT THROUGH CRAFT BUSINESS IN BAHRAIN
2025	FATIMA S.HABIB MOHSEN (13500130), NAJWA SULTAN (13500541), AHMED NASER QAMBER (15500454)	EDUCATIONAL ACTIVITIES SYSTEM FOR CHILDREN WITH DISABILITIES
2026	AHMED ALI HUSSAIN (13500013), MOHAMMED JAMEEL HAMMADI (13500141), ZAINAB MOHAMMED TAQI (15500089)	ROADS VEHICLE EMISSIONS ANALYSIS & RECOMMENDATION SYSTEM
2027	FATIMA KHALIFA (15500736), MITRAQ AL ANSARI (14500924), AYSHA MOHAMMED (12500063)	WEB-BASED CUSTOMER COMPLAINTS HANDLING SYSTEM
2028	AHMED AL SAEED (15501037), SAMAR SALMAN BUSHERI (12500240), MAHMOOD ALFARDAN (13500313)	WEB APPLICATION FOR PUBLIC TRANSPORT CONVENIENCE SYSTEM
2029	BAHJA ABDULKARIM (15500153), AMEENA MAHMOOD (15500248), DANA YOUSIF (15500132)	WEB-BASED GROCERY DELIVERY SYSTEM
2030	ABDULMANAN MAHMOOD MOHAMMED (14500219), AMEER HAMZA MOHAMMED (15500717), NAWAF EBRAHIM ALMALIK (14501035)	MLSD INSPECTION & MANAGEMENT SYSTEM
2031	HUSSAIN ALI MOOSA (15500419), HUSSAIN REYIADH AL HEBAISHI (14500330), SHAHABAS SHAMSUDHEEN (15501013)	ONLINE MANAGEMENT SYSTEM: SNOW WHITE CONSTRUCTION COMPANY
2032	HANAN KHALIL KWAITAN (15500838), MOHAMMED YOUSIF (15500283), MOHAMMED ALI SHARIF (15501054)	ONLINE BOAT RENTAL RESERVATION SYSTEM
2033	SALMAN ALI SALMAN (13500303), MAHMOOD ALQASSAB (15500250), HUSSAIN ALI AHMED (13500844)	BAHRAIN METRO SYSTEM
2034	ZAHRA JAFFAR NIMAH (14500424), SEDDIQA EBRAHIM ALFARDAN (14500871), SAKINA	TIME TABLE SYSTEM FOR AMA UNIVERSITY

	MOH'D ALI (14500276)	
2035	ZUHAIR JABER ALHALWACHI (14500090), FARIS A. JALIL ALHAWAJ (15500609), BRITHANIE R. DELA CRUZ (15501084)	TOURIST EXPERIENCE SHARING, A PORTAL FOR FOREIGN COMMUNITY
2036	YOUSIF MOHAMMED SSABRA (14500346), MOHAMMED ABDULLA AL SHAIKH (14500141), NASSER AL OMARI (14500901)	SAFETY BUILDING MANAGEMENT SYSTEM FOR EAT SMART MANAGEMENT COMPANY
2037	NOOR HAMEED ALFARDAN (13500664), AHMED EBRAHIM SEYADI (12500430), YOSRA YOUSIF ALI (14500569)	WEB APPLICATION FOR PROPERTY MANAGEMENT SYSTEM
2038	AHMED MOHMAD AHMED (14500652), NADA IQBAL MOHAMMED (13500770), ZAHRA ABDULLA HASAN (15501081)	HOTEL ROOM AND CONFERENCE ROOM BOOKING SYSTEM FOR SOFITEL HOTEL
2050	ISA KHALID ISA (15500072), MUHAMMAD ANAS (15500492)	WEB BASED UNIVERSITY JOB SEARCH AND PLACEMENT SYSTEM
2051	SAYED HASHEM KADHEM (15500041) HASAN MOOSA HASAN (15500724), MURTADHA ADBULNABI AHMED (15500210)	CLASSIFIED ADVERTISEMENT WEBSITE
2052	MARYAM AHMED ALI ALMANNAEI (15500966), HINA TUFAIL NAZIR AHMED MALIK (15500880), MARAWA ALI SALEH (15500538)	INTEGRATED CLASS MANAGEMENT SYSTEM
2053	DALAL JASSIM AL HAMMADI (16500018), NAYLA KHALIFA AL BUAINAIN (16500027)	CAR MAINTENANCE SYSTEM
2054	ZAINAB DAD KAREEM (16500181), FAJER MOHAMMED AL MALKI	INTELLIGENT RESTAURANT BUDGETING SYSTEM
2057	BALQEES SALMAN AL NASHABA (13500161), ABDULLA A. JALIL HASSAN (14500293), AHMED ABDULLA ALNOAIMI (15500929)	ONLINE LOAN APPLICATION SYSTEM

2058	HAJER ABDUL MONEM ABDULNABI (14500883), HANA ABDUL SHAHEED HAMMAD (14500476)KHATOON ABDUL JALIL AHMED (14500443)	DECISION SUPPORT SYSTEM FOR RETIREMENTS INVESTMENTS
2059	HAWRA KHALIL ASADALLA (15500493),FATIMA ABDULMONEM AL MARZOOQ (15500710)ABRAR ABDUL AMEER AL MUTAWA (15500285)	HOTEL HOUSEKEEPING RESOURCE MANAGEMENT SYSTEM
2060	SUHIAR ABDULLA RASHID (15501102), DALAL FARAJ FARHAN (15500818), FATIMA A. KARIM JASSIM JUMA (15500787)	DESIGNING AND IMPLEMENTING OF AUTOMATED DELIVERY MANAGEMENT PROCESS : ANSAR GALLERY
2061	IVAN CHRISTIAN G. MANGUBAT (16500259), ALVIN FRANZ W. ALIMUIN (16500598), WARRY W. ALIMUIN (16500173)	E-SCHEDULING SYSTEM FOR UNIVERSITY
2062	HASSAN MOHD ALI (13500955), ABDULLA HUSSAIN ALSAYYAH (14500190),ABDULLA MOHAMED AQaeda (13500861)	WEB BASED INVENTORY MANAGEMENT DECISION SUPPORT SYSTEM FOR ALWASAT COMPUTER
2063	ABDULLA A. WAHID ALSAEED (14500751),MOHAMMED NASSER QASSIM (15500888), OTHMAN MOHAMMED (13500977)	CUSTOMER SERVICE MAINTENANCE SYSTEM FOR IKEA
2064	MARYAM AHMED JANAH (14500736), ABDULLA ISA AHMED GHANEN (15501022),SAJJAD KHALIL ALHAYKI (13500973)	DOWCHERE WEBSITE
2065	SHARIFA FAISAL ALALAWI (14500223), ZAINAB SAYED FAISAL ALALAWI(14500157)	ONLINE MAINTENANCE ENQUIRIES SYSTEM
2066	EBRAHIM AMIN RAFEEA (16500464), HUSSAIN ALI HASSAN (16500437),HUSSAIN EBRAHIM ALI ALFADHUL (15500795)	FARMER'S AGRICULTURE USING E- DIGITAL SHOP
2067	JASSIM MOHAMED SALMAN (15500513), MHAMOOD ABDULLA SALMAN RADHI (14500794) MOHAMMED ABDULLA HASSAN	CONSIGNMENT TRACKING SYSTEM

	(15500443)	
2068	AHMED SAQEQ (15500459), MAHDI A RASOOL (15500837), MOHAMMED A RASOOL (15500810)	ONLINE PRIVATE TUTORS FINDER SYSTEM IN BAHRAIN
2069	KHADIJA HUSSAIN ALI (16500455), ALI AHMED ALMUALLA (16500198), FATIMA DARWISH GHULOOM (16500343)	WEB APPLICATION FOR SCHOOL INFORMATION SYSTEM IN BAHRAIN
2070	ZAHRA MOHSEN SALMAN (16500591) SUADA ABDULLA ALBALOOSHI, (16500346), SAYED HASSAB KARIM (16500396)	WEB BASED VACATION MANAGEMENT SYSTEM FOR EMPLOYEES
2071	MANAL YUSUF MAHMOOD (15500514), OHOOD ALI (15500339), SARA HASSAN JASSIM (14500073)	CAR TYPE SERVICE A WEB BASED APPLICATION
2072	JAWDAT BADRAN (15501078), MASOUD ABDUL NABI (14500303), SAYED ALI SALEH (15500276)	SMART PARKING SYSTEM
2073	MAYA SAMER SIDDIQUE (16500041) HAMAD IJAZ (16500299)	WEB BASED AMA LIBRARY CATALOGUE SYSTEM
2074	DALAL AL SHAMMARI (12500470), OLFA SALEH (14500696), ALI DASHTY (14500803)	EMERGENCY EVACUATION COORDINATION SYSTEM
2075	EBRAHIM JAVAID (14500715), SAAD YOUNIS (14500653), SAMEERA MAGHEEB (15500515)	WEB APPLICATION FOR ONLINE EXAMINATION AND RESULT SYSTEM
2076	MANSOOR HASSAN (14500864), HUSAIN EBRAHIM AHMED (15500109), MAHDI A. NABI (14500131)	ADVANCED CRICKET CLUB MANAGEMENT SYSTEM
2077	AMAL ABDULL (15500751), MARIAM HABIB (14500002), AMAL AL DOSERI (14500481)	WEB BASED LIVESTOCK FARM MANAGEMENT SYSTEM

2078	HUSSAIN ADEL (15500960), WALEED JASSIM (14500752),SAYED ALI (15500225)	DECISION SUPPORT FOR TENDER SELECTION
2079	SHAIMA AHMED ALQAROONI (155010830),AYSHA SALEM BUALLAY (15500737), SEDDIQA GHULOOM IBRAHIM (15500017)	RESTRAURANT CALORIE CALCULATOR : HEALTHY CALORIE RESTRAURANT
2080	GHALIYA SALEH ALAMEERI (15500822), SRA JASSIM ALSENDI (15500771),HASSAN MOHAMMED AMEEN (14500160)	WEB BASED OLD BOOK SELECTION SYSTEM
2081	MARYAM MOHAMED ALI (15501082), FATEMA ADEL AHMED (14500788)	WEB BASED COLLEGE E PRINT SERVICE MANAGEMENT SYSTEM
2082	JAMEELA MOHAMMED (14500136), FAISAL ALAZMI (13500713), SARA A. BAQI ALANSARI (12500443)	PERSONAL BUDGETING MANAGEMENT SYSTEM
2083	JALILA SAYED HASSAN ALI (12500557), ZAINAB AHMED BAQER (15500853), BATool MAKKI YOUSIF (15500150)	WEB BASED ONLINE LAWYER ASISSTANT CIVIL CASE MANAGEMENT SYSTEM
2084	ZAINAB HUSSAIN (14500156), MUNEERA SALAH (14500596)	CLASS MATERIAL SUPPLY SYSTEM FOR VIRTUAL CLASSES
2085	YUSUF ALDOSERI (13500319), HAMEED RAFIEY (14501031), WALEED KHALED (14500363)	FACULTY ONLINE EVALUATION SYSTEM FOR AMAIU
2086	MOAHMMED HADI ISA (15500935),ZAINAB ADEL MAHDI AHMED (14500800), OMAR MOHAMED ALMERBATI (15500400)	WEB BASED LEARNING RESOURCE MANAGEMENT AND RECOMMENDATION SYSTEM
2087	NADYA MANSOOR (1500887), ABDULRAHMAN HUSSAIN BUCHEERI (12500257), AMNA ABDULLA AHMED (13500207)	OPINION MINING FOR AUTOMATED RESTRAURANT REVIEWS RATING
2088	SALMAN MOHAMMED TAQAWI (15500630) NEZAR ISA (15500196),HASSAN TARIQ ALDOSERI (13500863)	USED CARD SALES AND EVALUATION SYSTEM

2089	MAJID ABDULLA SAIF (15500415), HAMAD GHAZI ALSHAIKH (14500625), HUSAIN MOHD EBRAHIM ALHADDAD (07501179)	SALES LEADS SYSTEM
2090	YOUSIF ABDULLA AMEEN (15500986),WAAD MOHAMMED (15500849), ZAINAB ISA ABDULLAH(12500162)	APPLICATION OF BUSINESS INTELLIGENCE IN THE REQUIREMENT ANALYSIS OF GREEN GROCERIES
2091	GHUFRAN JAFFER (15500423), EMAN ADNAN ALAWI (15500675), ZAHRA ISA ALI (15500317)	HEALTH DIET ONLINE SEARCH AND PROPOSAL SYSTEM
2092	SAYED HASHEM QAHERI (14500093), SAYED MOHAMMED MURTADHA (14500328) HUSSAIN MOHAMMED AHMED (14500789)	FACTORY SAFETY COMPLAIN SYSTEM
2078	HUSSAIN ADEL (15500960), WALEED JASSIM (14500752),SAYED ALI (15500225)	DECISION SUPPORT FOR TENDER SELECTION
2079	SHAIMA AHMED ALQAROONI (155010830),AYSHA SALEM BUALLAY (15500737), SEDDIQA GHULOOM IBRAHIM (15500017)	RESTRAURANT CALORIE CALCULATOR : HEALTHY CALORIE RESTRAURANT
2080	GHALIYA SALEH ALAMEERI (15500822), SRA JASSIM ALSENDI (15500771),HASSAN MOHAMMED AMEEN (14500160)	WEB BASED OLD BOOK SELECTION SYSTEM
2081	MARYAM MOHAMED ALI (15501082), FATEMA ADEL AHMED (14500788)	WEB BASED COLLEGE E PRINT SERVICE MANAGEMENT SYSTEM
2082	JAMEELA MOHAMMED (14500136), FAISAL ALAZMI (13500713), SARA A. BAQI ALANSARI (12500443)	PERSONAL BUDGETING MANAGEMENT SYSTEM
2083	JALILA SAYED HASSAN ALI (12500557), ZAINAB AHMED BAQER (15500853), BATOOL MAKKI YOUSIF (15500150)	WEB BASED ONLINE LAWYER ASISSTANT CIVIL CASE MANAGEMENT SYSTEM
2084	ZAINAB HUSSAIN (14500156), MUNEERA SALAH (14500596)	CLASS MATERIAL SUPPLY SYSTEM FOR VIRTUAL CLASSES
2085	YUSUF ALDOSERI (13500319), HAMEED RAFIEY (14501031), WALEED KHALED (14500363)	FACULTY ONLINE EVALUATION SYSTEM FOR AMAIU

2086	MOAHMMED HADI ISA (15500935), ZAINAB ADEL MAHDI AHMED (14500800), OMAR MOHAMED ALMERBATI (15500400)	WEB BASED LEARNING RESOURCE MANAGEMENT AND RECOMMENDATION SYSTEM
2087	NADYA MANSOOR (1500887), ABDULRAHMAN HUSSAIN BUCHEERI (12500257), AMNA ABDULLA AHMED (13500207)	OPINION MINING FOR AUTOMATED RESTRAURANT REVIEWS RATING
2088	SALMAN MOHAMMED TAQAWI (15500630) NEZAR ISA (15500196), HASSAN TARIQ ALDOSERI (13500863)	USED CARD SALES AND EVALUATION SYSTEM
2089	MAJID ABDULLA SAIF (15500415), HAMAD GHAZI ALSHAIKH (14500625), HUSAIN MOHD EBRAHIM ALHADDAD (07501179)	SALES LEADS SYSTEM
2090	YOUSIF ABDULLA AMEEN (15500986), WAAD MOHAMMED (15500849), ZAINAB ISA ABDULLAH (12500162)	APPLICATION OF BUSINESS INTELLIGENCE IN THE REQUIREMENT ANALYSIS OF GREEN GROCERIES
2091	GHUFRAN JAFFER (15500423), EMAN ADNAN ALAWI (15500675), ZAHRA ISA ALI (15500317)	HEALTH DIET ONLINE SEARCH AND PROPOSAL SYSTEM
2092	SAYED HASHEM QAHERI (14500093), SAYED MOHAMMED MURTADHA (14500328) HUSSAIN MOHAMMED AHMED (14500789)	FACTORY SAFETY COMPLAIN SYSTEM

### Bachelor of Science in International Business List of Theses SY 2020-2021

Accession Number	Student Name	Thesis Title
2093	AHMED MOHAMMED (15501043), SALMAN ALI (15500366), MOHAMED EBRAHIM (15501114)	LOAN MANAGEMENT SYSTEM
2094	BAYAN MOHAMMED BUMTAIA (14500039), ABDULRAHMAN NASSER MOHAMED (14500063), OMAR ABDULAZIZ HUSSAIN (13500928)	GREEN ENERGY ESTIMATION

2095	MOHAMED KHALID ALDOSERI (15501063), HASSAN HAJI (15500261), TALAL KHALED ALMUSLEMANI (14500792)	APARTMENT VISITOR MANAGEMENT SYSTEM FOR PARK LANE FLATE
2096	AMAL ABDULLA ALMULLA (15500216), NOORA ALI ABDULLA (14500178), AMEENA ABDULRAHMAN MESHKHAS (15500242)	ONLINE AUCTION SYSTEM FOR ART PIECES
2097	SAYED AHMED ABDULAZIZ (16500102), YOUSEF ABDULWAHID ABUDEEB (16500414), NOOR JAFFAR SARHAN (16500735)	AUTOMATED GARBAGE MANAGEMENT SYSTEM FOR BAHRAIN MUNICIPAL COORPORATION
2098	RIZWAN MOHAMMED (16500705), RAHMA SABIR (16500687), ALEEM ALI (16500553)	E-LEARNING PLATFORM WEBSITE
2099	HAWRA ALMUTAWAH (17500437), REEM YAQOOB (16500197), HANAN AHMED ALI (17500447), ABDULMAJEED ALTERAIKI (16500763)	ADVANCED CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM USING WEB BASED TECHNOLOGIES FOR THE TRAVEL AGENCY
2100	SARAH JAFFAR ABDULLA (15500594), AMAR ISA ALMAHMEED (14500176), MOHANID ALOUG (15500725)	DIRECTORY WEB FOR NURSERY AND PLANTS INFORMATION SYSTEM IN BAHRAIN
2101	MOHAMMED AL HALWACHI (15500253), MOHAMMED AL KABBAZ (15500520), MARWA JANAH (14500730)	ON THE SPOT LAPTOP MAINTENANCE AND REPAIRING SYSTEM
2102	ASFAND YAR WALI (17500208), ABDULLA JAMAL (16500377), ABDUL RAHMAN HAFEEZ (17500525)	ONLINE INSPECTION SYSTEM FOR CARS
2103	BUTHAINA ISHAQ (14500690), MAI YUSUF MOHAMED (14500921), MUNYAH FAISAL (15500486)	HOME ISOLATION AND QUARANTINE FACILITY AVAILING SYSTEM
2104	MOHAMED ALI HASSAN (13500224), MOHAMMED MARWAN (14500298), DUHA MOHAMED BUBSHAIT (15500006)	WEB BASED EMPLOYEE TRAINING AND DEVELOPMENT MANAGEMENT SYSTEM

2105	FATIMA A.SHAHEED EBRAHIM (13500068), AALA HASSAN KHATAM (13500041), HASSAN AL ARADI (15501126)	HUMAN RESOURCE ORGANIZATIN SYSTEM FOR HONDA COMPANY BAHRAIN
2106	FATEMA HUSAIN HAJI (13500468), MAHMOOD YOUSIF (15501020), ALI EBRAHIM (12500212)	WEB SERVICE FOR FARMING ASSISTANE PORTAL
2107	DUAA AHMED ISA (15500734), ABEER MOHAMMED ABDULLA (15500745), AISHA KHALID ALDOSSARY (15500709)	VETERINARY CARE FOR ANIMAL MEDICAL SOLUTION BASED APPLICATION
2108	BADER ANWAR JANABI (15500262), ZAINAB ABDULL HAMEED (13500462), SAJEDAH ZUHAIR ISMAEEL (14500970)	WEB BASED PATHOLOGICAL TEST MANAGEMENT SYSTEM
2109	MASOOMA ALASYED (15500985), ZAHRA MOHAMMED (15500384), HAJAR ALATIFE (15500753)	ONLINE MEETING MANAGEMENT SYSTEM
2110	MASHAEL SALEH YASEEN (14500360), HUSSAIN FADEL HAMMAD (16500235) AHMED BUALI (16500665)	WEB BASED TASK MANAGEMENT SYSTEM FOR DISTANCE WORKING
2111	AHMED ALASKARI (15500712), AHMED MOOSA (15500119), ABDUL WAHAB MOHAMMED (13500124)	A/C SERVICE SYSTEM FOR MULTI STORY BUILDINGS CRM
2112	ZAKAREYA A.NABI TELAQ (14500107), FERAS HUSAIN ABDULAZIZ (14500027), AHMED HABIB ALARADI (15500424)	ONLINE CHARITY DISTRIBUTION AND AUTOMATION SYSTEM
2113	AMER MOHAMMED JAWADI (15500167), OMRAN MOHAMMED JAWADI (15500162) HUSSAIN MAHMOOD ASAD (15500159)	AN E- COMMERCE WEBSITE FOR CLOTHING
2114	ALI AHMED GHULOOM (15500990), MOHAMED AL MASKATI (13500567) SAAD ALABDAN (15500432)	NEW PARENTS CONSULTATION SYSTEM
2115	SARAH EBRAHIM ALBAHAR (15501017) HUSSAIN MOHD EBRAHIM (15500647)MARWA SALAH RADHI (15500978)	STUDENT MEDICAL SYSTEM

2116	ABEER SHEBAB(17500277)MASOOMA QAEDI (17500614)NOORA ALSUKAITI (17500062)	EXAM PERMIT AND HALL TICKET MANAGEMENT SYSTEM FOR AMA UNIVERSITY
2117	MOHAMMED AL ALI (17500020), ALI HASAN JASIM (17500203), MILAD AL KHAJA (17500603)	ROAD FAULT REPORT AND MAINTENANCE SYSTEM
2118	MOHAMED EBRAHIM MIRZA (16500761), HUSSAIN MOHAMMED HUSSAIN (17500227), ALI ABBAS AL MUBARAK (14500098)	ONLINE CAR RECOMMENDATION AND COMPARISON SYSTEM
2119	MARWA ALBASTAKI (16500217), ISA ALAWI (16500371), ALI MOHAMMED ALI (16500762)	FOOD WASTAGE REDUCTION MANAGEMENT SYSTEM
2120	NADA MUSTAFA MOHAMED (18500877), HAMEED HASAN ALSHOWAIKH (16500039), SAYED JALAL MAHMOOD (16500717), OSAMA OMAR ALI (17500213)	WEB-BASED PROJECTS & ASSIGNMENTS EVALUATION & APPROVAL SYSTEM
2121	RAWAN ADEL JANAHI (17500839), AHMED QASSIM AHMED (16500559), YAEER SAEED ALI ABDULLA (16500663)	VIRTUAL LEARNNG SYSTEM FOR CHILDREN WITH ABNORMALITIES
2122	ALI WAEL YOUSIF (14500054), MUBARAK NASEER ALSULAITI (13500075) MALAK MAITHAM ALI (15500913)	CAPSTONE STUDENT'S MANAGEMENT SYSTEM USING PHP
2123	JAWAHER KHALIL EBRAHIM (16500434), KHALID MOHAMMAD RAZA (15501085)	ONLINE COVID SAFETY EQUIPMENT PROCURING & BLOOD BANK MANAGEMENT SYSTEM
2124	AISHA YOUSIF BINSAFAR (16500575), HAWAZAN HEJRES (17500557), ANOOD ALI HASSAN (16500678)	WEB BASED MILK & FRUIT JUICE DELIVERY SUBSCRIPTION SYSTEM
2125	ABDULLA JAMAL (18500620), AHMED MOHAMMED (16500118), SARA ALBUTTI (16500813)	ONLINE FORUM FOR IT STUDENTS AND PROFESSIONALS
2126	ALI MOHAMMED JAWAD (15500782), ZAINAB SAYED MAKI (15500749), ABRAR KHALED ALJANAH (15500951)	ONLINE PLATFORM FOR COFFEE CASERO

2127	MOHAMMED YAQOOB BUSHEERI (16500634), AHMED HASAN ALTAMIMI (16500638), RAWAN MOHAMMED (16500103)	LOYALTY PROGRAM FOR RESTAURANT
2128	AHMED ASHRAF ABUDAYEH (16500768), TALAL EBRAHIM KAMAL (17500065), OMAR SAMI KHAMIS (17500715)	YA MODEER HOME SERVICE APP
2129	MOHAMED ABDULL KARIM (16500009) WAFA SALEM MULLA (17500571)	WEB APPLICATION FOR MOVIE SELECTION & SERVICE AVAILING SYSTEM
2130	MAHMOOD ABDUL MADHI FATEEL (16500049), ABBAS RAHIMI (16500100), ALI ABBAS ALAALI (16500164)	SCHOOL HEALTH RECORD MANAGEMENT SYSTEM
2131	AYAT JAMEEL ALKHAWAJA (15501011), KHADIJA AQEEL (15500899), ABDULRHMAN WALEED (15500817)	ADVANCED TENDER MANAGEMENT SYSTEM FOR CONSTRUCTION PROJECTS IN BAHRAIN
2132	SHAIKHA KHALIL ALDOSERI (17500632), AYSHA MOHAMMED MAGHAIB (16500741), SARA KHALID FARAJ (17500504)	COVID TREATMENT CENTER MANAGEMENT SYSTEM
2133	HASSAN JASSIM AL ARADI (16500063), ALI JASSIM AL ARADI	TEXTILE ONLINE WEBSITE
2134	SAYED QASSIM HAMEED (14500834), NOOR JAFFAR (15500328), EMAN JAFFAR (15500327)	SHOPPING MALL ITEM LOCATION SERVICE
2135	AHMED FAHEEM ALSAAD (13500069), ABDULLA SHAKER (14500003) EBRAHIM ALNDI (15500166)	NEURAL NETWORK FOR STOCK PREDICTION
2136	NOORA ABDULAZIZ JASIM (14501013) ALI MOHAMED ALI (14501053)	PROPERTY VALUATION SYSTEM FOR REAL ESTATE OFFICE
2137	MAHMOOD GUL MOHAMMAD (17500068), MANAF BAKRO (17500450), MANAR ABDULJABBAR (16500258)	WEB BASED BOOK LOCATOR & ORDERING APPLICATION FOR AMAIUB LIBRARY

2138	ALI HABIB HAJI (17500087), MOHAMMED HASSAN AL BAHARNA (16500674), SAMEEHA AHMED (16500423)	HOLIDAY TRAVEL DESTINATION SELECTION
2139	YOUSIF JAMEEL (1650065), SAYED ABDULLA HAIDER (16500369), YOUSIF ABDULLA MOHAMMED (17500063)	BUSSINESS MANAGEMENT SYSTEM FOR HEALTH CARE CENTER
2140	ABDULLAH ALI ALMUALEM (17500199), ALI HASSAN HUSSEIN (17500714), MOHAMED HASAN AHMED (17500050)	WEB BASED PURCHASING MANAGEMENT WITH INVENTORY ARRANGING SYSTEM
2141	ALI HASSAN JASSIM (14500873), SOSAN ABRAR (15500945), AMINA MOHAMMED (15500983)	HOME MADE FOOD QUALITY CONTROL SYSTEM
2142	GHADEER THABET (16500595), EMAN FUAD (17500035), MOHAMMED JAMEEL (17500649)	VOLUNTEER MANAGEMENT SYSTEM
2143	LATIFA JAMAL YOUSIF (17500713), FATIMA MOHAMMED ABDULLA (17500850)], ABDULLA ABBAS (17500491)	WEB BASED CUSTOMIZED FASHION DESIGNING SELECTION SYSTEM
2144	MOHAMED JAAFAR (16500662), WADEEAA HASSAN (16500090), EBRAHIM ISMAEEL (16500199)	FOOTBALL FIELD MAINTENANCE CRM
2145	ZAINAB EBRAHIM MUBARAQ (16500745), WAAD MAJEED (16500703), GHaida HUSSAIN (16500392)	BAHRAIN INTERNATIONAL AIRPORT PASSENGER ASSISTANCE SYSTEM
2146	HAMAD ADEL BAQI (17500798), ALI KHALID ALDOSERI (17500146), MOHAMMED MUNEER ISA (17500572)	WEB BASED APPLICATION FOR BRANDED WATCHES PROMOTION
2147	ABRAR ADEL (16500024), EMAN MERZA (16500147)	WEB BASED ELECTRONIC VOTING APPLICATION IN UNIVERSITY OF TECHNOLOGY BAHRAIN
2148	ZAINAB HUSSAIN ZAINAL (17500088), JEHAN NADER DADI (17500125)	EMPLOYEE INFORMATION SYSTEM

2149	HUSAIN SALMAN HASAN (17500201), ALAA EMAD ALHADDAD (16500617), ABDULREHMAN ARIF (16500449)	CLEANING PRODUCTS SUPPLY CHAIN MANAGEMENT (SCM)
2150	HAYA SAEED (17500451), MARIAM ESSAM (17500043), FATIMA MOHAMMED (17500082)	WEB BASED SOCIAL MEDIA APPLICATION FOR CAPSTONE STUDENTS
2151	YASSER A RAHMAN JANAH (16500808), MOHAMED FAISAL KAZEROONI (16500794), ABDALRAHMAN HASSAN ALHAYKI (16500789)	WEB BASED WATER DELIVERY SUBSCRIPTION SYSTEM
2152	ZAINAB ALSHEHAB (17500736), GHALYA KHALID (17500054), ZAINAB ADEL (16500115)	WEB BASED APPLICATION FOR BOOK BUYING & SELLING SYSTEM
2153	AMNA JUMA EBRAHIM (17500308), SHOOQ HABIB ABDULKARIM (17500328), AHMED SALEH EBRAHIM (17500434)	WEB BASED FITNESS DIET RECOMMENDATION & CONSULTATION SYSTEM
2154	FAISAL SAMEER ALQATTAN (15500090), SALMAN MOHAMMED ALATAWI (15500455), YASER MAHOOD AHMED (14500879)	WEB BASED E VACCINATION MANAGEMENT SYSTEM
2155	MUSTAFA HUSSAIN ALI (15500642), MOHAMMED KHALIL JAFFARI (15500284), HAWRA MOHAMMED BAQER (17500716)	SECURE ONLINE EXAM SOFTWARE FOR AMAIUB
2156	GHADEER YUSUF JAMSHEER (15500613), MOHAMMED ARAFATH NIHAR (17500665), ABDULLA A.AZIZ ALBANNA (15500695)	AN ONLINE PLATFORM FOR QUEUE MANAGEMENT SYSTEM

**Bachelor of Science in International Business List  
of Theses SY 2021-2022**

Accession Number	Student Name	Thesis Title
2157	HASAN A.NABI ABDULLA (17500218), ALI EBRAHIM ALI (18500556), HASAN JAAFAR JASIM (18500033)	DOWN SYNDROME STUDENTS ONLINE LEARNING APPLICATION

2158	NOORA AHMED ALMALOOD (17500784), RABAB ALI HASSAN (17500774), ABDULLA ISA AHMED (17500818)	ORGAN DONATION MANAGEMENT SYSTEM
2159	FADHEL MOHAMMED SHAKER (17500114), LEENA HUSSAIN AL FUZIA (17500520), MOHAMED ALWARDI (16500837)	RESEARCH CENTER MANAGEMENT INFORMATION SYSTEM FOR PHD STUDENTS
2160	MOHAMMED ALALI (14500111), ABDULLA YAHYA ALGAOUD (14500294), AMMAR YASER ALAALI (13500376)	FLEXIBLE E-COMMERCE WEBSITE FOR CLOTHING COMPANY
2161	AHMED YUSUF (16500109), MOHAMMED MOHSEN (16500742), QASSIM MOHAMMED (16500087)	SERVICES APPOINTMENT SYSTEM
2162	ALI SAEED (17500868), SAYED ALI MADHI (17500293), MAHMOOD ALI HUBAIL (17500206)	RECRUITMENT SYSTEM FOR STUDENTS OF UTB UNIVERSITY
2163	HASSAN AHMED (17500800), AHMED EBRAHIM (17500823), ALI MADHI (16500296), ABDULLAH ABDULAZIZ (13500083)	SYSTEM TO ENCHANCE SAFETY INSPECTION IN ALBA
2164	SALMAN NASEER AHMED (17500473), FAISAL NASEER AHMED (17500472), MOHAMMAD NADEEM (15500947)	WEB BASED ENTREPRENUERSHIP MANAGEMENT AND SKILL GAINING SYSTEM FOR UTB STUDENTS
2165	HAWRA ALFARAJ (16500790), MOHAMMED ALFARAJ (16500791) ABDULLA KADHEM (16500721)	WEB BASED TAILORING & DESIGNING MANAGEMENT SYSTEM
2166	SAMAR MUNTHER ARAIQAT (17500042), HANAN SALMAN MUSTAFA (16500585), FATIMA MOHAMMED JASIM (16500567)	WEB BASED DAIRY FARM MANAGEMENT & MARKETING MANAGEMENT
2167	RUQAYA SAYED (17500337), SARA AQEEL (16500795), HESSA ALSARI (17500318)	COVID LOCKDOWN VIOLATION REPORTING SYSTEM
2168	HAYA ADEL YOUSIF (17500407), WALAA MARWAN ALASHI (18500352), JENAN ABDULLA HASAN SULTAN (18500057)	WEB BASED VISITORS GATE PASS MANAGEMENT SYSTEM

2169	MOHAMMED ABDUL AZIZ AL HAYKI (16500163), MOHAMMED HASAN ALI (16500300), MAHMOOD SAEED (16500471)	HOME DECOR MANAGEMENT SYSTEM
2170	ABDUL AZIZ AL KHAJA (13500284), OMAR EBRAHIM QAED (15500967), ALI AHMED RASHID UZ ZAMAN (14500936)	WEB BASED HOME FURNISHING SHOP MANAGEMENT & QUERYING SYSTEM
2171	SAYED REDHA ISA HASAN (15500842), MARIAM KHALIFA ALSADOON (17500801)	WEB BASED LABORATORY TESTING MANAGEMENT SYSTEM
2172	AHMED YOUSIF ALTAMIMI (16500625), HAITHAM JAFFAR SALEH (16500683), DUAA MANSOOR ALA ALI (17500843)	WEB BASED LABOUR MARKET REGULATORY ASSISTANCE SYSTEM
2173	DAWOOD SALMAN ABDULLA (17500248), ALI ABDULLA (17500366)	WEB BASED MAINTENANCE MANAGEMENT & SCHEDULING SYSTEM
2174	HUSSAIN ALI ABDULLA (17500294), DALAL KHALID (16500571), MAJED KHALID MALALLA (17500343)	SMART DRY CLEANING & LAUNDRY SCHEDULER APPLICATION USING ANDROID
2175	ALI KEFAH (17500513), SAEED SHABIB (17500179), MOHAMMED AHMED (16500092)	E-INSURANCE SYSTEM
2176	ABDULRAHMAN ALDOSSERI (17500689), HAMAD SULTAN (17500197), TURKI YUSUF (18500801)	WEB BASED DRIVING TEST AUTOMATION SYSTEM
2177	AZZAM AL SHAMMARI (16500534), MOHAMMED HASSAN ALI (15500543), REDHA ABDULLA (15500834)	APPROVALS FOLLOW UP SYSTEM FOR SHIPPING SERVICES
2178	AMMAR YASSER ALI (17500012), SHAHBAZ ALI SHAH (15500836), HASSAN ALI NEAMA (15501026)	HOME MAINTENANCE SYSTEM
2179	HAWRA HASAN AHMED (18500231), MARIAM HADI MERZA (18500204), MOHAMMED KHALID HAJI (16500193)	WEB BASED STUDENTS COMPLAINTS RESOLUTION SYSTEM FOR UTB

2180	MOHAMMED ABDULAMEER (15500396), ALI HUSSAIN ALSHOALA (16500172), MERZA ABDULHAMEED (17500445)	ONLINE FURNITURE CUSTOMIZATION AND ORDERING SYSTEM
2181	FATIMA SULTAN (18500059), MAHDI MOHAMMED (18500403), MANAR JAAFAR (17500702)	FOOTBALL STATISTICS SYSTEM FOR UNIVERSITY OF TECHNOLOGY BAHRAIN TEAM
2182	MOHAMMED NASER AHMED ALASFOOR (17500220), MARYAM ABDULRAHMAN (18500257), HASAN ALI HASAN (17500844)	A WEB BASED APPLICATION TO DELIVER SCHOLARSHIP TO THE RIGHT PEOPLE IN BAHRAIN
2183	MOHAMED SHAWQI (19500859), HUSSAIN AHMED (15500993)	ATTENDANCE MAINTENANCE SYSTEM FOR UTB
2184	SARAH KHALIFA ALROWAIE (14500907), AHMED SAEED (13500843), ALI MAHMOOD YOUSIF (15500471)	STUDENT COUNSELLING MANAGEMENT SYSTEM
2185	MARIAM ALI ABDULLA (16500565), MAY ABDULLA MOHD (17500095), BADER ABDULLA (18500766)	WEB BASED SMART TOURISM SELECTION SYSTEM FOR BAHRAIN
2186	MOHAMMED MAHER (14500032), MARYAM MOHAMED (14500217), SARA HUSSAIN (15500224)	WEB BASED KIDS VACCINATION ELECTRONIC RECORD SYSTEM
2187	HAZEM EL GHANNAM (17500735), HUSSAIN NAJEEB (16500372), ALI NABEEL AHMED (17500269)	OBJECT IDENTIFICATION SYSTEM FOR THE VISUALLY IMPAIRED
2188	MOHAMMED SAMEER RADHI (18500270), AHMED HUSSAIN (18500116), ALI SAMEER RADHI (17500091)	3D PRINTING AND RISEN MANAGEMENT SYSTEM
2189	KHADIJA SAJID KHAN (19500340), HUSAIN YIUSIF AHMED RASHED (18500013), ESSA ALABBAS (16500600)	SEARCHABLE DATABASE
2190	ENRICO PAOLO U. CUNANAN (18500374), WAMIQ KHAN (17500754)	A GRADE APPEAL SYSTEM FOR THE UTB OFFICE OF STUDENT AFFAIRS
2191	ENOCH EASO GEORGE (17500143), ABDULLAH EBRAHIM (17500066), AHMED MOHAMED	CAREER ZONE APPLICATION FOR HIGHER EDUCATION

	SANAD (17500022)	
2192	HUSSAIN QASSIM BUSHEHRI (16500330), HASSAN ALI HABIB (18500331), ALI HESHAM ALI (18500091)	INTELLIGENT BLOOD BANK SYSTEM
2193	SARA SALAH ALTOOQ (17500666), HUSSAIN MOHAMMED ALBAQALI (16500088), ALYA S YUSUF (18500194)	WELLNESS MANAGEMENT SYSTEM
2194	SAMAH ALI OBAIDAT (18500776), MOHAMMED JASSIM MIRZA (18500401), MOHAMED HASAN ABUACHAL (17500212)	FINANCIAL ADVISOR ASSISTANT FOR BANKS
2195	MARIAM ALI ABDULLA (14500908), MOHAMED HASAN ISA (13500979), MARWA GHULOOM REDHA (15500867)	FAKE REVIEW IDENTIFICATION SOFTWARE
2196	ALI YASSER (17500731), FAJER EBRAHIM (18500695), NAWRA AQEEL (18500729)	AUTOMATED GARBAGE MANAGEMENT SYSTEM FOR BAHRAIN MUNICIPAL COORPORATION
2197	RUQUYA ABDULREDHA HASAN (17500602), MUBARAK RASHID YASEEN (18500429), SHARIFA MOHAMMED (17500601)	GARAGE SALE SYSTEM
2198	ZAHRAA MOOSA AHMED (18500315), NADA MOHAMMED HASSAN (17500671), RUYAN IBRAHIM ALKHALILI, (18500238)	WEB BASED APPLICATION FOR DOMESTIC JOBS MANPOWER ARRANGEMENTS SYSTEM
2199	RASHID MOHAMED ALMAHMOOD (17500832), FATIMA HASSAN ALI (18500201), ARWA ISA ABDULRAHIM (18500640)	ONLINE MEDICINE SEARCH WEB APPLICATION
2200	ZAINAB SAYED JALAL (18500746), ALI HASSAN AL SHABAN (17500419)	CUSTOMER SUBSCRIPTION MANAGEMENT FOR ENTERTAINMENT SERVICE
2201	MARIAM ALMUDAHKI (18500490), AYSHA ALOTHMAN (18500355), RADHYIA ALI (18500549)	GIVEAWAY SHOP MANAGEMENT SYSTEM

2202	ZAINAB ISA AL HAFEDH (17500078), HASSAN MAHMOOD AL ANSARI (18500432), ALI HASAN MOHAMMED , (18500441)	STUDENT ACTIVITY MANAGEMENT
2203	SADEQ ALMAQABI (18500217), AMEENA SAAD (18500339), ALI HUSSAIN (18500548)	WEB BASED GAS CYLINDER ORDERING & REQUEST SYSTEM
2204	ISA ABDULLA (17500011), FATIMA GHULOOM (17500024), SHAHD AHMED (18500424)	BAHRAIN JUDICIARY LAW
2205	KHALIFA YUSUF JANABI (15500084), NAYEF TALAL BUTALAL (15500805)	RACE HORSE CARE MANAGEMENT SYSTEM
2206	AHMED MOHAMMED (18500258), NOOR JASSIM ALNAAR, (17500036), ABDULAZI ABDULRAHMAN (17500566)	WEB APPLICATION FOR TRACKING AND TREATMENT PROCESS SYSTEM FOR COVID PATIENT IN HOSPITAL
2207	SHAIKHA BASSAM (17500156) WEJDAN FUAD (17500353), TALAL ALQAHERI (16500690)	WEB BASED GOLD STORE INVENTORT MANAGEMENT SYSTEM
2208	HUSAIN SAEED (18500834), ABDULLAH MUSTAFA (18500346), MOHAMED ABBAS (18500356)	HOME CINEMA RESERVATION AND SETUP SYSTEM
2209	FATEMA HASSAN ATEYA (17500819), EMAN MAHMOOD MOHAMED (17500761), DEENA JABER YUSUF (17500443)	ENCHANCED VEHICLE INSURANCE SELECTION SYSTEM
2210	EBTISAM ALSHEHABI (18500370), GHaida RADHI JAWAD (18500089), DUHA MOHAMMED JASSIM (18500225)	WEB BASED COVID LAB TEST MANAGEMENT SYSTEM
2211	KHADIJA AQEEL, (18500088), ZAINAB MOHAMMED SALEH (19500312), AHMED A. RAZAQ (17500252)	CONSUMER GOODS REQUIREMENT ANALYSIS WEBSITE
2212	AMAL JAFFER ALJAMRY (17500449), FOUZ SHARIF (17500822), SAYED ALI HUSSAIN JALIL (18500730)	CUSTOMER SERVICE MANAGEMENT OF FRONTLINE CUSTOMER SERVICE AGENTS IN WYNDHAM GARDEN HOTEL IN THE KINGDOM OF BAHRAIN
2213	ALI HASAN MAHDI (18500384), ZAINAB Hussain (17500634), NOOR ADEL (17500796)	WEB BASED SYSTEM FOR SALES AND MAINTENANCE OF DENTISTRY EQUIPMENT

2214	KAWTHAR ABDULNABI (19500107), RUQAIYA ABDULAZIZ (18500492), MUNA MAHDI (18500282)	SOCIAL MEDIA MANAGEMENT SYSTEM FOR UTB
2215	OBAIDA ALDOSERI (17500092)), ABDULLA FUAD SALMAN (18500019), ABDULLA JAAFAR (18500447)	WEB BASED CUSTOMIZED FASHION SELECTION SYSTEM
2216	FATEMA SAYED HAMEED (16500393), SAYED HUSSAIN ABBAS (18500559), FAISAL ABDULJALIL (16500566)	STUDENT PRIVATE TUITION SUPPORT SYSTEM
2217	MONA SALMAN ALI (16500758), KHALID MOHAMMED (19500419), HUSAIN ALI HASSAN (18500113)	FOOD PRODUCTS STORING MANAGEMENT SYSTEM
2218	HAITHAM ALI (16500781), MANSOOR JABER (17500283), YUSUF ALI DAHNEEM (17500718)	WEB BASED ROAD FAULT REPORTING AND MAINTENANCE APPLICATION
2219	BASHAR HUSSAIN KHALIL (18500044), FADHEL FAISAL ALSAEGH (17500295)	MARKETING ADVSOR FOR UTB
2220	QATRALNADA KHALIFA (17500802), WALAA KHALIFA (17500280), ALAA KHALIFA (17500281)	WEB BASED LABORATORY TESTING MANAGEMENT SYSTEM
2221	SAUD ABDULAZIZ ALALWAN (18500412), QASSIM ABDULZAHRAA (18500793), AHMED FAKHRAWI (17500495)	RESTUARANT GUIDE FOR BAHRAIN BASED APP
2222	AASEEM MOHAMED (18500073), MAHA ALGHAMDI (17500406)	DUKAAN: THE DROP SHIPPING APPLICATION FOR CASUAL GADGETS
2223	HASAN ALI HASAN (17500193), RABAB MOHD ALI (18500436)	PADEL RESERVATION SYSTEM
2224	SARA ALI RASHID (13500159), QASIM ALI HUSAIN YUSUF ALFAYAH (15501087)	ONLINE HOUSE RENTAL SYSTEM
2225	AYAA ALI NEMAH (16500608), ADNAN EHSAN (18500670), HAMAD JASIM BUCHEERY (17500646)	CUSTOMER SATISFACTION OF NQ'S COOKERY RESTRAURANT

2226	REHAM ALHOORI (17500517), SHOOQ SALAH ALQATTAN (17500762), SALMAN SAYED (17500755)	WEB BASED LAWYER ASSISTANCE & MANAGEMENT SYSTEM
2227	JUMANA ABDULHUSAIN (16500644), EMAN ABDALISALEH (18500184), KHADIJA AHMED ALTURABI (17500077)	WEB BASED CUISINE MANAGEMENT SYSTEM FOR EFFICIENT RESOURCE UTILIZATION
2228	FATEMA HASAN MURAD (18500725), JALAL KHALID RASHID (18500312), MOHAMMED EBRAHIM ALZAYANI (15500256)	360 SYSTEM FOR UNIVERSITY OF TECHNOLOGY BAHRAIN
2229	AHMED HUSSAIN (18500300), ELIAS JAAFAR HASAN (18500264), GHANIM A. AZIZ (18500553)	ADVANCED CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM USING WEB BASED TECHNOLOGIES FOR TRAVEL AGENCY
2230	REEM ADNAN ALBUARKI (16500361), YOUSIF HASSAN ABDULLA (15500215), SAYED MUSTAFA ALAWI (16500429)	WEB BASED CHARITY AUTOMATION SYSTEM
2231	MARIAM EBRAHIM AL ZAYANI (17500593), HUSAIN FAHMI ALSAFFAR (16500671), SHAMAYEL EBRAHIM (17500270)	WEB BASED LIVESTOCK FARM MANAGEMENT SYSTEM
2218	HAITHAM ALI (16500781), MANSOOR JABER (17500283), YUSUF ALI DAHNEEM (17500718)	WEB BASED ROAD FAULT REPORTING AND MAINTENANCE APPLICATION
2219	BASHAR HUSSAIN KHALIL (18500044), FADHEL FAISAL ALSAEGH (17500295)	MARKETING ADVSOR FOR UTB
2220	QATRALNADA KHALIFA (17500802), WALAA KHALIFA (17500280), ALAA KHALIFA (17500281)	WEB BASED LABORATORY TESTING MANAGEMENT SYSTEM
2221	SAUD ABDULAZIZ ALALWAN (18500412), QASSIM ABDULZAHRAA (18500793), AHMED FAKHRAWI (17500495)	RESTUARANT GUIDE FOR BAHRAIN BASED APP
2222	AASEEM MOHAMED (18500073), MAHA ALGHAMDI (17500406)	DUKAAN: THE DROP SHIPPING APPLICATION FOR CASUAL GADGETS

2223	HASAN ALI HASAN (17500193), RABAB MOHD ALI (18500436)	PADEL RESERVATION SYSTEM
2224	SARA ALI RASHID (13500159), QASIM ALI HUSAIN YUSUF ALFAYAH (15501087)	ONLINE HOUSE RENTAL SYSTEM
2225	AYAA ALI NEMAH (16500608), ADNAN EHSAN (18500670), HAMAD JASIM BUCHEERY (17500646)	CUSTOMER SATISFACTION OF NQ'S COOKERY RESTAURANT
2226	REHAM ALHOORI (17500517), SHOOQ SALAH ALQATTAN (17500762), SALMAN SAYED (17500755)	WEB BASED LAWYER ASSISTANCE & MANAGEMENT SYSTEM
2227	JUMANA ABDULHUSAIN (16500644), EMAN ABDALISALEH (18500184), KHADIJA AHMED ALTURABI (17500077)	WEB BASED CUISINE MANAGEMENT SYSTEM FOR EFFICIENT RESOURCE UTILIZATION
2228	FATEMA HASAN MURAD (18500725), JALAL KHALID RASHID (18500312), MOHAMMED EBRAHIM ALZAYANI (15500256)	360 SYSTEM FOR UNIVERSITY OF TECHNOLOGY BAHRAIN
2229	AHMED HUSSAIN (18500300), ELIAS JAAFAR HASAN (18500264), GHANIM A. AZIZ (18500553)	ADVANCED CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM USING WEB BASED TECHNOLOGIES FOR TRAVEL AGENCY
2230	REEM ADNAN ALBUARKI (16500361), YOUSIF HASSAN ABDULLA (15500215), SAYED MUSTAFA ALAWI (16500429)	WEB BASED CHARITY AUTOMATION SYSTEM
2231	MARIAM EBRAHIM AL ZAYANI (17500593), HUSAIN FAHMI ALSAFFAR (16500671), SHAMAYEL EBRAHIM (17500270)	WEB BASED LIVESTOCK FARM MANAGEMENT SYSTEM

### Bachelor of Science in International Business List of Theses SY 2022-2023

Accession Number	Student Name	Thesis Title
2232	ALI ABDUL SHAHEED MUSLEM (18500454), MUHANNAD MAHER ALASFOOR (18500446), MOHAMMED ALI ABED (18500361)	RESOURCE MANAGEMENT SYSTEM FOR CONSTRUCTION BUSINESS

2233	FADHEL ALTOUQ (18500871), OMRAN ALI (18500372), MOHAMED AHMED (17500792)	DIGITAL PRINTING SYSTEM FOR PUBLISHING BOOKS
2234	ABDULLA JANAHI (18500755), MOHAMMED TALAL (18500186), MOHAMMED KHALID MURAD (16500138)	WEB BASED MEDICINE AVAILABILITY ASSISTANCE & NOTIFICATION SYSTEM
2235	SAYED MOHAMMED (19500116), ALI SAMER (19500256), HUSAIN MAHDI (19500526)	RECYCLING THE WASTE MANAGEMENT SYSTEM AND MAINTAIN THE SUSTAINABILITY OF ENVIRONMENT
2236	AMR ABDULRAHMAN SALEH (15500047), HARIS ABDULRASOOL (15501034)	IRON MARKET FOR HEALTHY SUPPLEMENTS
2237	MOHAMMD JAVED SULTAN (18500847), SAAD MOHAMMED JALIL (18500848), ASMA ABDUL WAHED (17500334)	PARKING SPACE AUTOMATION SYSTEM
2238	KAWTHER ALI HASSAN (18500765), HAWRA SALAH SALMAN (18500686), SARA KHALED HASSAN (18500772)	FLEXIBLE BUY
2239	NAEEMA YAQOOB (16500150), KHALIL EBRAHIM AHMED (18500824), ABBAS FADHEL ABBAS (19500082)	PHARMACY CUSTOMER SERVICE SYSTEM
2240	MOHAMED SAEED (18500248), SAJAD ADEL (17500282), FATIMA SAEED (18500246)	WEB BASED BAHRAIN AGRICULTURAL SUPPORT SYSTEM
2241	MALAK HUSSAIN RADHI (18500732), ALI HAIDER (18500295), NADA NASEER AWAD (19500471)	SPARE PARTS INVENTORY IN WORKSHOP MANAGEMENT SYSTEM
2242	WADEEAH YOUSIF EBRAHIM (19500400), ABDULAZIZ FAROOQ (17500651), KHALID ABDULLAH (18500094)	ONLINE STUDENTS REGISTRATION SYSTEM FOR UTB
2243	AMINA ABDULRAHMAN (18500038), FADHEL MOHAMED ALI ALARADI (18500657), NAWRA ABDULHADI (18500174)	ONLINE HOLIDAY PLANNER SYSTEM FOR FACULTIES OF UTB
2244	HAMAD MAHMOOD (17500305), MOHAMED ALMARZOOQ (17500616), YASMEEN FALMARZI	A DIGITALIZED SYSTEM FOR MANAGING THE SPECIAL CHILDREN EDUCATION

	(17500469)	
2245	HAMAD MOHAMED (175000476), ABDULRAHMAN ALI (17500007), EMAN MANSOOR ALI (19500840)	WEB BASED AIR TRAVELLER ASSISTANCE SYSTEM
2246	FAWZ ALI HABIB (19500271), HAMAD ABDULLA (18500568), MOHAMED ABDULHUSSAIN (18500565)	MINISTRY OF EDUCATION MANAGEMENT SYSTEM
2247	EMAN RAZZA NAZIR (18500291), SHOOQ MOHAMED ALTAMIMI (18500435), HUSAIN SAMI ALFARDAN (17500831)	WEB APPLICATION FOR DOCTOR PATIENT PORTAL FOR HOSPITAL
2248	MOHAMED NEZAR (16500261), TALAL SHARIF SALEH (16500294), HUSSAIN ALI ALHAWAJ (17500834)	CRYSTAL SHINE SHOP MANAGEMENT SYSTEM
2249	MADHAWI SAAD (18500364), OMAR SAAD (18500786), MARYAM ABDULLATIF (18500165)	WEDDING PLANNER MANAGEMENT SYSTEM
2250	FATIMA HASSAN (19500283), ZAHRAA RAMADHAN (18500651), KHATOON FAHAD (18500699)	DYNAMIC E COMMERCE WEBSITE FOR CLOTHNG COMPANY
2251	LAYLA JAFFER (18500289), FATIMA FADHEL (18500489), AHMED J.BARDOOLI (18500842)	THE SALON MANAGEMENT
2252	FAWAZ ABDULLA (18500166), ALWALEED TALAL JAMEEL (17500809)	HEALTH CLUB PLANS SUBSCRIPTIONS CRM
2253	MUJTABA SALMAN AHMED (18500691), AHMED MOHAMMED ALI (18500702), ABDULAZIZ HASSANAIN HASSAN (16500680)	ON DEMAND CAR RENTAL SERVICES
2254	AMMAR A JALIL AL HADDAD (19500245), ALI SAEED AHMED (19500591), BASEL MOHAMMED HAMADA (19500920)	THE COMPUTERIZED SYSTEM TO MANAGE THE HOME BUSINESS CAFÉ
2255	EBRAHIM ALMULLA (15500297), AMER KHAMIRI (15500405)	BAHRAIN PUBLIC TRANSPORT CONVENIENCE SYSTEM



2256	SAUD KHALIFA BAHAR (18500320), SADEQ AL SATRAWI, (18500433), MOHAMED AHMED (17500730)	GREEN BUILDING MANAGEMENT SYSTEM FOR THE SUSTAINABILITY OF GREEN ENVIRONMENT
2257	ABDULLA EBRAHIM (18500056), DANA BUCHEERI (17500726), HUSSAIN ALI FAIROOZ (17500013)	ISLAND SECURITY & CONTRACT MANAGEMENT SYSTEM
2258	SARA ALI JANAH (18500635), ABDULLA MAHDI ABDULLA (16500223), SAYED AHMED OSAMA (18500335)	UTB STUDENT MEDICAL MANAGEMENT SYSTEM
2259	ZAHRA ABDUL WAHAB (18500589) SARA ABDALI AHMED (18500252), ZAINAB MERZA (2050042)	E COMMERCE WEBSITE FOR CLOTHING COMPANY
2260	LAYLA NADER AHMED (18500420), GHAIADA ALI (17500410), YUSUF AHMED SHAMS (16500232)	THE DIGITALISED SYSTEM FOR FLIGHT OPERATION FOR PASSENGER
2261	ABBAS YUSUF ALSAEGH (18500153), JALAL ISA NAYEM (18500179), KHALED SAYED (18500492)	CLOUD COMPUTING MANAGEMENT SYSTEM IN AN ORGANIZATION
2262	AKRAM ALI MOHAMED (15500491), SAYED SALMAN MOHAMED (14500187), YOUSIF MOHAMED BADAL (15500038)	ONLINE MOVIE JOB RECRUITMENT
2263	AMINA ADEL SALMAN ALISA(20500537), MOHSEN MEQBEL ALMARZOOQ (18500569), ALI JABER HASAN KADHEM (18500407)	CUSTOMIZE ONLINE GROCERY ORDERING SYSTEM
2264	FATIMA MOHAMMED JUMA (17500135), FATIMA A.AMEER (18500314), SARA ISA ALI (19500298)	A WEB BASED PORTAL FOR CAPSTONE SCHOLARS AND SUPERVISORS
2265	AMINA SABT (19500595), BATOOL SHUBBER (18500350), MASOOMA JASIM (18500394)	ONLINE PRINT CENTER MANAGEMENT CENTER

2266	ABDULLA ALI HASSAN (19500073), MARYAM ABDULAZIZ (19500199), MARIAM ANWAR (19500689)	KIDS TALENT DISCOVERY MANAGEMENT SYSTEM
2267	ALI AHMED ALI (19500071), SALMAN ADEL HAJI (19500022), HUSSAIN ALI ABDULLAH (19500004)	DELIVERY MANAGEMENT FOR ONLINE FOOD SHOP
2268	MAHMOOD SALAH ALADINI (19500081), YOUSIF FAYEZ 919500103), MOHAMED ABDALRAHMAN (18500815)	ONLINE CAR CARE WEBSITE
2269	SAYED HAIDER MAHER (17500554), SARA ABDULRASOOL (16500056), MOHAMMED ABDULRASOOL (17500591)	PROJECT FIXED AND ON DEMAND CAR WASH
2270	MOHAMMED SHUKRY ABUHALIB (18500876), FATIMA MOHAMED ALMULLA (14500711), MONEER OMAR ABUZAID (14500279)	WEB BASED ELECTRONIC VACCINATION RECORDS SYSTEM
2271	HUSSAIN MOHAMED ALI (19500897), SAYED HASAN ALI (16500055) MUSTAFA HUSAIN KHAMIS (18500175)	GENTLE MEN ACCESSORY SHOP MANAGEMENT SYSTEM
2272	HABIB ISA AHMED ALSHAWASH (19500212), FAISAL ABDULLA DARRAJ (19500267), ALBOUSHI (18500814)	UNIVERSITY STUDY GROUPS MANAGEMENT SYSTEM
2273	MOHAMMED AHMED (19500231), HAYA HAMAD (19500046), BAHAA ALI (18500643)	AUTOMATED APPOINTMENT MANAGEMENT SYSTEM FOR UTB
2274	AMINA TURABI (19500624), HUSAIN ALI ALATTAR (19500321), SARA ABDUL SAJJAD (18500380)	ONLINE FASHION SHOP CRM
2275	AQEEL SALMAN AHMED (19500279), FATIMA FUAD (18500124), HUSSAIN ABDULSAMAD EBRAHIM HUBAIL (15500378)	ELECTRONIC PRINTING SERVICE MANAGEMENT FOR UTB UNIVERSITY

2276	HAWRA JAFFER ABDALI (18500455), BAYAN ABDUL HADI (18500287), SAYED HASHIM ALAWI (19500062), ALI HASAN EBRAHIM (18500279)	HEALTH CARE WITH E SERVICES MEDICAL SYSTEM
2277	ABDULLAH ALI NOMAN (18500032), MONA EBRAHIM (18500647), SAYED HAMZA AHMED (17500631)	SPORTS FACILITIES MANAGEMENT SYSTEM
2278	ALI JAAFAR MAHDI (19500366), MAHDI BASEM ALKHUNAIZI (18500791), ABRAR A.HASAN MOHAMMAD (18500808)	SHINY HOME: ON DEMAND CLEANING FOR A BRIGHT HOME
2279	WALAA HUSAIN (17500312), ABDULLA ALHARBI (17500824), FADAK ABBAS (18500649)	FASHION CUSTOMIZATION & TAILORING MANAGEMENT SYSTEM
2280	MOHAMMAD ALHAMMADI (19500747), MARYAM ABDULRAZAQ (19500806), ZAIN MOHAMMAD (18500777)	BAHRAIN SPORTS EVENT MANAGEMENT SYSTEM
2281	AMMAR JABER MERZA (19500839), HUSSAIN JAFFAR (19500460), MOAZ ABDELAAL (18500690)p	WEB BASED SYSTEM FOR BOOKING HEALTH SERVICES
2282	ALI HUSAIN ALMOSAWI (16500179), ALI HASAN ALI JAFFAR (16500135), SUKHLEEN KAINTH (19500655)	HOUSE 88 BILLIARD RESERVATION SYSTEM
2283	HAMAD MOHAMED IBRAHIM (17500652) FADHEL ABBAS (16500445) SALEM ISMAEEL (17500260) ALI ABDULREDHA(16500189) ABBAS HUSSAIN (19500602 ) MAHMOOD ALARADI (19500111)	TWICE NICE-SELING EXCHANGE AND RENTAL SOFTWARE
2284	SAYEED HAMEED ADNAN (19500402) SADIQ.ABDULHAQ MOHAMMED (19500486) FAWZI MAHMOOD MOHAMMED (18500836) ABDULRAHMAN KHALIFA SAUD (18500603) ABDULLA ISMAEEL ALSADOON (18500416)	FURNITURE CRAFTING AN ONLINE FURNITURE MARKETPLACE

	SAYED SHUBBAR FAHAD (19500599)	
2285	MUBARAK BINDAINA (19500429) LATIFA BINDAINA (19500428)	COMMON RISK FACTORS IN CRYPTOCURRENCY
2286	MARIA ALI RAJAB (18500313) DALAL KHALID (19500406) KAWTHER HABIB (19500144) MOHAMED KHALED (17500370)	CUSTOMIZED ABAYA SHOP MANAGEMENT SYSTEM
2287	MOHAMMED ALMUDHAHKHA (18500122) ELIAS JAFFAR ALI (17500161) AHMED HAMEED (18500152) AHMED ALI (19500083) FAHAD JALAL (19500066)	STREET REPAIRING INDICATION AND MAINTENANCE SYSTEM
2288	FADHEL ABBAS ISMAEEL(20500476) KARAM EBRAHIM (20500047) MOHAMED KHALIL ALQALLAF (18500818) ABDULRAHMAN ALMAHMOOD(19500604) MARWAN KHALID (18500654) HAMMAD ALI(19500237)	TRAVEL AGENCY PLATFORM
2289	BASHAYER AISH (20500382) FATIMA KHALIFA (20500578) AHMED MWFAQ (20500623) MOHAMED HUSSAIN (18500524) MAHDI RADHI (18500644) HAMAD SAAD (18500688)	ONLINE CAR ENQUIRING AND RESERVATION SYSTEM FOR RENT
2290	FATEMA ALTHAWADI (20500227) MALAK AHMED (18500457) FAJER YAQOOB (19500125) ALI ABDULLAH (16500529)	ONLINE AUCTION SYSTEM FOR ELECTRONIC ITEMS
2291	ALI MOHAMMED ALI HASSAN (19500838) MOHAMMED SADIQ ALSAEGH (18500101) SAYED HABIB ALAWI (18500222) ALI AHMED MOHAMED (19500504) SAYED MORTHADA AHMED (18500711) ALI SALMAN ABDULWAHAB (19500270)	THE INSURANCE SOUQ

2292	EMAN MOHSEN ALRAQRAQ (20500048) ALAA JASIM (19500942) MARYAM ABDULLA ISA (19500691)	DYNAMIC WEBSITE FOR UTB
2293	ABDULLAH M GASSIM (19500343)	CENTER OF EXCELLENCE-UTB CAPABILITIES HUB
2294	SAYED AHMED YOUNIS ALAWI (19500714) AMEER ALJAMRI (19500770) AYMAN KHALIL (18500196)	MACHINERY MAINTENANCE SYSTEM
2295	MOHSIN (18500324)	CUSTOM PC BUILDER
2296	AMIN AHMED ABDULLA (19500061) MARAM TAYSEER AZAYER (19500522) MARYAM YUSUF DESMAL (19500651) REEM SAMMI ALABBASI (19500473)	OUT2SPOT : A SMART CAR PARK RESERVATION SYSTEM
2297	YASSER ABDULHADI MAHDI HASAN ALSHABBAQ (18500593) MAHMOOD SALMAN ABDULLA HASAN SALMAN (19500380) MOHAMED JAMEEL ALI HABIB AHMED (18500353) ALI AHMED AMIN AKBAR (19500146)	AUTOMATED FAMILY BANK SYSTEM
2298	MAHA ABDULRAHMAN (17500807) SHATHA ALGHAMDI (19500483) AMNA MOHAMMED (18500311) MARAM YUSUF (17500849) EBRAHIM (17500339)	WEB-BASED NAIL SALON MANAGEMENT SYSTEM

### Bachelor of Science in International Business List

#### of Thesis SY 2023-2024

Accession Number	Student Name	Thesis Title
2207	FAHIMA ZAHIRUL HOQUE (19500625)	EVENTURE

2208	SALMA SAMI (19500730) AMNA JASSIM (19500734) BATOOL A.REDHA (19500686) YAQEEN MOHAMMED (18500480) MARIAM DHEYA (19500482)	MY TOTE MY WAY
2209	EMMANUEL DOMINIC PERADA (20500441) OSAMA YASIN MALIK (17500840) ALI AKBAR NAIROOZ (20500581) ABDULLA AHMED ISMAIL (19500609) RAFHAIL PRODEL CASTILLO (20500463) MUSAB MOHAMED MUSLIM (18500472)	BABY TREASURES
2210	MAHMOOD AHMED ALI (20500258) ABDULLA ALSAFFAR (19500286)	HAFEZ
2211	MUBASHIRA ASLAM KHAN (20500278) SAKSHI DHARAMKUMAR (20500288) MANAL ABDULLATIF MOHAMMED (20500501)	YOUTHFUL ABAYA
2212	MOHAMMED GHULOOM (18500025) HUSSAIN ZAINAL (19500158) ZAINAB HAIDER (19500056) BADER HASSAN (19500440) AHMED JAMAL (19500142)	FIX IT
2213	ASMA QAROOF (19500589) AMERAH ALSAFFAR (19500491) SARA ALYAQOOB (19500765) AMAL HUSSAIN (20500265)	ANTIQUE THRIFT HOUSE
2214	SAYED HASHEM SAMEER (19500788) ABDULRAHMAN ALSHAMLAN (19500739) HASSAN MOHAMMED (19500731) MOHAMMED ARIF (19500453) ABDULLA MOHAMMED (20500269)	MACCHINE E CAFÉ
2215	MOQDAD JASIM (20500333) NABA AHMED (19500919) HUSAIN ALI (19500582) MARYAM KHALID (19500695) OMAR ALI (20500629) MARYAM MOHAMED (19500772)	SMART SAVING FOR ACCOUNTING AND CONSULTING
2216	HUSAIN ABDULAMEER ALMUHARRAQI (20500351) ALI HUSSAIN ALI (20500245) FATIMA MOHSEN HASAN (20500535) MOHAMMED YOUNIS YOUSIF (20500563) KHADEEJA SAYED	DOO EVENTS MANAGEMENT

	HAIDER ADNAN (19500934) ZAINAB ALI MOHSEN (20500536)	
2217	HASSAN YOUSIF (20500082) ALI ABBAS (19500727) OSAMA FAEZ (19500018) AMMAR ALI (19500369) ELIAS SALMAN (20500179) HUSSAIN JASIM (19500047)	THE CUE CORNER
2218	(18500048) MOHAMED AHMED (19500961) QASIM SHAFEEQ (18500410) AMMAR ALAALI (19500721)	THE IMPACT OF EMPLOYEE MOTIVATION ON EMPLOYEE PERFORMANCE
2219	MARWA JALAL (20500348) MYLANE FERNANDEZ (19500886) HAMAD YASER (20500207) KALTHAM ALI (20500352) OMAR KUMAR (20500198)	ENGLISH FOR ALL (EFA)
2220	ALI HUSSAIN BUKHALAF (19500182) ALI ZUHAIR ALMUTAWA (20500338) NASER HAMAD (18500747) SAYED AHMED ALKHABAZ (19500616) DUHA MOHAMED MAKI (20500098)	HYDRATION INNOVATION : TRANSFORMING BEVERAGE MARKETING THROUGH FREE WATER BOTTLES WITH ADVERTISEMENTS
2221	ALI JAFFAR (19500626) AHMED ALI (19500401) AMMAR SAYED YASER (20500037) JASSIM MOHAMMED (18500813) MOHAMMED A.WAHAB (19500629)	RUBY JEWELRY
2222	KHADIJA ABDULLA ALI (18500459) JAFFAR MANSOOR AHMED (19500705) JANNAT SAYED HUSSAIN (19500263) AHMED DERBAS (19500830) AMAAN HANIF (20500605)	WE GO DEAL
2223	AHMED ABDULAMEER AHMED (19500553) AHMED MOHAMED AHMED (20500131) JASIM JAFFAR AHMED ABBAS (19500141) MOHAMED FAEQ ALI MOHAMED (20500089) MUNTADHER ALI HASAN ALI (20500432) ABDULLA AHMED ISA ALI (19500518)	QUICK RESCUE
2224	DHIEA ABDULAZIZ (19500418) TAHA ALHALWACHI (19500924) ABDULLA BADER (17500258) FATIMA SAYED MOHAMED (19500167) ABDULLA TALAL (17500760)	PAWS PISTRO



2225	MOHAMED HASAN AL ARAYEDH (19500506) ALI HASAN AL ARAYEDH (19500507) REZAUL SHAH ALAM (20500491) ALI JAFFER BAQER (18500870)	REACH
2226	AHMED ISA AHMED (18500792) ESRA MOHAMMED (19500508) FATIMA SAEED (16500466) ZAHRAA MOHAMMED (19500497) OMAR ABDULAZIZ ALSOWAILEM (19500232)	MY FIX HOME
2227	ZAINAB TALAL (19500033) FATIMA REDHA (19500091) MALAK ABDULHUSSAIN (20500286) DALAL FAISAL (18500621) NADA ABDULLA (18500850) ZAHRA SADEQ (19500887)	ASTROSKETCH
2228	WALEED TAHIR (19500087) ABDULLAH ALASFOOR (20500295) SEHAR AWAN (18500680) MOHAMED ALI (19500326) MAJED ALSAEGH (18500438)	AUTO PARTHUB
2229	AYMAN ABDULRIDHA ALAALI (19500842) BUDOOR ZUHAIR ABDULAMEER (19500543) MAHDI ABBAS MANSOOR ALSETRI (19500723) SAYED ISA MAJEED ISA ALI (19500210) MARYAM KHALIL HASAN BAKHSH (19500185)	BRIDGE TO A GRADE (BTAG)
2230	SALEEL ALI ABDULLA (19500255) MOHAMED KHALIL MURAD (19500474)	IMPACT OF WORK ENVIRONMENT ON EMPLOYEE PERFORMANCE
2231	ZAINAB NASER (21500349) TANZA MUGEER (20500195)	IMPACT OF HUMAN RESOURCE MANAGEMENT PRACTICES ON EMPLOYEE SATISFACTION
2232	FADHEL ABDULKARIM MASHAALLA (18500193) HASSAN NAJIM HAMEED ALKHAMIS (20500080) ALI HASAN ALI MOHD SALMAN (19500487)	THE EFFECT OF TEACHER ENGAGEMENT ON STUDENT PERFORMANCE
2233	HUSSAIN ABDUL SHAHEED (20500113)	CARCARE CONNECT

2234	ABDULLA MOHAMED MAKHLOOQ (19500951) DALAL ABDULLA BUHMAID (19500760) YUSUF AHMED HEBAIL (19500974) ABBAS JAFFAR (20500272) SARAH ADEL ABDULLAH (22500109) HAIDER ALI DARWISH (16500094)	COMFORT DREAMS
2235	IMAN SHAMS (20500280) SAMAAH SHAUKAT (20500088) SANIA AFTAB (20500380) SAFA KHADER (20500651) MARYAM AL GHARIBI (19500549) SAYD HASSAN (19500368)	MEMORIES UNBOXED
2236	DANA ALTAMIMI (20500219) MARIAM A.ALWAHID (20500218) ISMAIL JAMEEL (18500736) SAYED ADNAN (19500275) SARA ABDULWARITH (19500096) AHMEED ABDULLAH (18500770)	SELF SPRAY MACHINE

### Masters in Business Administration List of Thesis SY 2005-2006

Accession Number	Student Name	Thesis Title
3	Yousif Rashid Al Qooti	Key Factors in the Success of Event Marketing in the Kingdom of Bahrain
4	Abdulrahman Mohammed Ahmed Khalifa Al Ghatam	Job Satisfaction of Middle-Level Managers and Rank and File Employees at Gulf Petrochemical Industries Company: Implications to Human Resource Management
5	Mahmood Asad Mohammed Ali	Performance Appraisal System as Basis for Promotion and Rewards at the University of Bahrain
6	Nada Mohammd Al Sairafi	Competitiveness of Bahrain International Exhibition Center: An Analysis
7	Nader A.Rahim Mohammed	the Impact of SWOT Factors and WTO Agreement on the Competitiveness of Islamic Banks in the Kingdom of Bahrain
8	Jassim Mohammed Abdulla Al Adwani	Factors Affecting the Competitiveness of Insurance Companies in the State of Kuwait
9	Turki Mohammed Al-Ghamdi	Factors Associated with the Development of Small and Medium Enterprises in Saudi Arabia's Oil Industries: Basis for Improving

		Operational Effectiveness
11	Alexander V. Limjoco	Effective Sales Management Practices and Long-term Business Potential of Loyola Plans Consolidated Inc.: A Philippine- Based Pre-need Company in the Kingdom of Bahrain
12	Mohammed AliAbdel A'al	Marketing of Pharmaceutical Products to Private Health Care Centers in Dammam and Al Khobar Kingdom of Saudi Arabia
13	Nasima Mohamed Ali	Stress and Coping Mechanisms of the Professors in the University of Bahrain: Implications to Human Resource Management
14	Mohammed Jameel Helal	Application of Training Technologies in Small and Medium Enterprises in the Kingdom of Bahrain: Basis for Employment Integration of Bahrain Youth
16	Shaima Jameel Al-Sairafi	Benefits of Islamic Bank's Financial Instruments in the Kingdom
17	Neslihan Ersoy	Motivation of Private School Teachers in the Kingdom of Bahrain: Basis for Improved Faculty Motivation
19	Jassim Hassan Jassim Edhrabooth	Key Factors in the Success of Organizational Change at the Salmaniya Medical Complex, Kingdom of Bahrain
20	Alaa Yousif Al Hamad	Awareness of the Compliance with the Anti- Money Laundering and Combating the Financing of Terrorism Regulations in Bahrain's Capital Market
21	Kamil Ali A.Latif	Quality Assurance in Various Government Projects in the Kingdom of Bahrain: Basis for Enhancing Quality Assurance Management
22	Mohammed Abbas Karimi	Online Banking in the Kingdom of Bahrain: Basis for Improving Online Banking Information System
24	Muwaffaq Abdulla Jumaia Al-Ghamdi	Business to Business Process of Saudi Aramco's Materials Procurement: Basis for Improved Procurement Strategy
25	Mina Ardasheer Kohari	Customer Relationship Management at the Bank and Kuwait Basis for an Improved



		Strategic Customer Relationship Management
26	Hassan Al Salem	An Assessment in the Development of Vision, Mission, Objectives, Goals, and Strategies to Water Environmental Treatment Industrial Company in Dammam, Kingdom of Bahrain
28	Fatima Ahmed Al Binali	Assessment in the Application of Recruitment, Selection and Hiring Process in the Banking Sector of Bahrain: Basis for a Developed Strategic Recruitment Process
29	Waqar Asif Hamed	Food Products of Aftab Food Corp. in Dammam, Saudi Arabia: Basis for Enhancing Marketing Strategy
30	Ebrahim Ali Al A'ali	A Project Management Information Control System(PMICS) for a Small and Medium- Sized Construction Companies in the Kingdom of Bahrain: Basis for an Enhanced PMICS
31	AbdIHusain Yusuf Mohammed Ali	Building High Quality Contracts in Electricity Distribution Projects in the Kingdom of Bahrain as Basis for a Developed Strategic Contract Management
33	Mohammed Ahmed	E-Banking Technologies Adoption Among Commercial Bank Customers in the Kingdom of Bahrain
34	Jassim Mohammed Al Bastaki	Evaluation of Application of Electronic Banking Tools in the Kingdom of Bahrain as Perceived by Bank Personnel
37	Yousif Ahmed Al Motawah	Financial risk and risk Management strategies of selected Islamic Banks in the Kingdom of Bahrain: bases for improved risk management
38	Dana Ebrahim Al Hasan	Bank Executives' and employees' perceptions on the economics distributions of Bahrain's banking industry to the country's economy
39	Waleed Abdulhussain Abdulla	Building and sustaining competitive advantage in Bahrain Insurance Industry: Basis for improvement

40	Maryam Hamad Abdullah Al Khalifa	A Comparative study of service quality and customer satisfaction in Saudi Arabia's Islamic and Conventional banking industry
42	Majed Faleh Al Baiji	The effectiveness of Saudi Basic Industries Cooperation(SABIC) shared services engineering and project management (SSE & PM) system
43	Luma Yousif Al-Tamimi	Service Quality as a key factor of customer satisfaction in local commercial banks in the Kingdom of Bahrain
38	Dana Ebrahim Al Hasan	Bank Executives' and employees' perceptions on the economics distributions of Bahrain's banking industry to the country's economy
39	Waleed Abdulhussain Abdulla	Building and sustaining competitive advantage in Bahrain Insurance Industry: Basis for improvement
40	Maryam Hamad Abdullah Al Khalifa	A Comparative study of service quality and customer satisfaction in Saudi Arabia's Islamic and Conventional banking industry
42	Majed Faleh Al Baiji	The effectiveness of Saudi Basic Industries Cooperation(SABIC) shared services engineering and project management (SSE & PM) system
43	Luma Yousif Al-Tamimi	Service Quality as a key factor of customer satisfaction in local commercial banks in the Kingdom of Bahrain

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### List of Thesis SY 2024-2025

Accession Number	Student Name	Thesis Title
2239	AHMED ZUHAIR (18500767) ALI ABDULLA (19500310) FATIMA A.RAZZAQ (19500836) MOHAMMED MANSOOR (20500175) ZAINAB ALI ABDULLA (19500152) SHAIMA SALMAN (21500223)	ALFURSAN MOBILE TAILORING
2240	ABDULLA MOHAMED NASEERUDDIN (20500331) SHUJA AKRAM MUHAMMAD AKRAM (20500524) MOHAMED MUFTI MOHAMED EHZAZ (20500650) YUSEF MOHAMMED KHALIL (22500396)	CRAFTY CREATIONS
2241	MOHAMMED ISA ALHAMMADI (20500266) SARAH SALMAN (21500151) SAYED AHMED JAWAD (19500576) MURTADHA MOHAMMED (19500962) JASIM GHAZWAN (19500656)	WASH AND GO
2242	HAMAD MOHAMED (19500172) FATEMA FARZ ALGHAWAS (19500558) ZAHRA AQEEL YOUSIF (20500001)	MOBILE POTTERS WORKSHOP BAHRAIN
2243	ZAHRAA ABDUL HUSSAIN ALASFOOR (20500328) NOOR SULTAN ALBUTI (21500314) JASSIM MOHAMMED JAFFAR (19500194) ALI ALKARAR YOUNIS (19500766) ADNAN AHMED (18500098)	SPARKLE TOYS
2244	NABEELA JAMIL (19500757) KHULOOD OTHMAN (20500660) OSAMA IFTEKHAR (21500009) ZERYAB RAFIQ JARAL (19500301)	MAEDAD
2245	HUSSAIN ALI (21500187) YOUSIF SAAD (21500138) ALI ALKOOHEJI (21500422) MARYAM MAHMOOD (20500019) JASSIM ISMAEEL (21500208) TALAL ALSOWAIDI (20500509)	OPOTUNIDADES
2246	WALAA ABBAS (21500050) ZAIN ALKHOOR (21500067) ZAINAB KHALIL (21500062) AYSHA MANZOOR (20500163) MANSOOR AHMED (20500566) GIRIVASAN BOSE (21500155)	FINE ART

2247	HAMID NAJIM (20500031) NAWAL ABDULLATIF (17500530)	WEB-BASED AIR TRAVELLER MANAGEMENT SYSTEM
2248	HUSAIN YUSUF ALBASRI (18500308) SIRKUL ONJAN (18500462) SHEZA MOHAMED (20500322) SAEED ABDULLAH (19500303) ABDLURAHMAN AMEEN (19500469)	LETS RIDE
2249	AHMED HISHAM (21500046) JAFFER JASSIM (20500128) AHMED JAFFER (21500185) SAYED HUSSAIN HAMEED (21500206) HUSSAIN EBRAHIM (21500196) MOHAMMED EBRAHIM (20500040)	KURANGA TRADING
2250	EMAN ABDULLA HUBAIL (21500325) HUSSAIN ALI ASHOOR(21500433) ADAM SHAMLOOH (20500549) MARWA JAWAD AHMED ALSUMMIKH (18500451)	ECO RUBBER SOLUTIONS
2251	RITAJ YOUSIF BEN AYED (21500309) SALMAN ZUHAIR ALBAHRANI (19500070) ALY HOSSAM (20500002) MOHAMED AHMED SHAFIK (20500240)	PULSEAIR
2252	ABDULELAH ABDULLA (21500124) SADEQ ALKHAWAJA (21500125) EBRAHIM KHALIL (21500329) ABDULLA SULTAN (20500610)	DEVELOPING ECOBARRIERS BH COMPANY
2253	MARWA SHAWQI AHMED (19500857) HUSSAIN ALNASEK (19500115) YUSUF YAQOOB (19500708) ABDULLA ISA (20500708) HASSAN MOHAMED (17500251) WADEEA ABDULKARIM (19500592)	NOBLE HERITAGE STEP BACK IN TIME
2254	SAFA AHMED SAAD (21500045) FATIMA DAWOOD (21500306) ZAKIYA ABDUL GHANI HASAAN (21500264) NOOR YUSUF (20500253) SEDDIQA A.REDHA JAAFA (19500685) SAMAR MIRZA JASIM (20500601)	PLANT ROBOT
2255	MOHAMED EMADDIN (19500774) ALI HASAN (19500683) ABDULLA ABDULHALEEM (21500177) SULTAN HELAL (20500404) AHMED NABEEL (20500275) MAHMOOD MOHAMED (20500494) TAWFEK HAETHM (19500273)	AUTOPILL
2256	MOHAMMED SULAIMANI (20500022) MAHMOD FADHEL (20500107) MANAL IMRAN (17500696) ABDUL SALAM RIAZ (19500781) ALI HANI AL TAJER (22500217) ALI KHALIL (21500299)	AIRZEN AIR PURIFIER

2257	MOHAMED ALBINZAYED (14500162) KHALIFA MOHAMED (20500527) MALAK MAJED (21500042) SOMAYAH ABDULRAHMAN (18500232) ABDULLA DARRAJ (20500076)	FORSA EMPOWERING EDUCATION ENRICHING FUTURES
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44	Dalal Najeeb Hejres	Awareness of Captive Insurance and its perceived applicability to non-insurance organizations in the Kingdom of Bahrain
55	Sh.Wafa Abdulla Al Khalifa	Effectiveness of unified track curriculum in public secondary schools in the Kingdom of Bahrain
56	Elpidio R. Quitevis, CPA	Applicability of business plan for Filipino entrepreneurial operations in the Kingdom of Bahrain
57	Mohamed Abdulrahman Al-Ghatam	Customer expectation on service delivery provided by selected commercial banks in the Kingdom of Bahrain
58	Mohammed Saeed Saleh Sh. Hasan	The Management capability of information technology in Bahrain Telecommunication Company(Batelco)
69	Essam Mohammed Isa Jassim Ramadhan	The Implementation of the human resources development program of Gulf Industrial Investment Company
72	Zaki H. Al Musa	Acceptability assessment of the in-house printing facilities of Saudi Aramco
73	Essa Al Sukairi	Perceptions of managers and customers on the marketing mix of selected supermarkets in the Eastern Region of Saudi Arabia: basis for building customer loyalty
76	Zahra Jawad Ahmed	Credit Risk Management of Ahli United Bank in the Kingdom of Bahrain
78	Saleh M. Al Ghamdi	the Relationship of motivational factors and job satisfaction among selected Saudi Aramco employees
79	Manal Jaffar Hammad	The Management Competencies of primary school administrators in the Kingdom of Bahrain



80	Ameena M. Meamari	The Greening Management Programs of the Bahrain Petroleum Company (BAPCO) in the Kingdom of Bahrain
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85	Shatha Abdulla Abu Al Fath	Indain Airlines Human Resource Problem
86	Ismaeel Hayat Ismaeel Sadiq Ali	The Management Capability of School Administrators in the selected private University in the Kingdom of Bahrain
87	Zainab Ghalib	The Body Shop
88	Hamed Jaafar Al Arayedh	Telecom Argentina Help Desk System
89	Abdulla Mansoor	Leadership Training and Development at the British Boardcasting Corporation (BBC)
90	Ghada Beshara	The Fall of Daewoo Motors
91	Amal Ahmed A. Al Satrawi	Quality Management in Selected Construction Projects of Ahmed Mansoor Al A'ali in Kingdom of Bahrain
93	Tahani Al Wedaei	Credit Risk Control in selected conventional banks in the Kingdom of Bahrain
94	Ali Meerza Al Shaikh	The Automation strategy of productivity enhacement of Aluminuim of Bahrain(ALBA) in the Kingdom of Bahrain
95	Fatema Mohammed Buhumood	The Effectiveness of the project managers in the selected construction companies in the Kingdom of Bahrain
97	Mohammed Ibrahim Al Shikh Saddo	The Human Resource Management Policies and Practices of selected Hotels in Dubai
98	Rehab A. Sharif	Liquidty Status of Bahrain Islamic Bank in the Kingdom of Bahrain
99	Raed Madan Ali	Financial Management Practices of Bahrain Polytechnic University Input to in-house Policies and Procedures
100	Marilen Balce Ibayan	Assessment of the investment Banking Services of Dsiws Securities SMBC Europe Ltd. Bahrain Branch

101	Sarika Puri	Recruitment Practices of the Alhamer Trading Establishment in the Kindom of Bahrain
102	Samia Mirza	Training and Development Programme of Alhamer Trading Establishment in the Kingdom of Bahrain
103	Imane Sultan	A proposed Training and Development Program for Employees in Everest Trading and Service Company (ETSC) in the Kingdom of Bahrain
104	Deena Mohammed Ebrahim Al Kuwari	The Level of Preparedness of the Ministry of Education in the Kingdom of Bahrain in the Adoption of Human Resource Information System
105	Florina Noriel Afable	Telecommunication services and sales promotion strategies in building customer satisfaction of Batelco and Zain communications : A Basis Proposed strategic marketing plan

107	Zakia Juma Ali Mahmeed	The Effectiveness of Human Resource Management of the Ministry of Education in the Kingdom of Bahrain
108	Abdulla Nazzer Al Noaimi	The Relationship of Human Resources Initiatives for the Knowledge Management Policies of the Ministry of Interior
110	Ali Mansoor Al Yusuf	Doubletree Hotel in United States, Designing Customers Services Training Program
114	Imelda Milan	The E-marketing Strategies of Guld Air in the Kingdom of Bahrain and its effects of competitiveness on their Frequent Flyer Programme
115	Azra Shaheen Mukhtar	An Assessment of the Organization Operation of Al Sadiq Group of Companies Kingdom of Bahrain
116	Kamel Al Mosawi	Project Management Approach in the Mnistry of Works in the Kingdom of Bahrain
117	Moawya Ahmed Al Omari	The Level of Effectiveness of the Risk Management Practices in Janada Electronic Company in Kingdom of Bahrain
118	Chaudry Mohammad Abbas Iftikhar	Procurement System of Bahrain Alloys Manufacturing Company in the Kingdom of Bahrain

121	Qassim A.Kareem	Employee Retention Strategies of Financial Institutions in the Kingdom of Bahrain
122	A.Amer Saeed Ahmed A zaman	Customer Level of Satisfaction on Islamic Banks in the Kingdom of Bahrain
123	Maryam Yaqoob Yusuf Lori	Factors Affecting the Employee's Performance in the Ministry of Justic and Islamic Affairs in the Kingdom of Bahrain
124	Mohsen Al Asfoor	The Human Resource Management Practices of
		Jaffaria Waqf Directorate as Correlates to the Organizational Commitment
125	Esalyn Leona Altarejos	The Consumer Financing Model for Filipino Workers in the Kingdom of Bahrain
126	Fawzeya Ebrahim Shukralla	An Initial Assessment of Family Bank Bahrain's Operations
127	Ali Jaffar Mohamed Moosa	Managing Learning Process through Constructivism of Ministry of Education in the Kongdom of Bahrain
128	Nasreen A.Kareem	The Corporate Governance Disclosure Practices of Bahrain Stock Exchange in the Kingdom of Bahrain
129	Manal Abdulla Yaqoob	Leadership Styles of Women in the Bank of Bahrain and Kuwait in the Kingdom of Bahrain
130	Ghada Hameed Habib	Risk Management Processes at National Bank of Bahrain
132	Teresita A, Smith	Motivating Factors of Bahrain Maritme and Merchantile International Employees: Basis for Human Relations Development Plan
133	Ghada A.Karim Aman	The HRM Operations, Basis for the Application of Total Quality Management (TQM) in the Shura Council of the Kingdom of Bahrain
134	Rahna Karashi	The Effectiveness of Batelco's Products & Services in the Kingdom of Bahrain
135	Nehad Ali Ebrahim	Service Quality Performance at Labour Market Reglatory Authority in the Kingdom of Bahrain
136	Ebrahim Mohammed Al Mehza	Financing Practices of Islamic Banks in the Kingdom of Bahrain
137	Ameena Mohammed Ismaeel	Performance Appraisal System in American Express Middle East and North Africa in Bahrain Head Office

138	Younis Fawzi A. Rahim	E Banking Services at Ithmaar Bank in the Kingdom of Bahrain
139	Fatima Al Ameer	The Recruitment and Selection Practices in the Arab Insurance Group (ARIG), Kingdom of Bahrain
140	Yousef H. AbusITaneh	Marketing Development Plan of Intercare Company in the State of Qatar
141	Rose Barrera Yanson	The Training and DevelopmentT Program of the Ministry of Works in the Kingdom of Bahrain
142	Masooma S. Sharaf Alawi	Effectiveness off Knowledge management activities of YK Al Moayyed & sons in the Kingdom of Bahrain
143	Ahmed Abdulla Al Shaalan	Management Practices of the Water Transmission Projects in the Electricity and Water authority in the Kingdom of Bahrain
144	MAI JASIM ABDULLA ALSAADOON	THE MOTIVATIONAL STRATEGIES OF BATELCO : ITS IMPLICATIONS TO EMPLOYEES LOYALTY AND PERFORMANCE

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145	ABDULBASIT A.AM.ALI	CORPORATE FINANCIAL COMMUNICATIONS OF AL KHALEEY DEVELOPMENT COMPANY (TAMEER)/INOVEST BSC IN THE KINGDOM OF BAHRAIN

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151	MAYTHEM BADER ALOSTAD	THE CRISIS MANAGEMENT OF THE INFORMATION TECHNOLOGY DEPARTMENT OF THE KUWAIT PETROLEUM CORPORATION IN THE STATE OF KUWAIT
152	CETIN YURITASER	ANTI MONEY LAUNDERING REGULATIONS: THE AWARENESS OF KUWAIT TURK BAHRAIN BRANCH
153	MOHAMMED NAJEEB	THE IMPLICATIONS OF EMPLOYEESM TURNOVER ON THE ORGANIZATIONAL PERFORMANCE OF MERCURE GRAND HOTEL IN THE KINGDOMOF BAHRAIN
154	ALI ASHOOR ALI	THE ECONOMIC CONTRIBUTION OF SMALL & MEDIUM SCALE ENTREPRENEURS IN THE KINGDOM OF BAHRAIN
155	EBRAHIM ALI MOHAMMED DEYAB	IMPLEMENTATION OF JOB RISK ASSESSMENT IN BAHRAIN PETROLEUM COMPANY (BAPCO)

156	MOHAMMAD HASSAN ALKAABI	TOTAL PRODUCTIVE MAINTENANCE PRACTICES OF HEAVY EQUIPMENT VEHICLES AT AL REKEN ALFANNY CONSTRUCTION IN THE KINGDOM OF BAHRAIN
157	SHAIKHA KHALID AL MANNAI	EFFECTIVENESS OF PROJECT PORTFOLIO MANAGEMENT (PPM) IN CIVIL SERVICE BUREAU IN THE KINGDOM OF BAHRAIN
158	ABDULRAHMAN RASHID AL MUTAW'EH	INFORMATION AND COMMUNICATION TECHNOLOGY IN INTERNAL ORGANIZATIONAL COORDINATION IN BAHRAIN TV NETWORK
159	BUSHRA TAQI AL SAFFAR	TRAINING AND DEVELOPMENT FOR ALUWHEEL MANUFACTURING COMPANY TOWARDS EMPLOYEE PERFORMANCE PRODUCTIVITY
160	YASSER H. ABDULLA AL HADDAD	PROGRAM BUDGETING SYSTEM IN THE MINISTRY OF FOREIGN AFFAIRS IN THE KINGDOM OF BAHRAIN
161	AMANI YOUSIF MOHAMMED SAKHEER	QUALITY MANAGEMENT SYSTEM IN THE FORENSIC LABORATORY IN THE GENERAL DIRECTORATE OF FORENSIC SCIENCE EVIDENCE IN THE KINGDOM OF BAHRAIN
162	ALAA FOUAD AL-KHAYYAT	INFORMATION TECHNOLOGY CAPABILITIES

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163	ALI EBRAHIM JOHAR	EFFECTIVENESS OF BATELCO TRADE UNION IN THE KINGDOM OF BAHRAIN
164	ALI AL SAADON	IMPLEMENTATION OF PROJECT SECURITY INFORMATION POLICIES IN CIVIL AVIATION AFFAIRS IN THE KINGDOM OF BAHRAIN
166	AHMED ALANI	THE INFLUENCE OF CULTURAL VALUES TO THE KINGDOM OF BAHRAIN
167	LUBNA ABDULAZIZ ALANSARI (08600153)	THE BUSINESS REENGINEERING PROCESS IN THE SOCIAL INSURANCE ORGANIZATION IN THE KINGDOM OF BAHRAIN
168	AHMED YOUSIF AHMED TAQI (07600163)	EVALUATION OF MANAGEMENT CONTROL SYSTEM OF BAHRAIN INTERNATIONAL INVESTMENT PARK IN THE KINGDOM OF BAHRAIN
169	ZUHOOR ABDULHAMEED EBRAHIM	PROJECT QUALITY MANAGEMENT IN NASS CONTRACTING COMPANY IN THE KINGDOM OF BAHRAIN

170	EBRAHIM ABDULRAHMAN BUBSHAIT	REAL ESTATE MANAGEMENT OF SURVEY & LAND REGISTRATION BUREAU IN THE KINGDOM OF BAHRAIN
171	MARYAM A. JALIL AL.GHAWI	INFORMATION TECHNOLOGY OUTSOURCING FOR BANK OF BAHRAIN AND KUWAIT IN THE KINGDOM OF BAHRAIN
173	SALMAN AMEER SALMAN ALZARQAWI (08600077)	THE TRAINING PROGRAM OF THE MINISTRY OF INTERIOR IN THE KINGDOM OF BAHRAIN
174	AHMED EBRAHIM HEJI	THE REWARD SYSTEM IN THE CIVIL AVIATION AFFAIRS IN THE KINGDOM OF BAHRAIN
175	HASSAN JAWAD AHMED AL-FARDAN	PROBLEMS FACED BY SMALL AND MEDIUM ENTERPRISES IN THE KINGDOM OF BAHRAIN : BASIS FOR ENHANCING SME's SUSTAINABILITY
176	JABER SALEM ALSHATTI	ENTERPRISE RISK MANAGEMENT (ERM) PRACTICES IN KUWAIT FOREIGN PETROLEUM EXPLORATION CO. (KUFPEC) IN THE STATE OF KUWAIT
177	FAHAD ABDULLA AL AMERI	WORKFORCE DIVERSITY MANAGEMENT IN AL QAHTANI PIPE COATING INDUSTRIES KINGDOM OF SAUDI ARABIA

179	ISA ABDULLA AL-SHAMLAN	EFFECTS OF CAPITAL STRUCTURE ON THE FINANCIAL PERFORMANCE OF A.A. NASS COMPANY, KINGDOM OF BAHRAIN
180	MOHD A. WAHAB BUKAMAL	ISLAMIC BANK OF BRITAIN IN UNITED KINGDOM : CHANGLLENES AND OPPORTUNITIES
181	BADER MOHAMMED AQEEL	FINANCIAL RISK MANAGEMENT IN SELECTED BANKS IN THE KINGDOM OF BAHRAIN : A COMPARATIVE ASSESSMENT
182	EMAN HAMEED HABIB (07600154)	PERFORMANCE AND RISK MANAGEMENT PRACTICES OF BAHRAIN LOGISTICS ZONE IN THE KINGDOM OF BAHRAIN
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184	NADIA HASSAN JANAH	SALES FORCE EFFECTIVENESS OF BAHRAIN TELECOMMUNICATION COMPANY IN THE KINGDOM OF BAHRAIN

185	AISHA FAHAD JALAL	EMOTIONAL PROFESSIONAL INTELLIGENCE OF AIRPORT CUSTOMS AFFAIRS IN THE KINGDOM OF BAHRAIN
186	BATOOL FATHALLA AL MULLA (09600002)	THE AFTERMATH OF FINANCIAL CRISIS TO ITHMAAR BANK IN THE KINGDOM OF BAHRAIN
187	FATIMA A. ALALAWI (08600145)	EMOTIONAL PROFESSIONAL INTELLEGENCE OF LAND PORT CUSTOMS AFFAIRS IN THE KINGDOM OF BAHRAIN
188	EMAN MANSOOR ALSAMMAK (08600140)	TRAINING AND DEVELOPMENT PROGRAM OF EMPLOYEES IN TELECOMMUNICATION COMPANIES IN THE KINGDOM OF BAHRAIN
189	AFNAN A. HAMED ZAINAL 09600001	COMPETITIVE MARKETING STRATEGY OF BATELCO IN THE KINGDOM OF BAHRAIN
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191	LIESBETH ANN BORGERS	AN ASSESSMENT ON THE EQUINE LEADERSHIP TRAINING PROGRAM OF 3PK IN THE NETHERLANDS
192	MAY YOUSIF TAHAN	RECRUITMENT STANDARDS IN BAHRAIN AIRPORT COMPANY IN THE KINGDOM OF BAHRAIN
193	ABDULLA HASAN FOLATH 09600013	THE ORGANIZATIONAL CLIMATE OF BAHRAIN KUWAIT INSURANCE IN THE KINGDOM OF BAHRAIN
194	NOORA ALI BUBSHAIT	QUALITY OF ELECTRONIC SERVICES DELIVERY OF THE MINSITRY OF EDUCATION IN THE KINGDOM OF BAHRAIN
195	SAEED MURTADHA	THE IMPLEMENTATION OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT IN BATELCO IN THE KINGDOM OF BAHRAIN
196	FATEMA MAHMOOD SALEH 09600031	THE MOTIVATIONAL STRATEGIES OF THE NON TEACHING STAFF OF THE MINISTRY OF EDUCTION IN THE KINGDOM OF BAHRAIN
197	MOHAMED AHMED AL OMARI	THE COMMUNICATION MANAGEMENT PRACTICES IN JANADA ELECTRONICS COMPNAY IN THE KINGDOM OF BAHRAIN

198	AABED A HUSSAIN AL BAQQALI	THE IMPLEMENTATION OF QUALITY MANAGEMENT ON HUMAN RESOURCES MANAGEMENT IN BATELCO IN THE KINGDOM OF BAHRAIN
199	SHAIKHA ABDULLA ALZAYANI	IMPACT OF CALL CENTERS TO THE BANKING SERVICES IN SELECTED COMMERCIAL BANKS IN THE KINGDOM OF BAHRAIN
200	MARYAM A. ALALAWI 086000143	EMOTIONAL PROFESSIONAL INTELLIGENCE OF SEAPORT CUSTOMS AFFAIRS IN THE KINGDOM OF BAHRAIN
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204	NOOH ALI MOHAMMED ALASFOOR	E-GOVERNMENT SYSTEM IN THE KINGDOM OF BAHRAIN
205	YOUSIF AHMED ABDULLAH	THE IMPLEMENTATION OF STRATEGIC PLAN OF THE MINISTRY OF HEALTH IN THE KINGDOM OF BAHRAIN
206	HASAN J. ABDULLA	STRATEGIC MANAGEMENT PRACTICES OF JUMA ABD MOHAMED & SONS B.S.C. © IN THE KINGDOM OF BAHRAIN
207	MOHAMMED KHALID RAMADHAN	IT PROCESS IN THE FINANCE DEPARTMENT IN THE MINISTRY OF INTERIOR IN THE KINGDOM

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208	LEENA ALNATIE 08600017	THE IMPLEMENTATION OF CHANGE MANAGEMENT IN PUBLIC SCHOOLS IN THE KINGDOM OF BAHRAIN
209	MOHAMED EBRAHIM ALDOSERI	THE EXTENT OF UTILIZATION OF INFORMATION TECHNOLOGY FOR FINANCIAL AUDITING OF SELECTED GOVERNMENT FIRMS IN THE KINGDOM OF BAHRAIN
210	KHLAID AHIMD SALIM BASWAID	TOTAL QUALITY MANAGEMENT PROGRAM AT RASHID REAL ESTATE COMPANY SERVICES IN THE KINGDOM OF BAHRAIN

211	WALEED SALMAN AL MOATHEN	EVALUATION OF QUALITY ASSURANCE PRODUCTS LABORATORY IN BAHRAIN PETROLEUM COMPANY IN THE KINGDOM OF BAHRAIN
212	FAY GHAZI SIAIS	SERVICE QUALITY PERFORMANCE OF ZAIN COMPANY IN THE KINGDOM OF BAHRAIN
213	LAMYA ALNATIE 08600039	MANAGEMENT STYLES OF PUBLIC SECONDARY GIRLS SCHOOLS IN ISA TOWN IN THE KINGDOM OF BAHRAIN
214	DALAL ABDULAZIZ ABDULLA AL MOOSA	INVESTMENT DECISION MAKING PRACTICES OF FINANCIAL ANALYST OF AL KHALEJ
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216	IKHLAS AL MOSAWI 08600087	FACEBOOK AS A SOCIAL NETWORK MEDIUM OF SHUKRAN KINGDOM OF BAHRAIN
217	ABEER AHMED HUSSAIN AL AYYASH	MOTIVATIONAL PRACTICES OF SURVEY AND LAND REGISTRATION BUREAU IN THE KINGDOM OF BAHRAIN
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219	ASMA JALIL MAHMOOD 07600146	TRAINING PROGRAMS OF GARMCO IN THE KINGDOM OF BAHRAIN :ITS IMPLICATION TO SELF EFFICACY
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235	AMER ALKHALDI 08600048	ELECTRONIC CUSTOMER RELATIONSHIP MARKETING OF SELECTED BANKS IN SAUDI ARABIA
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243	HAMAD HELAL ALSAADON 09600151	PROJECT RISK MONITORING AND CONTROL OF INFORMATE COMPUTERS IN THE KINGDOM OF BAHRAIN
244	YAQOOB MOHAMMED ALI 09600152	IMPLEMENTATION OF AN INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) OF FIREMATE SAFETY AND SECURITY BAHRAIN
245	AHMED ALI AL REFAEI	THE ORACLE SYSTEM OF SOCIAL INSURANCE ORGANIZATION (SIO) IN THE KINGDOM OF BAHRAIN
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249	HAYAT ABDULLA AHMED SAIF	THE RISK MANAGEMENT PROCESS IN THE MINISTRY OF INTERIOR OF THE KINGDOM OF BAHRAIN
250	FATIMA MIRZA MOHD HUBAIL	THE TRAINING NEEDS FOR MATHEMATICS TEACHERS AT THE SELECTED INTERMEDIATE SCHOOLS IN THE KINGDOM OF BAHRAIN
251	AQEELA ABDULLA HASAN ZUWAYAD 09600076	E SERVICES OF TAKFUL INSURANCE COMPANY IN THE KINGDOM OF BAHRAIN
252	AHMED ABDUL NASER JANAH	MOTIVATIONAL STRATEGIES OF AIR TRAFFIC CONTROL SERVICES (ATS) IN THE KINGDOM OF BAHRAIN
253	HUSNA MAHDI RAYAN 09600067	ANTI MONEY LAUNDERING STRATEGIES OF ARAB IN THE KINGDOM OF BAHRAIN
254	ALYA MOOSA JASSIM 09600159	PERFORMING AND WORKING ENVIRONMENT OF PEOPLE WITH DISABILITIES (PWD) EMPLOYED IN SELECTED AGENCIES IN THE KINGDOM OF BAHRAIN
255	MANAL MUBARAK BUHAJI 09600088	THE KING'S HAMAD FUTURE SCHOOLS PROJECT IN THE KINGDOM OF BAHRAIN
256	ABDULAZIZ ABDULRIDHA ABDULAZIZ 09600033	SCRAP MANAGEMENT APPROACH IN JOUBAR ESTABLISHMENT IN THE KINGDOM OF BAHRAIN
257	ABEER AHMED AL HAIKI 09600008	LEADERSHIP COMPETENCIES OF BAHRAIN WOMEN AT YUSUF AHMED BIN AHMED KANOO BUSINESSES IN THE KINGDOM OF BAHRAIN
258	ABDULSATTAR ABULMADHI SAUD ALSHEHABI	EFFECTIVENESS OF QUALITY CONTROL SYSTEM IN COMSIP AL A'ALI IN THE KINGDOM OF BAHRAIN
259	ALI ALAWI ALQASSAB	CORPORATE BANKING IN HSBC IN THE KINGDOM OF BAHRAIN
260	ABDULAZIZ SOUD ABDULAZIZ ALBANNAI 08600132	THE FINANCIAL REPORTING PRACTICES OF KUWAIT FIRE SERVICES DEPARTMENT

261	HUDA EBRAHIM RADHI 09600047	PERFORMANCE APPRAISAL SYSTEM IN MIDDLE AREA MUNICIPALITY IN THE KINGDOM OF BAHRAIN
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263	JASSIM ALI JASSIM REFYA	CUSTOMER RELATION PRACTICE ADOPTED BY VIVA TELECOM IN THE KINGDOM OF BAHRAIN
264	MOHAMMED JASSIM AL MUTAWE'H 09600118	PROJECT SECURITY REVIEW PROCESS OF REDLINE COMPUTERS IN THE KINGDOM OF BAHRAIN
265	BASMA ABDULLA A.RAHMAN BUCHEERY 09600078	BANKING PREFERENCES OF CUSTOMERS IN THE KINGDOM OF BAHRAIN
266	AHMAD MOHAMMED AL ALI 09600117	THE PROJECT CONTROL SYSTEM OF DOWNTOWN CONSTRUCTION COMPANY IN THE KINGDOM OF BAHRAIN
267	ABDULLA EBRAHIM ABDULLA	I BANKING SERVICES AT STANDARD CHARTERED BANK IN THE KINGDOM OF BAHRAIN
268	HUDA SAYED HASAN ABDULLA 08600040	THE IMPLICATION OF THE TRAINING AND DEVELOPMENT PROGRAMS OF ALUMINUM BAHRAIN TO EMPLOYEES PERFORMANCE
269	AMMAR HASSAN AHMED	THE EMPLOYEES MOTIVATIONAL STRATEGIES OF ZAIN TELECOMMUNICATION COMPANY IN THE KINGDOM OF BAHRAIN
270	ABEER ABDULLA MOHAMED JAMAL 09600125	E RECRUITMENT SYSTEM IN THE MINISTRY OF INTERIOR IN THE KINGDOM OF BAHRAIN
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285	SHARIFA ISA AL GHURAIR	FINANCIAL MANAGEMENT PRACTICES OF THE GENERAL ORGANIZATION FOR YOUTH AND SPORT IN THE KINGDOM OF BAHRAIN
286	REEM KHALID MOHAMMED 08600157	ONLINE WOMEN'S BOUTIQUE IN THE KINGDOM OF BAHRAIN
287	NASSER AL TATTAN 10600023	CORPORATE INTERNET BANKING IN THE NATIONAL BANK OF BAHRAIN
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289	NADA EBRAHIM AHMED 10600033	VIOLATION SYSTEM OF RISK AND RESTRICTION DIRECTORATE IN KHLAIFA BIN SALMAN PORT, KINGDOM OF BAHRAIN
290	THAJBA LUQMAN BUALI 09600124	QUALITY OF THE NETWORK DESIGN FOR AL MOAYED COMPANY IN THE KINGDOM OF BAHRAIN



291	NOORA SHAHWWN SALMAN ALNOAIMI 09600139	EMPLOYEE DEVELOPMENT PRACTICES IN AWALLL GULF MANUFACTURING CO IN THE KINGDOM OF BAHRAIN
292	ABEDA AHMED MOHAMMED ALBLOOSHI 09600133	PERFORMANCE EVALUATION SYSEM OF THE GENERAL DIRECTORATE OF TRAFFIC AND LICENSING IN THE MINISTRY OF INTERIOR IN THE KINGDOM OF BAHRAIN
293	DALAL ABBAS HUJAIRI	JOB SATISFACTION IN THE MINISTRY OF MUNICIPALITIES IN THE KINGDOM OF BAHRAIN
294	MOHAMED BIN ABDULLA	WEB 2.0 UTILIZATION IN IT FLAVOR COMPANY IN THE KINGDOM OF BAHRAIN
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302	FATAIMA ABBAS KAYED	MORTGAGE FINANCING AT ESKAN BANK IN THE KINGDOM OF BAHRAIN
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305	ELHAM ALMULLA	MICROFINANCE CONTRIBUTION OF EBDAA BANK ON POVERTY ALLEVIATION IN THE KINGDOM OF BAHRAIN
306	HAMAD AL MOSALLAM 09600077	JOB STRESS AMONG BANK EMPLOYEES AT QATAR NATIONAL BANK

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312	ISA ALSADA 09600175	NUCLEAR POWER PLANT MANAGEMENT IN THE KIGDM OF BAHRAIN: BASIS OF PROPOSED RISK MANAGEMENT MODEL
313	AMNAH YASSIN AL HAWAJ 07600170	NETWORK OPERATIONS MANAGEMENT OF SAUDI ARAMCO IN THE KINGDOM OF SAUDI ARABIA
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317	HUSSAIN ABDULHAMEED ALI HAJI 10600055	RECRUITMENT STRATEGIES OF BATELCO IN THE KIGDM OF BAHRAIN: AN ASSESSMENT
318	NABEELA KHAMIS MADAN 10600067	WORK LIFE BALANCE PRACTICES IN SELECTED HEALTH CENTER IN THE KINGDOM
319	AMAL THABET AL MARZOOQ	MEDIA MARKETING IN SMALL AND MEDIUM BUSINESS ENTREPRENTEES IN THE KINGDOM OF BAHRAIN
320	JEHAN AHMED ABDULLA	OCCUPATIONAL SAFETY AND HEALTH PRACTICES IN BAHRAIN PETROLEUM COMPANY
321	MARYAM NASER AHMED AL NOIAIMI 09600119	GREEN MANAGEMENT IN BAHRAIN PETROLEUM COMPANY(BAPCO)
322	LEENA ABDULL KARIM ABD ALI SHABIB 09600155	EMPLOYEE PERFORMANCE ON CUSTOMERS SATISFACTION OF BAHRAIN KUWAIT INSURANCE COMPANY IN THE KINGDOM OF BAHRAIN

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326	MOHAMMED A.AZIZ AJAJ 10600144	BALANCE SCORECARD IN THE MINISTRY OF WORKS IN THE KINGDOM OF BAHRAIN
327	LULWA MOHAMED EBRAHIM RAMADHAN 10600096	EMPLOYEE ENGAGEMENT IN LEGAL & GENERAL GULF INSURANCE COMPANY IN THE KINGDOM OF BAHRAIN
328	MALIK FRAHAN AL SULIMAN 10600159	CONFLICT MANAGEMENT STRATEGIES OF BAHRAIN MARITIME AND MERCANTILE INTERNATIONAL COMPANY
329	NADIA SALEH AL RAQABI 09600137	JOB SATISFACTION OF MATH TEACHERS IN SELECTED SECONDARY GOVERNMENT SCHOOLS IN THE KINGSOM OF BAHRAIN
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341	MOHAMMED ADEL ALTHAWADI 09600136	RECRUITMENT STRATEGY AT ALBARAKA ISLAMIC BANK IN KINGDOM OF BAHRAIN
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347	NOOR MOHAMED BADER 10600052	REWARDS SYSTEM TOWARDS IT EMPLOYEES IN MINISTRY OFI INTERIOR KINGDOM OF BAHRAIN
348	QUMASHA MOHAMMED ALI	EMPLOYEE MOTIVATION PROGRAMS IN THE MINISTRY OF MUNICIPALITIES AFFAIRS, KINGDOM OF BAHRAIN
356	REEM ABBAS EBRAHIM ALI AHMED SULTAN 09600054	THE CONSTRUCTION SUCCESS FACTORS DEVELOPMENT PROJECTS IN THE KINGDOM OF BAHRAIN

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365	SAJEDA SAYED HASHEM JAAFAR 10600140	GREECE SOVEREIGN DEBT CRISIS

366	HALAS KARMA 09600168	THE IMPLIMETATION OF GREEN TECHNOLOGY AMONG THE SELECTED COMPANIES IN THE KINGDOM OF BAHRAIN
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370	MAHMOOD EBRAHIM HASAN YUSUF 10600107	STRATEGIC REWARDS SYSTEM OF THE BAHRAIN NATIONAL HOLDING IN THE KINGDOM OF BAHRAIN
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373	JEHAN MAKI ISA 09600069	TOTAL QUALITY MANAGEMENT IN THE MINISTRY OF HEALTH
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375	AHMED MASHALLE MOHAMED AAHEN 10600117	COMMERCIAL STRATEGIES OF BANK BAHRAIN AND KUWAIT IN THE KINGDOM OF BAHRAIN
376	NOOR MUSTAFA HUSSAIN ZMERLI 10600152	THE FINANCIAL PERFORMANCE OF ARABIA INSURANCE COMPANY THE KINGDOM OF BARHAIN
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387	FAHAD ABDULKARIM MOHAMED SALEH HUSAIN	PERFERENCE OF VOIP TECHNOLOGY OVER INTERNATIONAL CALLING CARD IN THE KINGDOM OF BAHRAIN
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# COLLEGE OF ADMINISTRATION AND FINANCIAL STUDIES (CAFS)

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- 2012
- 2013
- 2014
- 2015
- 2017
- 2018



Green Technology Receptiveness of Bahrain Petroleum Company  
in the Kingdom of Bahrain

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**Abstract**

The study examines the receptiveness of Bahrain Petroleum Company (BAPCO) to green technology applications, the level of involvement of the government, community, and customers in the monitoring of the effects of the company's operation on the environment, the level of responsiveness of the BAPCO's programs to environmental protection, and the implementation problems. Data gathering tools used are interview, questionnaires and documentary analysis. Respondents are supervisors, staffs and clients of BAPCO and the Electricity and Water Authority. Results showed that Bahrain Petroleum Company is receptive in terms of the application of technology and human resource, capital and policy support as evidenced by the awarding of ISO 14001:2004. The government is involved in the monitoring of the effects of the company's operation on the environment. However, the community and client are not involved due to low level of awareness and consciousness concerning the environment. The establishment of the Environmental Affairs Committee ensured the programs of BAPCO to be very responsive to environmental protection. The major problem the company is the very low community environmental awareness and consciousness and the low level of support from the government.

**Key Words:** green technology, receptiveness, level of involvement, responsiveness



Environmental Sustainability of the Implementation of Infrastructure Projects in the Kingdom of Bahrain: Attaining National Development Goals in the 21<sup>st</sup> Century

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**Abstract**

This study was an attempt to establish the relationship between the implementation of the infrastructure projects in the construction industry in the Kingdom of Bahrain and the attainment of the national development goal for environmental sustainability. Included in the study are 70 respondents, composed of managers and employees from selected construction companies in the Kingdom of Bahrain. Findings of the study indicate implementation of the variables of materials identification, supply chain management, infrastructure design and standards, operations approach on quality and efficiency, and government support and incentives in the construction industry in the Kingdom of Bahrain. The construction industry utilizes an infrastructure management approach based on expertise and innovation in the successful delivery of infrastructure projects in the Kingdom of Bahrain. General perception of the respondents reveal that implementation of the infrastructure projects are effective. Respondents have a general perception of high level sustainability on areas of supply chain management, and infrastructure design and standards. Overall mean denotes perceptions on the high level influence of the implementation of infrastructure projects in the Kingdom of Bahrain in terms of the variables under study, with environmental sustainability. Respondents believe that construction projects in the Kingdom are developed to create sustainable infrastructures that influence natural environment and the health of the people through efficiency in the use of natural resources, waste and pollution reduction and minimize the impact of environmental degradation. The result of the statistical treatment revealed that there is high positive significant relationship between operations approach on quality and efficiency with R-value equivalent to 0.916 at 0.029 significant level. It is therefore a significant factor that influenced on the attainment of national development goal for environmental sustainability in the Kingdom of Bahrain.

**Key words:** Environmental Sustainability, Implementation of Infrastructure Projects, Sustainability of Infrastructure Projects



**Employee Development Practices of the Telecommunications Industry  
in the Kingdom of Bahrain**

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**Abstract**

This paper presents the employee development practices of the Telecommunications Industry in the Kingdom of Bahrain. It describes the adequacy, effectiveness and implementation on induction, training needs assessment, training design, training implementation and training evaluation. The findings revealed that employee development practices of these companies are effective , implemented and adequate on induction , training implementation and evaluation but not in training needs and design . Using the Pearson Correlation on significant relationship on the adequacy, implementation and effectiveness resulted that there is significant relationship on training needs assessment and training design and the extent of implementation on induction and training implementation. The Analysis of Variance with the post hoc analysis showed that there are significant differences between and among BATELCO, ZAIN AND VIVA companies on the adequacy on training needs assessment, training design and training evaluation. Moreover, there is significant differences the implementation of employee development practices except on induction. Furthermore, it indicated that there is no significant differences on the effectiveness on induction and training implementation. The telecommunications companies should run a full evaluation process of their employee development practices that will lead them as best global talent developer.

**Key words:** Telecommunications Industries, employee development practices, telecommunications industry, induction, training needs , training design, training implementation and training evaluation



## Risk Management Amidst Economic Downturns of Bahrain Petroleum Company

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### Abstract

This study aims to assess the Risk Management of Bahrain Petroleum Company (BAPCO) that contributed to its economic growth and stability amidst business downturns. Respondents of the study were the top and middle managements of BAPCO who are directly involved in economic risk management functions. The study utilized the qualitative and quantitative methods of research. Focused group discussion, interview and survey questionnaire were the main instruments used in gathering data. Results of the study showed that the company's risk management process in terms of risk identification, risk evaluation, risk alleviation and risk avoidance are in place and are effective. Findings showed that there is a significant relationship between the status and level of effectiveness of the economic risk management strategies of BAPCO. The problems that confronted the implementation of the economic risk management strategies of the Company are shortage of skilled resources in risk function, overload of initiatives , and lack of control on asset risk. The respondents recommended that the company needs to hire more skilled resources in risk function, all initiatives need to be prioritized and coordination between department and cross functional areas is required, and raise the importance of open channel of communication is vital.

**Keywords:** Economic growth, economic stability, risk management



## Human Resource Acquisition Practices of Selected Companies in the Kingdom of Bahrain

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### Abstract

The purpose of this study was to assess the existing human resource acquisition practices of selected companies in the Kingdom of Bahrain in order to come up with a basis for development of a human resource acquisition program. It compared the extent of use of human resource acquisition tools and techniques such as, human resource planning, job analysis, human resource information system, job interview, employee testing, and background investigation. Frequency, percentage and mean were used for descriptive analysis, while one-way analysis of variance (ANOVA) was used to determine if significant difference existed between the extent of use of human resource acquisition tools and techniques among the selected companies categorized as small, medium, and large. The study revealed that the extent of use of human resource acquisition tools and techniques in human resource planning, job analysis, human resource information system, job interview, and employee testing was to a Great Extent, while the conduct of background investigation was to a Moderate Extent. No significant differences were noted in the extent of use of human resource acquisition tools and techniques when the selected companies were classified as large, medium, and small. It was concluded that the conduct of background investigation was not used as often as all the other human resource acquisition tools and techniques. One of the recommendations cited therefore was that companies should intensify the conduct of background investigation, being an equally-important tool in the selection process and which plays an integral part of the human resource acquisition program.

Key words: HR Acquisition, HR Planning, Job Analysis, HRIS

**Human Resource Management Practices In Relation To Organizational Commitment  
of Selected Islamic and Conventional Banks In The Kingdom of Bahrain**

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**Abstract**

This study determined the relationship of Human Resource Management Practices to Organizational Commitment as perceived by the employees of selected Islamic and conventional banks in the Kingdom of Bahrain. Determine if there is a significant difference between the level of commitment of Islamic and conventional banks. Based on the survey of the two selected banks, there was no significant relationship between Human Resource Practices and organizational commitment as perceived by their employees. This was actually in contrary to the previous researches which have identified significant relationship on HRM practices in relation to organizational commitment. Comparing the level of commitments of the employees of both banks also did not indicate a significant difference either. Based on other previous researches, it was concluded that culture plays an important role in how people respond to practices or concepts.

**Keywords:** Human Resource Management Practices, organizational commitment, Islamic banks, conventional banks

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**Stress Management Program at Bahrain Institute of Hospitality in the Kingdom of Bahrain: Its Impact on Employee Performance”**

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**Abstract**

The study aimed to understand the Stress Management Program at Bahrain Institute of Hospitality and Retail (BHIR) and its impact on employee performance. It sort to answer the relationship of stress management with employee performances, in terms of employee social and emotional competencies, safety and operational readiness, assistance program, transformative and supportive system. It also aimed to study the level of job performance in terms of productivity, organizational goals, multidimensionality, citizenship behaviors and motivation. The study used qualitative and quantitative researches. The statistical tool used was arithmetic mean and correlation. Data gathered from the questionnaires revealed that the null hypothesis was accepted meaning to say that there is no significant relationship between the status of stress management and level of job performance at BHIR. It was gathered that although the level of stress was not seen to be extremely high, yet exist and can be improved or even sometimes eliminated by enhancing the system. The Institute will have to improve the stress management system by improving communication among employees, motivating employees for more training outside their own campus, encouraging on self- development and rewards.

**Key Terms:** Stress, Stress Management, Job performance, Productivity; employee safety



## Global Financial Crisis in Banking Industry in the Kingdom of Bahrain

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### Abstract

The Global Financial Crisis has affected Kingdom of Bahrain mid of the year 2008, due to inter-transactions with America along with pegging Bahraini Dinar against American Dollar. Majority of the respondents strongly agreed on precautions after the Global Financial Crisis at National Bank of Bahrain in terms of: Liquidity Ratio, Adequate Capitalization, and Quality Assets are highly effective. There is a significant relationship between the status and the level of effectiveness in terms of: Liquidity Ratio and Quality Assets only. The most severe problems are the difficulty to comply with the frequent changes in rules and regulations set by the Central Bank of Bahrain as well as the stiff competition due to flight for quality from depositors who seek a safe haven for their funds. They strongly agreed on precautions after the Global Financial Crisis at Bahrain Islamic Bank are just effective with a significant relationship. The most severe problem is the difficulty to comply with the frequent changes in rules and regulations set by the Central Bank of Bahrain. There is a significant difference between the National Bank of Bahrain and the Bahrain Islamic Banks, due to the bank types which is either Conventional or Islamic.

Key Words: Liquidity Ratio, Adequate Capitalization, and Quality Assets.

# Financial Strategies in the Banking Industry in the Kingdom of Bahrain: Their Influence on Economic Growth and Development

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## Abstract

The aim of this study is to assess the level of performance and effectiveness in the banking industry in the kingdom of Bahrain by collecting data about the general profile of different banks, level of performance of financial strategies, their effectiveness and problems encountered in implementation of financial strategies by using the descriptive statistical method. The research investigates to what extent the industrial development, enterprise development; human capital development and bank interest rates have contributed to the current and extensive success of banking industry in the kingdom of Bahrain and to the economic growth and development of the country. The research mainly aims to contribute to all citizens to benefit from the growth and development of banking sector in the country. Main targets for this study was the bank managers and employees. There is a highly significant relationship is observed between the implementation of enterprise development and the effectiveness of human capital development and bank interest rates. Many solutions and recommendations were proposed by the respondents in solving some of the problems encountered by banking industry. Some respondents suggested that CBB's guidance and monitoring should be there, create competitive environment, and senior management's should have active involvement

**Key words:** Banks, Economic growth, Economic development, Industrial development, Enterprise development, Human capital development, financial strategies

# Marketing Communication Plans of Major Telecommunication Service Providers in the Kingdom of Bahrain

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## Abstract

This study assessed the marketing communication plans of the major telecommunication service providers in the Kingdom of Bahrain, and to deliver a framework which is the SOSTAC (Situational Analysis, Objectives, Strategies, Tactics, Action and Control) in telecommunication, and throughout the communication industry. This study determined the status and the level of effectiveness of marketing communication plans of major telecommunication service providers in terms of situational analysis, objectives, strategies and control. Descriptive and exploratory approaches were used in this research. In order to collect primary data, a self-completed questionnaire was designed and distributed to the middle management and supervisory level in the three telecommunication service providers in the Kingdom of Bahrain, namely Batelco, Viva and Zain. For descriptive statistics, frequency and mean were used. For inferential statistics, t-test and ANOVA were utilized and were processed through the SPSS. The findings showed that overall assessment of the respondents in the status of marketing communication plans of major telecommunication service providers in terms of Situational Analysis resulted to an overall weighted mean of 3.53 which mean "Agree; Objectives 3.56 mean "Agree"; Strategy 3.61 mean"3.61"; Control 3.56 mean"3.56". Situational analysis is perceived to be effective, objectives, with a mean of 3.57 is effective, strategies are moderately effective, and control is perceived as effective with a mean value of 3.66. The three telecommunication service providers generally assessed their status and level of effectiveness positively. Based on the findings it is recommended that service providers should carefully prepare their strategic plans in maintaining customer's loyalty and providing them the optimal quality of service. Second, the said telecommunication service providers conduct workshops and trainings to enhance customer experiences and high quality of delivery.

Keywords: Situational Analysis, Objectives, Tactics, Action and Control

## Financial Sustainability of Micro Cottage Industry: The Bahrain Perspective

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### Abstract

The study assessed the financial sustainability of micro cottage industry in the Kingdom. Descriptive design was employed with 126 registered artisans as total respondents. Questionnaire, interview method and secondary data were analyzed using frequency, percentile, ranking method and the average mean. Micro Cottage Industry in the Kingdom is diverse but majority are into arts/craft/metal/glass, wood products and potteries and mostly are 15 years in business. Evidently there is ease of entry, artisans are conservative in terms of borrowings, lack knowledge of capital requirement to maintain, source of capital is available, limited financial support and poor location of display centers are the problems besetting the industry. Therefore the government, private agencies and the artisans should strengthen their collaborative efforts, provide suitable and effective financial scheme, improve the attitude, audacity and essence of the owners, a feedback mechanism must be installed, establish a purchasing office to improve product turnover and attract internal investors to finance production on a larger scale were the recommendations made.

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## Employees' Socioeconomic Background at Creditmax Company in the Kingdom of Bahrain: It's Influence on Job Performance

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### Abstract

As part the growing attention accorded to the development of socioeconomics in the kingdom of Bahrain, their impact and growth is yet to be felt in the society. As part of the research strategy, extensive literature review was carried out to provide in-depth insight into the subject matter as well as the background of information for discussion of findings from the study. Using quantitative methods, the data from the field work were analyzed. This study concluded that the socioeconomic problems as well as access to regulatory and economics of scale issues are the most critical factors, which inhibit the employees' socioeconomic from effectively maximizing their contributions to economic development in the kingdom of Bahrain. Based on these findings, pertinent recommendations were made which include, they should follow the current procedures of the company properly, and they always coordinate with the top management in order to solve any encountered problems on time.

**Key words:** Socioeconomics, Education, Occupation, Income, Material Possesses and Mean of Transportation

**E- Learning Systems in Selected Universities in the Kingdom of Bahrain:  
Core for Utilization Enhancement**

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**Abstract**

Electronic learning now a day has been the trend to cope with the fast changing technology. The most significant feature of online web-based learning for those seeking to promote more learner autonomy is its capacity to take learners beyond the provision of their teachers and to engage with a greater variety of materials, learners, experts, support tools and fields observed that Web-based leaning offers a chance for students to enter into dialogues about authentic problems, collaborate with peers, negotiate meaning, become apprenticed into their field of study. They can enter the community of experts and peers and assisted in the learning process. On this particular endeavor, the researcher chooses to assess the perception of the students in e learning in two leading universities in the Kingdom of Bahrain. It is on this light that the researcher would like to determine the perception of the students on this electronic learning system given to them. Along with the problems encountered by the users in using these facilities to come with recommendations that would improve the electronic learning system use to make it cost effective and efficient and maximize its utilization.

**Key words:** electronic learning system, computer usage, online learning

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**Corporate Social Responsibility of Bahrain Petroleum Company**

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**Abstract**

This research is about the implementation of corporate social responsibility of Bahrain Petroleum Company. The practice of this concept in this company has gone beyond earning a profit and reaching out to the communities. It goes beyond making sure that all the responsibilities namely economic, legal, ethical, and philanthropic responsibilities are performed. In view of accomplishing the values, Bapco has been involved in different programmes with regard to the practice of concept. This is evident by the findings made in this study wherein all the respondents who are the stakeholders agree on the status of its implementation in terms of all the indicators. The practice was also assessed in terms of its level of effectiveness wherein the stakeholders which include the employees, communities, and government agencies rated it as effective. However, based on the interviews conducted there are also problems encountered in the implementation of CSR. Respondents found out that there are limits in the ability to compete in a global marketplace. This

was realized since BAPCO is the only oil company in the Kingdom and competition does not exist. The researcher recommended maintaining the current practice of corporate social responsibility in the company; providing additional manpower support for effective implementation of the practice; adopting social audit for the evaluation and practice of Corporate Social Responsibility. And those courses on corporate social responsibility should be enhanced in the business curriculum.

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## Marketing Media Campaigns among Retailers In The Kingdom of Bahrain

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### Abstract

This study intended to assess the status and effectiveness marketing media campaigns of selected retail stores. It has focused on brand awareness, customer service, market acquisition, and demand identification and information accessibility. Results show that the marketing media campaigns done by the retailers are effective. Also, the respondents agreed on the marketing tools utilized by the retailers. Moreover, the findings showed that there is no significant differences in the perceptions of the respondents on the effectiveness of marketing media campaigns as analyzed in the t-test. It is recommended that the retailers should make a further evaluation on their marketing media campaigns specially their social media marketing. This will pave a way for better market share and sustainability.

**Key Words:** brand awareness, customer service, market acquisition, demand identification and information accessibility.

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## Management Decision Making Techniques in Selected Universities in the Kingdom of Bahrain

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### Abstract

The purpose of this survey was to explore the decision making practices in administrative and faculty members in selected universities. Selected respondents include three universities selected through stratified sampling techniques. The respondents, administrative members and faculty members were selected. The questionnaire prepared on five point scale was used for data collection. Data was tabulated and analysed by using correlation. The survey results revealed that overall decision-making practices in the universities were found unsatisfactory and, most of the decisions were made without

application of management decision-making techniques. The important issue is the need for more involvement of administrators and faculty employees in decision making to anticipate and prevent quality problems.

Key words: Decision making, Financial planning, Market Expansion, Quality Management, Human Resource Management.

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### **Customer Preference of Batelco and Zain in the Kingdom of Bahrain**

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#### **Abstract**

Preference is defined as the power or ability to choose one thing over another with the anticipation that the choice will result in greater satisfaction, greater capability or improved performance. The high penetration levels of mobile, internet and landline services made Bahrain an ideal spot for us to conduct our study. We surveyed 100 respondents from varied backgrounds and asked them to rate the operators on the basis of certain criteria and to express their levels of satisfaction towards it. The research methodology is quantitative in nature and the data collected is on the basis of an in-depth investigation. We are dependent on questionnaires as a source of our data. Their responses were analyzed and certain conclusions arrived at using Weighted mean scores, Percentages, Standard Deviation and Correlation. Telecommunication product and services, service quality, pricing strategies, customer relationship and peripheral devices are used to study the customer preference towards the telecom providers Batelco and Zain. The price seems to be the most deciding factor in the selection of a service. The respondents of both the companies seem extremely satisfied with some of the services provided and are very loyal to the brand. Majority of Batelco respondents faced more problems than Zain.

Key words: customer preference, customer satisfaction, service quality, customer relationship

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### **New Labour Market Policies of Labour Market Regulatory Authority (LMRA) In the Kingdom of Bahrain on Employer Organizations' Performance**

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#### **Abstract**

This study aimed at finding out the impact of the implementation of LMRA (LABOUR MARKET REGULATORY AUTHORITY) in bringing down labour reforms. Out of the total working population of

the kingdom, most of the jobs are occupied by the expatriate population. Also the journals, magazines, and web sites were referred as secondary source of data. Arithmetic mean and t-tests were used to analyze the data. The results of the study showed that there is no significant difference in the variables. It is recommended that the government should focus on human capital development in order to make the local population as the choice of employee for the private sector firms and to compete in the market and achieve the economic goals.

Key Words: Labor market reforms, Bahrainization, manpower cost, local and expatriate employment

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## Structural Transformation through E-Business In The Manufacturing Industry in the Kingdom of Bahrain: Impact on Organizational Productivity

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### Abstract

The purpose of this research study was to assess the structural transformation of manufacturing companies through e-business in the kingdom of Bahrain in terms of organizational productivity in order to improve the functionality of the manufacturing companies in the kingdom. The frequency, percentage and mean of the key terms were used for descriptive analysis. Sufficient care has been taken to validate the data collected from the secondary sources. A principal finding is that the structural transformation for the manufacturing companies is essential. So that they may elaborate their business internationally, but the scope and heights are dependent upon internal and external elements, including corresponding structural resources of the firm and its trading partners, as well as the competitive environment. The findings of the study confirm that the key terms drive the business internationally when the real business structure is transformed into online business which improves the manufacturing industry standard. The recommendation is that the companies may collaborate with developed countries expertise to invest to build the infrastructure in the manufacturing Industry.

**Keywords:** Virtual Information Infrastructure, Supply Chain Management, Operational Functions, Structural Reorganization, Global Competitiveness.

**Responsiveness of Bahrain Petroleum Company's Operations To  
Green Technology in The Kingdom of Bahrain**

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**Abstract**

This research is about the responsiveness of Bahrain Petroleum Company (BAPCO) to green technology. BAPCO's operations particularly exploration and development and refining are involving processes that damage the environment. While the company produces products that are useful to society, it is the company's social responsibility to ensure that it minimizes the environmental hazards its operations produce through the application of green technology. BAPCO's awards and accreditations proved that it has aggressive efforts to ensure ecological preservation. The three groups of respondents are confident that BAPCO's support to green technology are evident from technology acquisition, budget allocation, human resources development and policies. In terms of the level of effectiveness of the company's actions, the company is effective. However, the involvement of different sectors in terms of monitoring the company's activities should still be strengthened.

**Keywords:** Green Technology, Environmental Hazards, Global Climate Change, Environmental Degradation

**Renewable Energy: The Future Option for Bahrain**

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## Abstract

The importance of renewable energy is slowly increasing in the Kingdom of Bahrain where fossil fuel is the main source of energy. As sunshine is abundant and has a better harvesting potential, a pilot project has started in Awali Township and Bahrain University with collaboration of BAPCO, EWA, NOGA and Petro Solar, a US firm who are renowned for their Smart Solar Technologies. The paper aimed to investigate the status of the solar project and the level of importance of the benefits to be obtained from this alternative energy resource. Descriptive Study Method fulfilled the research .The findings of the study presented that Generation of electricity is the most important benefit for the community of Bahrain. Next is the production of clean energy, as it will help in the development of a sustainable ecosystem. Lastly, preservation of Public Health, as there will be massive reduction in the number of workdays lost and fall in mortality rate. The most important problem was the low level of awareness on the benefits to be obtained among the community. It was recommended that educational institutions and media should promote the benefits of green energy. Further, legislations need to be formulated immediately to meet its 2030 Economic Vision of Bahrain.

**Keywords:** Renewable Energy, Solar Energy, Smart Solar Technology, Green Energy, Generation of Electricity, Production of Clean Energy, Preservation of Public Health.

**The Accrual Accounting System in the Retail Industry  
in the Kingdom of Bahrain**

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**Abstract**

The aim of this study was to determine the effectiveness of the accrual accounting system as a tool in recording the financial statements of retail industries in the Kingdom of Bahrain. Findings of the study showed that: a.) All of the companies covered in the study adopted and implemented the accrual accounting system in the conduct of their day to day business activities. b.) Unpaid expenses incurred and accrued income on the unbilled clients on were not properly monitored which redound to the understate of the companies' profitability and asset valuations. The study assessed the status and the level of effectiveness in the implementation of accrual accounting system in the retail industry in terms of usage, budget preparation, financial information, control system and performance budgeting. In addition, this study sought to answer the queries if there is a significant difference in the perceptions of the respondents; it's differences; the problems encountered; and their recommendations that can be proposed to enhance the implementation of accrual accounting system. Survey questionnaires were administered to respondents comprised: staff (27) and managers (18) were selected following the total enumeration of respondents due to refusal of some retail owners to participate in the study due to security reasons. Secondary data were collected from records and publications made by the companies. In the whole, eight (8) retail companies were covered all of which are located in the Kingdom of Bahrain.

Based on the findings of the study three priorities emerged that form the basis of the following recommendations. The companies must employ one personnel who will strictly monitor and review unrecorded expenses incurred and revenues earned for bigger retail firm. Accounting staff must be equipped with the necessary trainings/seminars on the areas of development such as knowledge and skills for them to carry out their respective responsibilities effectively and efficiently. Updating of the system regularly to ensure effective recording of expenses and revenues and expenditures.

**Key Words:** Accrual Accounting System, Usage, Budget Preparation, Financial Information, Control System, Performance Budgeting

## Marketing Sustainability of Productive Families Homemade Products in the Kingdom

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### Abstract

This study attempted to determine the profile of productive families in the Kingdom of Bahrain, status and level of marketing sustainability of productive homemade products in terms of product characteristics, price competitiveness, promotional strategies and sales and distribution technique. The descriptive approach of research was used to obtain information concerning the marketing sustainability of Productive Families Homemade Products in the Kingdom of Bahrain as a unit of analysis and subject of investigation. The quantitative method of research was employed in this research study. Since the population is too small, 126 artisans officially registered with the Bahraini Productive Families, the total enumeration was used. Because the study is qualitative in nature, purposive sampling was used wherein the researcher handpicks subjects to participate in the study based on identified variables under consideration.

Keywords: Sustainability, Families Homemade Products, Marketing

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## Quality Management Program of Selected Construction Companies in the Kingdom of Bahrain

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### Abstract

Total quality management views an organization as a collection of processes. These organizations continuously improve these processes by incorporating the knowledge and experiences of workers. Activities are typically divided into function areas, which are performed by different disciplines (Architect, Engineer and constructor). The quality and performance are improved to meet the customers' expectation. The quality measures used include managing quality design and development, quality control and maintenance, quality improvement and quality assurance. The three construction companies generally assessed their status and level of effectiveness positively. Based on the findings, this study recommended that quality management program be continued, staff development program should focus on sustaining commitment to the job, and the organization should be improved and policies be implemented by the respective Human Resource Department of the different construction companies. The culture of participatory management should also be institutionalized in the venue of this research for the employees to fully comprehend and appreciate the efforts exerted by top management in conceptualizing, improving and implementing quality management programs.

Keywords: Quality Control, Quality Assurance, Quality Improvement

## The Influence of Macroeconomics in Selected Small and Medium Enterprises in the Kingdom of Bahrain

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### Abstract

This study investigates the influence of macroeconomic among small and medium enterprises in the Kingdom of Bahrain. This study used the descriptive method of research. By means of quantitative method, the information were gathered and analyzed. Findings showed that the macroeconomic variables greatly influenced the small and medium scale enterprises. This will determine the long- term sustainability of the business enterprises in the country. The employees were responsible for the result of their performance achievement to ensure awareness in terms of macroeconomics aspects in its relation to SMEs enterprises. This study concluded that a number of infrastructure problems as well as access to financing, regulatory and judicial issues are the most critical factors which inhibit the SMEs from effectively maximizing their contributions to the economic development in the Kingdom of Bahrain. Based on the result, significant recommendations were completed which embrace the magnitude of getting the economy of scale and synergy to a complex aid of orderliness.

Keywords: Rate of growth, Price levels, Gross domestic products, Consumption and saving, Macroeconomics.

**The Internal Control System at Esterad Investment Company in  
the Kingdom of Bahrain**

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**Abstract**

This study assessed the internal control which is a procedure affected by an organization's structure, people and management information systems, designed to help the organization achieve specific goals. The results of the study showed that the respondents just agreed on the current status of the internal control system in terms of Segregation of Duties, Authorization of Transactions and Physical Control over Assets. Majority of the respondents showed that the internal control system in terms of Segregation of Duties, Authorization of Transactions and Physical Control over Assets are mere effective. There is a significant relationship between the status and the level of effectiveness of the internal control system in terms of Segregation of Duties, Authorization of Transactions and Physical Control over Assets. However, the most severe problem encountered was the time lags between approval and processing provide opportunities for altered documents and potential fraud. It also offered some recommendations: Firstly, the management has to shorten the time between the approval and the processing to mitigate the chance of potential fraud. Secondly, it should stick to segregation of duties even if it may be addressed as redundancy or subject to abuse. Thirdly, it should also stick to the physical inventory count even if it does not safeguard the inventory from theft or loss. Finally, it has also to increase the level of effectiveness of the internal control system to safeguard assets and to mitigate fraud.

**Keywords:** Internal Control System, Segregation of Duties, Authorization of Transactions, Physical Control over Assets.

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**Organizational Work Stress Management in Sacred Heart School:  
Kingdom of Bahrain**

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**Abstract**

This research is about the implementation of organizational work stress management among secondary teachers in Sacred Heart School, Kingdom of Bahrain. This is more observed nowadays because most organizations experience changes due to globalization. Business life has become a continuous race against time and technology. These situations create tensions among workers which lead to dissatisfaction and frustration and eventually manifests itself as a physical, psychological, and behavioral stress. Stress, if not diagnosed or managed properly, can affect the operation of the

organization as a whole. In view of avoiding such situation, Sacred Heart School has been observing the concept of work stress management. This is evidenced by the findings made in this study wherein all the respondents agreed on the status of its implementation in terms of varied indicators. The concept was also assessed in terms of its level of effectiveness wherein the teachers rated its effectiveness. However, there were also problems encountered in the implementation of organizational work stress management. Respondents realized that the management has limited concern on faculty development. This is a need for the teachers to be more motivated to work, despite the workloads expected of them as academicians. The researcher recommended that organizational work stress management be maintained in the school; engage the faculty to trainings and seminars towards self development; establish good communication between the administration and teachers; be aware on the effects of stress particularly on the productivity among teachers, and improve or maintain the current implementation of organizational stress management in the school.

Keywords: Stress management, Environmental factors, Organizational factors, Personal factors

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### Employee Retention Practices of Multinational Companies

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#### Abstract

The purpose of this study was to assess the existing employee retention practices of selected multinational companies in the Kingdom of Bahrain as basis for an employee retention program. It compared the extent of use of employee retention tools such as training and development, compensation and benefits, and career development. Mean was used for descriptive analysis, while one-way analysis of variance (ANOVA) was used to determine if significant differences existed between the extent of use of employee retention tools among the selected multinational companies categorized as small, medium, and large. The study revealed that the extent of use of employee retention tools in training and development, compensation and benefits, and career development was to a Great Extent. The provision of variable pay and equity-based compensation was to a Moderate Extent. No significant differences were noted in the extent of use of employee retention tools when the selected companies were classified as large, medium, and small. It was concluded that selected multinational companies hardly ever provide performance-based bonuses and equity incentives. Recommendation cited therefore was that multinational companies should make provision of these forms of incentives, being an equally-important tool in the retention process and which play an integral part of the employee retention program.

Key words: Training and development, Compensation and benefits, Career development

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### Conservation Awareness Strategies of the Electricity and Water Authority: Kingdom of Bahrain

Reynaldo B. Ame

**Abstract**

Electricity and Water Authority (EWA) is one of the most important branches of the government of the Kingdom of Bahrain, as it is the branch that takes care of the supply of water and electricity in the entire Kingdom. The agency, aside from providing the much needed source of electricity and water for the people of Bahrain, is also into activities and programs that will teach its clients the water and electricity conservation. The study evaluated the support, process and achievement of the program. This will provide insights to the further improvement of the Conservation Awareness Campaign of the Electricity and Water Authority (EWA) of the Kingdom of Bahrain. The respondents of the study were the supervisors, staff and clients of EWA. Purposive sampling was used to ensure that people who have expertise in the area of study were the only ones who will answer the questions and thereby give accurate responses. The inputs in the Conservation Awareness Campaign of EWA in terms of policy support, staff, and logistics were adequate, but it is very adequate in terms of time. The level of effectiveness of the process used in the delivery of the Conservation Awareness Campaign of EWA in terms of methods, strategy and technology was very effective. On the average, respondents perceived that Conservation Awareness Campaign of EWA is effective, although the clients perceived it to be very effective, as 82.5 per cent of water customers in Bahrain Kingdom are aware that the Kingdom faces quality and quantity problems with the water supply. The major problems the company faced in terms of the campaign are not enough information resources, limited campaign activities, and the unwillingness of the customers to engage in water efficiency measures such as installing devices that will help reduce the use of water.

**Keywords:** Conservation awareness campaign, Level of effectiveness, Inputs in the campaign, Delivery process.

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**Islamic Banking System in the Kingdom of Bahrain: Competitiveness  
in the Global Banking Industry**

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**Abstract**

The study is an attempt to evaluate the relationship between the level of effectiveness of the Islamic Banking System in the Kingdom of Bahrain and its relationship to competitiveness in the global banking industry in terms of banking services expansion, pricing transactions, equity funds management, investment approach, business performance and find out the problems affecting this industry to attain a quicker and transparent solution to Islamic finance through Shariah way. The questionnaire was floated among eighty three respondents from some branches of three different Islamic banks. They were asked to rate the Islamic banks on the basis of certain criteria and to

express their levels of relationship between the level of effectiveness of Islamic banking system in Bahrain and its competitiveness in the global industry. Their responses were analyzed and certain conclusions arrived at using Weighted mean scores, Standard Deviation and Correlation. Findings showed a highly significant relationship between the effectiveness of the Islamic banking system and the competitiveness in the global banking industry. The Islamic Banking system has to improve the effectiveness of its system to achieve competitiveness through innovative strategies and products and services in a Shariah compliant manner. The study further identified the benefits, strategies and opportunities in the provision of banking services in the Islamic banking industry that will lead to competitiveness in the global banking industry.

**Keywords:** Banking Performance, Business Services Expansion, Pricing Transactions, Equity Funds Management

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### **Operations Strategies of Universities in the Kingdom of Bahrain: Delivering Change for Global Competitiveness**

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#### **Abstract**

This study assessed the level of influence of operations strategies on global competitiveness of selected universities in the Kingdom of Bahrain. Included in the study, were 227 respondents, composed of students, professors and employees from selected universities in the Kingdom of Bahrain. Findings of the study indicate that on the perceived operations strategies, the subject universities utilize the competitive strategy of service differentiation that goes beyond physical characteristics and service attributes which influence the value that customers derive from it. It is perceived with some degree of homogeneity that the subject universities provide aggressive construction efficient-scale facilities, maintain tight cost control and cost minimization, allowing them to charge a lower price for educational services than competitors and effectively compete in the industry based on cost leadership strategy. Perceptions reveal that the subject universities are culturally responsive to the changes in demands of students and customers, and support students' growth and achievement. It is perceived that the subject universities maintain corporate values in their continuous search for excellence in the teaching and learning process and in all of their educational services. The findings derived from this study led to conclusions that operations strategies adopted on service differentiation, cost leadership, cultural responsiveness, and corporate values, singly and/or in combination, are predictors of global competitiveness. Corporate values ranks first in predicting quality followed by cost leadership and service differentiation. Corporate values significantly influence customer satisfaction while cultural responsiveness, corporate values and service differentiation are significant predictors of long-term survival.

**Key Words:** Operations Strategies, Global Competitiveness

## Management Information System at Salmania Medical Complex in the Kingdom of Bahrain

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### Abstract

The purpose of this study was to assess the status and level of effectiveness of management information system in term of Technology, Culture, Human Resources and Management Information System procedure in health industry in the Kingdom of Bahrain taking Salmania Medical Complex. It also sought to find out that there is no significant difference between the status and level of effectiveness of information management systems at Salmania. The research was conducted using a structured questionnaire method to describe the perceptions of the respondents regard each term. The total number used for the employee in the medical record sector. The average means of responses and t-significant test value were calculated to find out whether there is a significant difference between the means of status and level of effectiveness of each term. Most of the respondents moderately agreed on the status of management information. Findings showed that most of the respondents said that the management information systems was moderately effective. The recommendations of the study should be considered by the Ministry Of Health in Bahrain, to enhance the status and level of effectiveness of health information management at Salmania Medical complex . Further studies is required to conduct along the subject of status and level of health information management using other business organizations, industry, respondents and other variables/aspects not covered by the present study.

Keywords: Management Information System, Effectiveness, MIS Procedures, Health Information

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## Training and Development Program in the Ministry of Foreign Affairs of the State of Kuwait: Influence on Employee Job Performance

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Kingdom of Bahrain

### Abstract

This study aims to determine the influence of the training and development program in the Ministry of Foreign Affairs of the State of Kuwait, on employee job performance. The descriptive method uses to obtain descriptions generated from responses. The responses gather from the survey dealing with the training and development program in the Ministry of Foreign Affairs along the areas of training methods, training resources and facilities, training support, and types of training. Purposive sampling is adopted involving a total of 19 managers, and 90 employees in the Ministry of Foreign Affairs. Results of the statistical treatment reveal that perceptions of respondents agree on the implementation of the training and development program in the areas of training methods, the provision of training resources and facilities, training support, and the provision of benefits to employees. The Study reveals effectiveness of the subject organization in the implementation of the training and development program on the variables investigated. The average mean of 3.98 shows high level of employee job performance in the Ministry of Foreign Affairs. There is no significant difference between the status and level of effectiveness of the training and development program in terms of training support. There is significant difference in the status and level of effectiveness of the training and development program in the areas of training methods, training resources and facilities and training benefits. There is significant influence of training methods, training resources and facilities, training support, and training benefits with employee job performance. The null hypotheses of the three variables were rejected. Problems of identifying learner's needs, time constraints for preparation and learning participation, achievement of high value from the transfer of learning, lack of management support, lack of support for different learning styles, created an environment that removes barriers to interaction were perceived to be needing immediate attention from the management of the Ministry of Foreign Affairs.

Keywords: Training and Development, Employee Training, Employee Training and Development

Organizational Work Stress Management in Sacred Heart School:  
Kingdom of Bahrain

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Abstract

This research is about the implementation of organizational work stress management among secondary teachers in Sacred Heart School, Kingdom of Bahrain. This is more observed nowadays because most organizations experience changes due to globalization. Business life has become a continuous race against time and technology. These situations create tensions among workers which lead to dissatisfaction and frustration. This eventually manifests itself as a physical, psychological, and behavioral stress. If there will be no proper management of stress in an organization, the operation of the organization will surely be affected. In view of avoiding such situation, Sacred Heart School has been observing the concept of work stress management. This is evidenced by the findings made in this study wherein all the respondents agreed on the status of its implementation in terms of varied indicators. The concept was also assessed in terms of its level of effectiveness wherein the teachers rated its effectiveness. However, there were also problems encountered in the implementation of organizational work stress management. Respondents realized that the management has limited concern on faculty development. This is a need for the teachers to be more motivated to work, despite the workloads expected of them as academicians. The researcher recommended that organizational work stress management be maintained in the school; engage the faculty to trainings and seminars towards self-development; establish good communication between the administration and teachers; be aware of the effects of stress particularly on the productivity of teachers, and improve or maintain the current implementation of

Keywords: Stress management, Environmental factors, Organizational factors, Personal factors

# Project Portfolio Management in the Construction Industry in the Kingdom of Bahrain: Systems Approach to Achieving Maximum Organizational Value

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## Abstract

This study investigates the relationship between the project portfolio management and achievement of maximum organizational value in the construction industry in the Kingdom of Bahrain. The study includes 90 respondents, composed of managers and employees from selected construction companies in the Kingdom of Bahrain. The dependent variable in this study is indicated by the achievement of maximum organizational value in the construction industry. The independent variables considered in this study are the implementation and effectiveness of the project portfolio management in the construction industry in terms of pipeline management, change control, resources management, project communication management, and project audit and closure. T-test was used to determine significant difference between the extent and level of effectiveness of the implementation of the project portfolio management in the construction industry as systems approach to achieving maximum organizational value. Findings of the study revealed that there is no significant difference between the implementation and level of effectiveness of the project portfolio management as systems approach to achievement of maximum organizational value in the construction industry, in the areas of pipeline management and project communication management. The null hypotheses were accepted. For variables of change control, resources management, project audit and closure, reveal significant difference between the implementation and effectiveness of the project portfolio management in the construction industry. The null hypotheses for the three variables were rejected. The result of the statistical treatment show that there is high positive significant relationship between project portfolio management along the areas of pipeline management, change control, resources management, and project audit and closure and the dependent variable of achievement of maximum organizational value in the construction industry. The variables of pipeline management, change control, resources management, and project audit and closure have p value less than 0.05 significance level, which are significant factors that influence the achievement of maximum organizational value.

Keywords: Project Portfolio Management, Organizational Value, System approach

## The Service Quality at Selected Properties of Almoayyed International Properties

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### Abstract

This research is about the level of customer satisfaction of Almoayyed International Properties' clients/tenants and intends to assess the gap between the desired quality of service of selected Almoayyed International Properties and the actual services the tenants are getting by using the SERVQUAL service quality criteria namely tangibility, reliability, responsiveness, assurance and empathy. One of its biggest units is the International Properties that handle flat and villas for locals and expatriates. Clients/tenants occupying the expensive villas, as well tenants from fully furnished flat and unfurnished flats were asked about the ideal housing facility for them, and later were asked about their actual experiences in their housing facilities give the five (5) service quality criteria. When it comes to the significant relationship between the desired level of service and customer satisfaction, findings reveal that there is no significant relationship between service tangibles and customer satisfaction. In terms of reliability, reliability has a positive correlation with customer satisfaction, significant at 0.05 significance level. In terms of responsiveness, responsiveness as one of the service criteria has no significant relationship with customer satisfaction. In terms of service assurance, findings reveal that it has no significant relationship with customer satisfaction. In terms of empathy, it is perceived to have no significant relationship with customer satisfaction. Overall, while AIG is able to live up to the expectations of its clients/tenants.

Keywords: Customer satisfaction, Service quality criteria, Tangibility, Reliability, Responsiveness

# Capacity Building Initiative Frameworks and Models for Student Council: A Comparative Theory-Building Approach

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## Abstract

The paper aims to provide the student councils appropriate development frameworks and models necessary in the conduct of its capacity-building initiatives. It analyzes various models and frameworks in which student councils can adopt as a guiding mechanism for its capacity building activities and programs as an organization namely Logic Evaluation Model, De Vita, Fleming and Twombly Model, and Independent Variable-Dependent Variable Analysis Model. Employing a theory-building approach, the paper integrates and incorporates a comparative critique and synthesis on the point of convergence and divergence of these student capacity-building models as an added dimension to the theoretical and conceptual discussion and analysis. It also uses a discourse analysis approach in the construction of perspectives with regards to student capacity- building paradigms. The paper likewise analyses some relevant literature on student council in the context of its participation and involvement in capacity-building works and initiatives and underscores the relevance and importance of these capacity-building models to the student council as a frame of mind and reference as its conclusion and implication. Finally, the paper concludes that the capacity-building initiative frameworks and models can serve as a tool in providing a logical, sequential and systematic ordering of forging partnership with organizations and institutions, becoming aware of relevant laws to education and student council, knowing what these capacity- building partners, institutions and law can do, entering into the process and finally achieving their outcomes as an organization.

Key Words: Capacity-building, Convergence, Divergence, Framework, Theory-building

## Consumer Buying Behaviour for Luxury Automobiles in the Kingdom of Bahrain

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### Abstract

This research aims to understand consumer buying behavior for luxury automobiles in the Kingdom of Bahrain. The focus is on cars such as Mercedes, BMW, Lexus and Jaguar. It sorts to determine the factors that influence buyers in term of social, psychological and personal factors. The study uses qualitative and quantitative researches. The statistical tool used was arithmetic mean and correlation. Data gathered from the questionnaires concludes that social, psychological and personal factors have an influence on the behavior of buyers, especially for luxury cars. Although some agreed that income was not so influential yet it was an important aspect in their purchase decision. Moreover, prestige has always been part and parcel of owning luxury products. It was also seen that people who purchased luxury cars like Mercedes, BMW, Lexus and Jaguar wanted to be recognized within a society they live. Lastly it was noted there is no significant difference between the perception and the level of influence on the buying behavior of consumer for luxury automobiles in the Kingdom of Bahrain. Hence the Null Hypothesis was accepted. Luxury brands must take the opportunity in targeting these segments. Lastly continuous feedbacks must be in a two way direction, rather than one way track.

Keywords: Consumer behavior, Social, Personal, Psychological, Safety and Security

# Impact of Organizational Change on employee's Performance in Retail Industry in the Kingdom of Bahrain

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## Abstract

This study is going to analyze the impact of organizational changes towards employees 'performance in retail industry. The factors that will be discussed in the chapter include independent variables namely leadership, employees 'development and tolerance to change and dependent variable employee performance. The selected location for this research is Gudaibiya and Manama, Kingdom of Bahrain. A sample size of 65 questionnaire had been collected from the respondents mainly, managers and employees of retail industry. The questionnaire was designed and distributed through random sampling to managers and employees in the retail industry. The Statistical Package for Social Science (SPSS) software had been used in order to explain the correlation coefficient analysis among the dependent variable and the independent variables. Mean is used to analyze the status and effectiveness of independent variables on employee performance on account of organizational change. By Pearson coefficient of correlation, a highly noteworthy link can be seen between the status of leadership and the effectiveness of employee development with r-value .322 and p-value .009 at 0.01 level of significance. On the other hand, communication, tolerance to change has a negative significant relationship with employee's performance. This research will indisputably give an insight into other related studies also.

**Keywords:** Communication, Leadership, Employee Development and Tolerance to Change, Organizational Change.

## Effectiveness of e-banking Services in Ahli United Bank Kingdom of Bahrain

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### Abstract

Internet-based electronic banking is also called e-banking. There has been an increase in the usage of e-banking because of its convenience. This paper attempted to study the current status of e-banking in Ahli United Bank, Kingdom of Bahrain in terms of online security, significant difference on the perception of the respondents on the current status of e-banking in Ahli United Bank, and the level of effectiveness of e-banking in terms of online security and challenges encountered in conducting online transactions. Descriptive Study Method fulfilled the research. A five point Likert survey questionnaire was used to obtain the data. The findings of the study presented that the e-banking securities are very strong which includes the use of latest technologies in contrary to the customers who have moderately agreed. Ahli United Bank uses the 3D Secure Service technology and the Address Verification System, AVS. Adoption of these latest technologies by the bank has made a transfer of funds easier, secured e-banking transactions over other kinds of transaction. Strong e-banking security procedures are attracting more and more customers who are well aware of e-banking security and benefits. Ahli United Bank regularly advises their customers to follow the Internet security best practices. The most common challenge noted is the SMS push systems leads to transaction failing as the customers has a 5 minutes window to enter the confirmation which can be risky at times. In this globalised world, there is always a need of newer and stronger security measures to identify potential security problems and solutions, as well as a better understanding of how cyber-criminals think.

**Keywords:** E-banking security, Stakeholders, Pharming, 3-D Secure, AVS technology

The use of Non Biodegradable Packaging Methods in the Retail Establishments:  
The Case of Bahrain

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**Abstract**

The increased usage of Non Biodegradable packaging materials as well as ineffective recycling strategies results in greenhouse gas emissions, more harmful than carbon dioxide. This study identified consumer behavior and perception related to the increased use of plastic bags in transporting household goods from shops. Specifically, the study identified the status and effectiveness of the use of Non-Biodegradable packaging methods amongst retailing establishments in Budaiya, in the Kingdom of Bahrain in terms of Use, Frequency, Recycling Strategies adopted, and the problems encountered in recycling and reusing packaging materials. Descriptive Study Method of Research was used in this study. Likewise the researcher also used the 5 point Likert's Scale in the Study. The respondents strongly agreed that there is high usage of plastic bags in the Kingdom of Bahrain. The reason given was, durability, cheaper price, lighter than other alternatives and easy storage. The rating of agree was given in terms of high frequency of single use thin plastic bags given to the customers than other packing methods, because of the shopping trips made frequently. The respondents moderately agreed that recycling strategies adopted by both retail establishments and consumers are in place in the Kingdom of Bahrain but indiscriminate use and disposal of these plastic carrier bags do pose a significant environmental threat to the country. Plastic carrier bags are found to be favored in transporting high-risk food products to avoid possible cross contamination. The most common challenge noted is lack of strict regulations concerning use of reusable bags, lack of awareness level among the citizens, and innovative recycling strategies. Consumers' perceptions and usage behaviors in connection with respective government policies and implementation of recycling systems could be highly decisive in reducing the eco-impact of plastic and paper shopping bags.

**Keywords:** Plastic Bags; Reduce; Recycle; Disposal, Landfill

## Safety Climate, Relationships and Productivity: The Case of Al Manhal Water Factory

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### Abstract

The research is about the safety climate of Al Manhal Water Factory. This has been done to assess how strong the safety climate of the company and how it affects the productivity of the personnel working in the shop floor. Safety climate was assessed using four (4) variables which include management commitment, communication, priority of safety and work environment. Analyzing what are the respondents perception and awareness level of management commitment, communication, priority of safety, supportive environment as basis, it was clearly answered that they have strongly agreed that the company is giving its unconditional commitment to support overall safety within the shop floor. This is evidenced by the series of training programs that are given regularly to personnel. Communication lines are open to report and address any safety issues. Reward system has been developed to encourage personnel to report unsafe act or unsafe behavior. The company is prioritizing safety, as experienced by the personnel who are made to do several safety reports, undergo certification processes. The work environment has made the personnel feel that they safe at work area and therefore motivates them to work without having in mind that anytime they will figure out in an accident. The company, based on the respondents' reply show that there is a strong safety climate which results to improved productivity. The data in Table 4.9 shows that the different variable (management commitment, communication, priority of safety and work environment) have an impact on Al Manhal Water Factory personnel's productivity. When personnel feel that workplace is not at all safe, there will be fear to move and work fast. But as the safety climate is strong, people feel that they are safe moving from here and there. Working and moving fast is not an issue since people can feel and see that nothing in the workplace can harm them or can cause accident. Now the output of the company increased from 11,000 bottles to 6,000 bottles of the 5 gallon water. As everyone feel that they are safe in the workplace, then they are highly motivated and happier to work and becoming more productive. Based from the documents the researcher was able to secure, it was clear that the company is very focused on ensuring safety within the workplace. From training programs to notice board to communication lines and reward system, everyone will just be happy and active to be vigilant to immediately report about any unsafe situation. This makes all to be proactive and prevent the occurrence of any untoward incident that can damage life and property.

**Keywords:** safety climate, management commitment, communication, priority of safety, work environment, productivity.

Performance Management in Selected Multinational Companies  
in the Kingdom of Bahrain

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**Abstract**

The purpose of this study was to assess the existing performance management practices of selected multinational companies in the Kingdom of Bahrain as basis for performance management program. It compared the extent of use of performance management tools such as, goal-setting, feedback and appraisal, development, rewards and recognition, and communication and collaboration. Mean was utilized for descriptive analysis, whilst one-way analysis of variance (ANOVA) was employed to establish if significant difference existed between the extent of use of performance management tools among the selected multinational companies classified as small, medium, and large. The study disclosed that the extent of use of performance management tools such as, goal-setting, feedback and appraisal, and development was to a Very Great Extent, whereas in rewards and recognition, and communication and collaboration was to a Great Extent. In managing employee performance, irrespective of classification, the selected multinational companies acknowledged the importance of the conduct of the five elements of performance management program. And, when the selected companies were categorized as large, medium, and small, there was no significant difference noted in the extent of use of performance management tools.

**Keywords:** Goal-setting, feedback and appraisal, development, recognition, communication

# The Enablers and Barriers of Private Climate Change Governance Initiatives in Kingdom of Bahrain: A Discourse Analysis

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## Abstract

The study analyzes the climate change governance initiatives' enablers, barriers and policy outcomes in the context of private corporations in Manama, Kingdom of Bahrain employing the stakeholder governance theory on climate change governance as a basis for conceptualization. The paper specifically deals on what motivates and discourages private corporations to engage in climate change governance initiatives as can be deduced from the degree of highness of the enablers and barriers respectively. It likewise addresses the policy outcomes and programs as a form of mitigation and adaptation efforts in coping with climate change. Utilizing mixed methods of descriptive research, discourse and regression analysis, the paper seeks to discover the significant effects of climate change governance initiative enablers to climate change governance initiative barriers and vice-versa. The paper likewise attempts to reveal the significant effects of both climate change governance initiative enablers and barriers to climate change governance initiative policy outcomes which are necessary, practical and beneficial in understanding and analyzing private corporation's climate change governance in the context of sound policy-making formulation and policy-making implementation. In the end, the paper realizes and exposes some key predictors and determinants among climate change governance initiative enablers, barriers and policy outcomes which are useful in enhancing private corporation's capacity-building programs and strategies in the realm of climate change governance in the Kingdom of Bahrain.

Keywords: barriers, climate change, enablers, governance, stakeholder, policy

Supply Chain Logistics Integration Performance of Selected Companies in the Construction  
Industry: Kingdom Of Bahrain

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**Abstract**

The research was conducted to measure the logistics integration capabilities of selected companies in the Bahrain construction industry using the Supply Chain 2000 framework; and, determine the extent and direction of influence of these logistics capabilities and integration competencies on the supply chain performance of the firm. A total of 50 executive respondents (from supervisor to Managing Director level) from 22 construction and construction supplier firms participated in the study from September to November 2014. The results reveal that respondent Bahraini construction firms have significantly lower levels of logistics capabilities, but higher levels of logistics integration competencies compared to international benchmarks. Using stepwise multiple regression analysis, eight logistics capabilities of Bahraini construction firms were identified to be positively associated with firm performance; with Comprehensive Metrics as the most positively dominant influential logistics capability. Activity Based and Total Cost Methodology is found to be the most negatively dominant influential logistics capability. In terms of logistics integration competencies, the study revealed that Customer Integration, Internal Integration, and, Measurement Integration are negatively associated with firm performance. There was no logistics integration competency found to be positively associated with the supply chain performance among the companies who participated in the study. The research reveals that there are areas for improvement in supply chain capabilities and logistics integration competencies of the construction firms in the Kingdom of Bahrain to improve their supply chain performance to a global level.

**Keywords:** Logistics Integration Capabilities, Logistics Integration Competencies, Customer Integration, Comprehensive Metrics, Supply Chain 2000

## Assessment of Electronic Banking Services of Islamic Banks: Bahrain's Perspective

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### Abstract

The study aims to assess the electronic banking services in Islamic banks in Bahrain. The investigation was based on qualitative and quantitative design using the questionnaire and semi-structured interviews. Quota sampling was employed to 200 bank customers. The respondents agreed on the status of electronic banking services in terms of application for loan and credit card with an overall composite mean of 4.02; personal account-3.94; payment of bills- 3.89 and transfer of funds-3.96 respectively. Likewise, the respondents expected on the electronic services in terms of application for loan and credit card as revealed by overall mean of 4.01; personal account-3.91; payment of bills- 4.0 and transfer of funds- 3.89 respectively. In terms of application for loan and credit card, personal account and payment of bills, the computed sig. (2-tailed) value of .108 of the first, computed sig. (2-tailed) value of .284 of the second and the computed sig. (2-tailed) value of .966 indicated the acceptance of the null hypothesis. Therefore, there is divergence between the status and the level of expectation on the electronic banking services in Islamic banks in Bahrain. However, in terms of transfer of funds, the computed sig. (2-tailed) value of .002 showed the rejection of the null hypothesis. Therefore, there is considerable divergence between the status and the level of expectation on the electronic banking services in Islamic banks. Respondents find difficulty in executing the electronic banking services due to lots of information required in the application of loans and credit cards and takes long time to release the loan. Regarding personal account, respondents are apprehensive for it lacks confidentiality and can easily be hacked. Hence, they cannot easily access and have difficulty in logging in. As to payment of bills, respondents find difficulty in going to the bank to pay their bills and no confirmation received when payment is executed. Moreover, there is no monthly updates issued by the bank and Islamic banks are not entertaining other currencies except Bahrain dinar. Pertaining to transfer of funds, Islamic banks have limited number of branches to accommodate customers and it takes time to transfer funds.

Keywords: Electronic banking services, Islamic bank, Service quality

# Investigating the Level of Effectiveness of Green Technology Management in Bahrain

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## Abstract

After two centuries of unprecedented growth and economic expansion, our planet is bearing the fruits of rapid industrialization and excessive urban development, in the form of global warming, climate change and increasing pollution levels. Sustainable Development has emerged as the most viable and practical model for human activity, that ensures the protection as well as progress of the three main stakeholders i.e., the economy, the ecology and the community. Green Technology is at the fore-front of this global movement towards Sustainable Development, and is particularly relevant in the case of the Kingdom of Bahrain. The main goal of this research is to understand the status and level of effectiveness of the implementation of Green Technology among the selected companies in the Kingdom of Bahrain. The study also uncovers the difference in perception about the status and the actual effectiveness in the implementation. The study was conducted using surveys questionnaires with a respondents group selected from two different organizations that are actively involved in manufacturing products through Green Technology in the Kingdom of Bahrain. The results showed that whilst respondents attached a high level of importance to the status of Green Technology, the level of effectiveness was gauged to be not very effective. Several problems and challenges were brought forth which are hampering the process of effective implementation of Green technology projects. The study confirmed the hypothesis that there was very less difference in the perception amongst the respondents pertaining to status and level and effectiveness of implementation of Green Technology among the selected companies in the Kingdom of Bahrain. The study put forward details of some of the recommendations made by the respondents, which included a need for greater governmental support, investment in indigenous research and development capabilities, creating public awareness and improving access to newer technologies in the field of Green technology.

Keywords: Green Technology, Sustainable Development, Global Warming, Climate Change

## The Use of Innovative Cooperative Islamic Insurance Model: The Case of Bahrain

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### Abstract

This study focused on the use of innovative cooperative Islamic insurance model at Takaful International Company which is held in Manama in the Kingdom of Bahrain. This study analyzed the following variables, namely: Segregation of Right Structure, Pre-Agreed Fee and Distribution of Surplus. An organizationally based, descriptive portion of design will be pursued through the use of relevant data from both primary and secondary recourses. The articulated research outlined to be the most fitting one exemplify the use of innovative cooperative Islamic insurance model: the case of Bahrain. Moreover, descriptive study incorporated the accumulation of fact, data, and figures germane to the papers focus, for the purpose of their organization, rudimentary analysis, tabulation and cause effect relationship expectation. The interpretative and explanatory style of the technique enabled the researcher to process proficiently the assembled raw data into a comprehensive collection of information that was then evaluated from positions occupied by the study's general and specific aims. In this study, the sample size was conducted from senior employees and policyholders in the Takaful Insurance Company. Purposive sampling was used in the study where the researcher identified criteria for the selection of the respondents. The results of the study showed that respondents strongly agreed with the importance of segregation of right structure, pre-agreed fee, and distribution of surplus. Moreover, majority of the respondents showed that the innovative cooperative Islamic model in terms of segregation of right structure, pre-agreed fee, and distribution of surplus are highly effective. The most severe problem encountered is that the Takaful operator is usually not sharing surplus with policyholders. There is a significant relationship between the status and the level of effectiveness in terms of segregation of right structure, pre-agreed fee, and distribution of surplus. However, there is no significant difference between the senior employees' and the policyholders' views points.

Keywords: Segregation of Right Structure, Pre-Agreed Fee, Distribution of Surplus

## Building Maintenance Management Approach in the Kingdom of Bahrain: Impact on Organizational Profitability

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### Abstract

The study determined the impact of building maintenance management approach on organizational profitability. It focused on the effectiveness of the building maintenance variables of value retention, life cycle assessment, defects' assessment, and quality performance and their impact on profitability. The research study also identified building maintenance variables that predict organizational profitability in the building maintenance industry in the Kingdom of Bahrain. Purposive sampling design was used to determine the sample size and selection of respondents who will participate in the study. The mean, and standard deviation were the descriptive tools in presenting the data for effectiveness of the building maintenance variables and the level of organizational profitability. Pearson Correlation was used to measure the degree of relationship between maintenance management approach and organizational profitability. Multiple Regression Analysis assessed the relationship between organizational profitability and the building maintenance variables. It was also used to determine the predictors of organizational profitability in the maintenance industry in the Kingdom of Bahrain. Findings of the study revealed overall effectiveness of the respondent companies in the maintenance industry in the implementation of the building maintenance approach in the areas of value retention, life cycle assessment, defects' assessment, and quality performance. Respondents are satisfied with the overall implementation of the building maintenance management approach in the areas of value retention, life cycle assessment, defects' assessment, and quality performance. Findings show significant relationships between the building maintenance approach variables value retention, life cycle assessment, defects' assessment, and quality performance with organizational profitability. The null hypotheses were rejected for all the building maintenance management approach variables. Overall, there is significant relationship between the building maintenance approach and organizational profitability. There is no significant difference in the perceptions of the respondents on the effectiveness of the subject company in the implementation of building maintenance management approach, significant at .05 significance level (2-tailed). The two sets of respondents, the managers and employees in the subject building maintenance firms, have the same perceptions on the effectiveness of building maintenance management approach.

Keywords: Building Maintenance, Organizational Profitability, quality performance

## Motivational Strategies and Organizational Productivity: A Study of Islamic Banks in Bahrain

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### Abstract

The study aims to assess the effectiveness of motivational strategies in relation to organizational productivity in Islamic banks in Bahrain in terms of: remuneration, allowance, promotion and professional growth. Descriptive survey method was employed to analyze the significant relationship between the status and the level of effectiveness of motivational strategies in Islamic banks. Survey questionnaire was utilized wherein data gathered were organized, analyzed and interpreted using the statistical tools such as mean, standard deviation, correlation, and T-Test. The weighted mean was utilized to identify the average perception of the respondents. T-test was used to calculate the difference in the perception of the respondents. The correlation was used to assess whether the means of two groups are statistically different from each other. The findings show that the respondents are very satisfied on the status and revealed that motivational strategies are very effective in terms of remuneration and allowance. However, in terms of promotion and professional growth are effective. There is significant relationship between the status and level of effectiveness of motivational strategies in relation to banks' productivity. There are four common problems encountered by the respondents as to motivational strategies in Islamic banks.

**Keywords:** Motivational strategies, Remuneration, Allowance, Promotion and Professional growth

# The Impact of Marketing Strategies in the Fashion Industry in the Kingdom of Bahrain

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## Abstract

The study was conducted with the aim of analyzing the issues and challenges faced by Bahrain fashion companies in terms of marketing strategies used in the fashion industry. The study also aimed to analyze the marketing strategies from a marketing mix perspective as viewed by the fashion industries. The primary research method was dependent on the survey that was conducted in Bahrain between February to May 2016 with entrepreneurs and established business owners in the fashion industry. A survey questionnaire was conducted and distributed to entrepreneurs and established business owners. The respondent sample was selected using purposive sampling method. Their responses were then tabulated and underwent Multiple Regression Analysis to determine the direction and level of relationship between variables of the study. The results of the research reveal that product strategy has a significant and positive impact on business performance in term of profitability, market share, return on investment, and expansion. This is maybe due to the sensitivity of the market to fashion product attributes such as quality, features, design and style. The study also indicates that price strategy has a significant positive impact on business performance. This is because many Bahraini consumers are motivated to buy products that offer higher value for money. Distribution/place strategy is also seen to be another factor having a positive and significant impact on business performance. This simply means the location, accessibility and channel of distribution employed by Bahraini fashion shops and boutiques is a major concern. On the other hand, the relationship between promotion strategy and business performance is significant, but the relationship is going in the opposite direction. This may be due to the consumer perception that heavily promoted products could be problematic products maybe of poor quality and for clearance stocks. Based on the results of the Multiple Regression Analysis, it was found out through this study that marketing strategies (product, place, and price) were significantly independent and joint predictors of business performance. The study however, discovered that promotion strategy has no positive significant effect on business performance.

Keywords: Marketing strategies; Bahrain fashion industry; fashion entrepreneurs; marketing mix

Strategic Management Practices of Middle Managers in Selected  
Commercial Banks in the Kingdom of Bahrain

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**Abstract**

The main objective of this study was to uncover the organizational factors influencing strategy implementation from the viewpoints of middle managers and top managers of commercial banks in the Kingdom of Bahrain. This study specifically aimed to discover the contributions of middle managers in the implementation of organizational strategies. Barriers and the challenges associated with the implementation process were also identified. Quantitative and qualitative methods of research were used. A survey research questionnaire was adopted to answer the quantitative part of the study while a semi-structured interview guide was used to further cross validate the data from both sets of respondents. The results were statistically analyzed using the Statistical Package for Social Sciences (SPSS) and NVivo software for qualitative data. Based on the findings of the study, it was implied that the middle managers employed championing alternatives by communicating the organization's goals, to plan the required actions not only to the top managers but also to all levels of organizations. In the same manner, it was revealed that middle managers employed strategic management practices by supplying significant information concerning internal and external events to top management. Moreover, these managers discuss the goals and empower personnel in line with the vision and mission of the company. Likewise, finding implies that middle managers employed synthesizing information by encouraging employees to redesign processes and provide encouragement to employees to be involve when there are changes in the program. Furthermore, the findings revealed that middle managers implemented deliberate strategy by planning the required actions in relation to the goals of the organization. Finally, it was found out that the barriers to strategy implementation were resistance to strategic change of some personnel and cultural barriers. Other barriers noted were lack of support to a strategy, ineffective leadership, and weak or inappropriate strategy.

**Keywords:** Strategic management practices, middle managers, commercial banks

## Effectiveness and Satisfaction of the Employees on the Motivation Tools of Muscat Life Assurance Company in Sultanate of Oman

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### Abstract

This study determined the effectiveness and satisfaction of the employees on Motivation tools of Muscat Life Assurance Company in Sultanate of Oman. This study further determined the effectiveness of Motivation tools and the satisfaction of the employee's satisfaction on Monetary and Non-monetary rewards. The purposes of the hypotheses are tested in the determining the effectiveness of the motivation tools of the managers and staff were long terms relationship is needed. Descriptive and exploratory approaches were used in this research. In order to collect primarily data, a self- completed questionnaire was designed and distributed to the managers and staff of Muscat Life Assurance Company. For descriptive statistics, frequency and average mean were used. The findings showed that overall assessment of the respondents in terms of effectiveness of the Motivation tools resulted as "Effective"; whereas for satisfaction of the employees, it resulted as "Somewhat Satisfied" Moreover, the major problem encountered in the implementation of the Motivation tools of Muscat Life Assurance in Oman is that the majority of the respondents have considered the Motivation tools not in touch with staff needs. The HR should revise the company's policies and meet with their staff to understand their expectations and then redesign the reward system specifically to the employees of Muscat Life Assurance Company to address and appreciate their individual performance and reward their efforts.

Keywords: Monetary Reward, Non-Monetary Reward

# The Impact of Call Center Services to the Productivity of Selected Commercial Banks in Bahrain

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## Abstract

This study assessed the impact of call center services on the productivity of selected commercial banks in the Kingdom of Bahrain. The investigation is focused on appraising the standing condition of call center services in terms of: service, marketing, profit and web-enabled. It also endeavored to figure out the perceptions of the employees and the bank clients of the selected commercial banks in the Kingdom of Bahrain on the impact of call center along with the same variables in order to establish a base for enhancement of productivity of the bank. The study used a descriptive survey method to analyze the perception on call center services in selected commercial banks in Bahrain. The respondents of the study were the 120 employees and bank clients of the commercial banks. The primary tool in gathering data was the questionnaire. Secondary sources were utilized such as: books, articles, unpublished theses and other printed resources related to the study that were used to support and strengthen the findings of the study. Descriptive statistics were used to analyze and interpret the data gathered such as: weighted mean to identify the average perception of the respondents. T-test was used to calculate the difference in the perception of the respondents. The correlation assessed whether the means of two groups are statistically related from each other. The following were the major findings in the study: The status of call center in commercial banks is found to be moderately agreed as revealed by an overall mean score of 2.83. The impact of the call center services in the light bank productivity is found to be moderately effective. This is drawn from an overall mean score 2.41. There is no significant relationship between standing condition and the effectiveness of call center services to the productivity of commercial banks in Bahrain. The problems that encountered by employees and bank clients in relation to call center services in commercial banks in Bahrain include: Call agents are not prompt in giving solutions to customer problems was the highest and no security of customer information was the lowest with frequencies of fifty-two (52) and three (3) respondents, respectively

Keywords: Call Center, Service, marketing, profit and Web-enabled

## An Assessment of Work Effectiveness among Employees of Small Enterprises in the Kingdom of Bahrain

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### Abstract

In the study entitled "An Assessment of Work Effectiveness among Employees of Small Enterprise in the Kingdom of Bahrain", the research sought answers on the following specific problems and drawn inferences that relatively identified factors affecting work effectiveness. Specifically, the research included one hundred respondents – fifty (50) males and fifty (50) female employees who are connected with various companies classified as small enterprises operating in the Kingdom. Through survey – questionnaires, data were gathered, collected, and were used as basis of analysis subject to statistical treatments that include frequency count, weighted means and comparison through t – test. The study has inferred the level of work effectiveness among employees of small enterprises as Effective with a combined average weighted mean of 4.18 and with a test result of Not Significant leading to the decision to fail to reject the null hypothesis. On the level of contribution of the factors affecting performance among employees of small enterprises, the result showed a combined average weighted mean of 4.0 with a description of Contributive and test result is Not Significant leading to the decision to fail to reject the null hypothesis while the degree of seriousness of the problems encountered by employees of small enterprises showed a combined average weighted mean of 4.44 with a description of Serious and test result is Not Significant leading to the decision to fail to reject the null hypothesis.

Key Words: Small Enterprises; Work Effectiveness; Subjects of Assessment

## ASSESSMENT OF WORKPLACE BULLYING: A STUDY OF SELECTED PRIVATE FIRMS IN THE KINGDOM OF BAHRAIN

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### Abstract

The study is about the assessment of workplace bullying in selected audit firms in the Kingdom of Bahrain in terms of emotion, work performance, relation with co-workers and professional development. Also, it endeavored to figure out the perceptions of the employees of the selected firms in the Kingdom of Bahrain on the level of its effects along with the same variables in order to establish solutions to combat bullying for enhancement of performance of employees. The respondents of the study were the employees of the selected private firms in the Kingdom of Bahrain. The primary tool in gathering data was the questionnaire. Secondary sources were utilized such as: books, articles, unpublished thesis and other printed resources related to the study that were used to support and strengthen the findings of the study. Descriptive statistics were used to analyze and interpret the data gathered such as: weighted mean to identify the average perception of the respondents. The findings of the study: The frequency of incidences of bullying related to emotion in private firms in Bahrain is found to be now and then. This is drawn from overall/aggregate mean score for the twenty items that make up the first section of the questionnaire which discusses emotion. The average mean score for these twenty items was found to be 1.8 which entails that bullying happened now and then. The frequency of incidences of bullying related to work performance is monthly as its mean score is 2.78. The frequency of incidences of bullying related to relation with co-workers is now and then as its mean score was 2.5. The frequency of bullying related to professional growth is now and then as its mean score was 2.46. The effect level of bullying on the employees in private firms in the light of the four variables on bullying is found to be affective. This is drawn from overall/aggregate mean score for the twenty items that make up the second section of the questionnaire which discusses level of effectiveness. The average mean score for these twenty items was found to be 3.88. There is a no significant relationship between the frequency of incidences of bullying and the affect level of bullying in private firms in Bahrain, thus the hypothesis is accepted. The recommendation posted so as to combat bullying in the workplace are as follows: 1) The firm should have a strict rules that deal with bullies; 2) The firm should ensure that anti-bullying policy is effectively implemented; 3) The firm should take a proactive approach to bullying; 4) The firm should ensure that the workplace climate of employees should feel a sense of belonging and well-being; 5) The firm should empower the employees to take action to stop bullying; 6) Firm's Human Resource should provide employees training on assertiveness in order to enhance their interpersonal skills.

Keywords: Workplace bullying, Emotion, Work performance, Relation with co-workers and Professional Development

## Accounting Practices of Islamic Banks in the Kingdom of Bahrain

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### Abstract

The primary objective of this study to assess the Islamic banks accounting practices in the kingdom of Bahrain in terms of Reporting, Financial Statement Preparation and Audit. For the purpose of this study a quantitative analysis and simple random sampling was used to assess the status and level of effectiveness of accounting practices of Islamic banks in terms of Reporting, Financial Statement Preparation and Audit. The sample group consisted of Five Islamic Banks employees and clients who are: Kuwait Finance House Bank, Ithmaar Bank, Al-Salam Bank, Bahrain Islamic Bank and Al-Baraka Islamic Bank. Descriptive statistics were term used to classify a study whose data used describe, characterized or provided a picture of the research subject, respondents or population. Results indicated that the status of the accounting practices of Islamic banks in the Kingdom of Bahrain need some improvement as reflected by the responses and evidenced by the overall weighted mean of 3.13 as "Neither". Therefore, more attention should be given to the overall accounting practices in terms of their reports, financial statements preparation and audit in order to remain as the market leader in the banks industry. Moreover, the overall level of effectiveness of the accounting practices of Islamic banks in the Kingdom of Bahrain was rated as "Neither" as reflected by the overall mean rating of 2.99 by employees and clients respectively. This implies that the Islamic banks need to re-examine some of the accounting practices, identify the gaps and work hard to improve the situation. The hypothesis of this study: There is no significant relationship between the perceptions of respondents in terms of status and level of effectiveness of Islamic banks accounting practices in Bahrain. It is recommended to improve the current accounting practices related to reporting, financial statement preparation and audit aspects which enhance the client's experiences and loyalty, Review and enhance ethical accountability in Islamic banks. Introduce and develop universal dictionary to enrich the Islamic banks communication channels to be more effective and efficient and Focus on having voting rights for the employees to ensure their interest and progress. In the other hand, more focus on manpower in terms of training and test knowledge to improve and enhance client's satisfaction, train the staff to become client- advisor, that the result and recommendations of the study be considered in strategic planning by Islamic Banks under study to enhance bank-client relationship.

**Keywords:** Accounting Practices; Islamic banks; strategic planning; Reporting; Financial Statement Preparation; Audit

## ASSESSMENT OF THE ENTREPRENEURIAL VENTURES OF INDIAN NATIONALS IN THE KINGDOM OF BAHRAIN

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### Abstract

The study is about the assessment of the entrepreneurial ventures of Indian nationals in the Kingdom of Bahrain in terms of: a) types of Business, b) kinds of Business, c) types of products, d) number of years in business, e) capitalization and Financing and f) entrepreneurial values developed. Also, it endeavored to figure out the perceptions of the respondents on the level of its effects along with the same variables in order to establish solutions to the problems encountered by the Indian entrepreneurs. The respondents of the study were the owners and salesmen of the Indian stores in the Kingdom of Bahrain. The primary tool in gathering data was the questionnaire. Secondary sources were utilized such as: books, articles, unpublished thesis and other printed resources related to the study that were used to support and strengthen the findings of the study. Descriptive statistics were used to analyze and interpret the data gathered such as: weighted mean to identify the average perception of the respondents. The findings of the study: The frequencies of the types of businesses are 20 (partnership), 18 (sole proprietorship), 2 (cooperative). The entrepreneurs are varied based on services, merchandising, and trading. The products are cold store, merchandising, bakery and restaurant. Those entrepreneurs operate in Bahrain from 8 to 20 years already. The capital ranges from 50,000 BD below up to 100, 000 BD above. Moreover, the common values of those entrepreneurs are for savings, for spiritual and for social. However, the traits of Indian nationals are basically industrious, hardworking, achievement oriented, persevering, self-awareness, decisive, committed, innovative, wide spending, and prefer moderate risk. The problems encountered were: a) stiff competition, b) lack of capital, c) High interest rate, d) absence of substitute products and e) poor advertisement, f) lack of government aid.

Keywords: Entrepreneurs, Indian national, sole proprietorship, partnership and corporation

## Value Relevance of Accounting Information: Pre and Post Adoption of International Financial Reporting Standards

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### Abstract

The study examines the value relevance of accounting information in the Nigeria capital market in the pre and post adoption of IFRS. Specifically, the study investigates the impact of book value per share, earnings per, firm size and dividend per share on share price. The study adopts the content analysis approach by analyzing the contents of the reported financial statements of companies from their past activities and then carried out statistical analysis on them. The data for the study were sourced from the financial reports of companies listed on the Nigerian Stock Exchange (NSE) between the 2008 and 2016 (pre- and pro-IFRS). The sample for this study consists of 25 companies selected using probabilistic stratified random sampling. This was chosen to avoid the subjectivity posed by non-probabilistic sampling methods or techniques. From the findings of this research, it can be inferred that accounting numbers are strong determinants of share price movement in both the pre and post the adoption of the IFRS. Consequently, the study recommends that the standard setting bodies should set guidelines and principles to constantly improve the financial and non-financial disclosures of listed firms.

# Effectiveness of Strategic Management Practices of Bahrain Defence Force Hospital in the Kingdom of Bahrain

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## Abstract

The purpose of this study was to assess the effectiveness of strategic management practices in Bahrain Defence Force in Kingdom of Bahrain. The study further determined the status and level of effectiveness of strategic management practices. Mean was used for descriptive analysis, while correlation analysis was used to determine if significant relationship existed between the status of and level of effectiveness of strategic management practices.

The study revealed that the overall assessment of the respondents for the status of strategic management in terms of management support, implementation, monitoring and evaluation, and control resulted as "Agree"; whereas for the effectiveness of strategic management practices resulted as "Effective". Furthermore, the study revealed that there was no significant relationship between the status and the level of effectiveness in terms of implementation, but there was a significant relationship between the status and the level of effectiveness in terms of management support, monitoring and evaluation, and control.

The study concluded that Bahrain Defence Force Hospital was applying effective strategies to improve their strategic management practices, but there were some weaknesses in their status that need to be improved.

**Keywords:** *strategic management, implementation, management support, control, monitoring and evaluation*

## Optimized Data security on Cloud: An Assessment

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### Abstract

Cloud Storage is one of the advantages of cloud computing. Enterprises and individuals store their data, pictures and other information in cloud i.e virtual servers. As cloud service providers (CSP) are third parties, cloud users fear about their data security. Hence, users should store their data in unreadable form in order to prevent unauthorized access. Obfuscation technique obscures data into unreadable form. The confidentiality of data is obtained by obfuscated data stored on cloud. For this reason, this research aims to propose a novel obfuscation technique ABSHcure (Addition, Binary, Shift, Hexadecimal obsCURE) algorithm to preserve confidentiality of data. ABSHcure Algorithm comprises of Add(), Binary(), Shift(), and Hexa() functions to obfuscate data. The ABSHcure obfuscates data with a key, generated by random generation algorithm. The performances of existing technique Base64 Encoding algorithm and the proposed ABSHcure algorithm are compared. The proposed ABSHcure technique obfuscates data with high speed than the Base64 Encoding technique.

Keywords: Cloud Storage, Obfuscation, Confidentiality, Data Security, Base64 Encoding

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## A Comparative Analysis Between the Old and New Traffic Rules in the Kingdom of Bahrain

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AMA International University - Bahrain

### Abstract

The study aims to assess and compare between the old and new traffic rules of the Kingdom of Bahrain in terms of traffic rules, violation and accidents. The research method was dependent on the restored data that was conducted in Bahrain with the General Directorate of Traffic. The research work was based on primary & secondary research methods – the primary method included using restored data. The secondary research method included information from articles, books, journals, magazines and newspapers. Based on the findings and the conclusion, the recommendations has been achieved by adopting a systems approach to road safety that emphasizes environment, vehicle and road user interventions, rather than solely focusing on direct approaches aimed at changing the behavior of road user.

Keywords: traffic rules, traffic violations, traffic accidents

## Managerial Effectiveness among Internal Auditors in the Private Educational Institutions in the Kingdom of Bahrain

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### Abstract

The study entitled "Managerial Effectiveness among Internal Auditors in the Private Educational Institutions in the Kingdom of Bahrain" dealt and sought answers for the following problems: level of managerial effectiveness in terms of planning, organizing, leading and controlling, level of contribution of the factors affecting internal auditor's performance, and degree of seriousness of the problems encountered by internal auditors. Specifically, the study used descriptive method of research with fifty (50) respondents – 25 males and 25 female internal auditors who were directly involved or connected with works and functions in the auditing, accounting and finance departments. Simple Random Sampling was used to determine the sample respondents. Questionnaire was mainly used as data gathering instrument. This was used to gather, collect and analyze data and was treated and interpreted using appropriate statistics. These were descriptive statistics for means and inferential statistics using t – test. The research then inferred that the level of managerial effectiveness among internal auditors in terms of planning, organizing, leading and controlling was Effective (E). On the level of contribution affecting the performance of internal auditors, it was described as Contributive (C) while the degree of seriousness of the problems encountered by these internal auditors was described as Serious (S). The result came after the statistical interpretation of the data taken from respondents and on basis of parameters included therein.

Keywords: Managerial Effectiveness, Internal Auditors, Finance, Controlling, Performance

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Agriculture Financing and National Economic Rebirth

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### Abstract

This study seeks to make certain if the current financing structure and options are sufficient for sustainable development in food security, agricultural valued chain and agriculture-related employment opportunity for Africa's most populous country- Nigeria. Using some notable statistical method of analysis such as Johansen Co-integration technique on the various financing options and some macroeconomic variables for the period 1981-2014, 40.8% of the systematic variations in the dependent variable were explained. This perhaps is an indication of defective conventional agricultural financing, which justifies the clamour for micro financial institutions' (MFIs) financing of the informal agriculture and pro-poor sector. On the basis of the aforementioned, we recommend among others, efficient multi-institutional networking to encourage policy extension for effective implementation of agriculture investment and other agribusiness-related policies.

Keywords: Sustainable Development, Agribusiness, Agricultural financing, Agricultural policy, Agricultural Labour market

# COLLEGE OF COMPUTER STUDIES (CCS)

## *Student's Thesis and Capstone Projects*

- SY2005-2006
- SY2006-2007
- SY2007-2008
- SY2008-2009
- SY2009-2010
- SY2010-2011
- SY2011-2012
- SY2012-2013
- SY2013-2014
- SY2014-2015
- SY2015-2016
- SY2016-2017
- SY2017-2018
- SY2018-2019
- SY2019-2020
- SY2020-2021
- SY2021-2022
- SY2022-2023
- SY2023-2024
- SY2024-2025



## Master of Science in Computer Science List of Thesis SY 2005-2006

Accession Number	Student Name	Thesis Title
2	Jassim Mohammed Al Hadi	Automatic mathematics test generating system for primary classes in government schools
18	Reem Marhoon	Kondor T / URBIS interface for Arab Banking Corporation
23	Thajba Al Jowder	Housing information system
32	Mohammed Hasan Fardan	Bahrain Road Planner based on artificial intelligence searching techniques (Heuristic Search)
35	Taha Jassim	Corporate intranet at Investors Bank, Kingdom of Bahrain
41	Khalid Rashid Moh'd Jalal	Data extraction from coins to win the Bahrain National Holding

## Master of Science in Computer Science List of Thesis SY 2006-2007

Accession Number	Student Name	Thesis Title
45	Abbas Hasan Al Mutawa	TCP/TSC : a new technique for network congestion algorithm
49	Deena Abbas Ghuloom Ali	Database-driven disabled Athlethes Information System of Bahrain Disabled Sport Federation (BDSF)
50	Alaa M. Al-Bahrani	Online International Computer Driving License (ICDL) training management system for Ministry of Education (MOE) Bahrain
51	Muneera Al-Nassari	An Online decision support system of Bahrain National Gas Company (BANAGAS) - Quality Services Division
52	Mohammad Mobashar Hossain	Developing a web based online learning environment and online course for AMA International University, Bahrain
61	Shamlan Ali Shamlan Alawad	N.A. Construction and Investment Company : a Virtual Local Area Network (VLAN) Architecture
62	Mohammed Ebrahim Yousif A.Rahman Ali	Enhanced Router Configuration and Administration using GUI Based Algorithm (ERCAGA)

## Master of Science in Computer Science List of Thesis SY 2007-2008

Accession Number	Student Name	Thesis Title
1	Felnita Villar Tan	URL STEALTH: AN INTERNET SECURITY UTILITY
53	Rawan Moosa	A Multimedia based interactive presentation of basic science for students with special education needs
63	Khader Ibrahim Mohammed Radaideh	A Computerized payroll system for Applied Science University, Juffair, Kingdom of Bahrain
64	Aysha Mohammed Mubarak Al Khater	Web-Based student performance monitoring system of AL Falah Private School
65	Saleh Ali Saleh Al Shehabi	An On-line E-Learning system for Bahrain Bayan School, Kingdom of Bahrain
66	Thoria Saad Darwish	An E-Job ticketing and monitoring system for Delmon University, Bahrain
67	Alaa Nazeer Mashaalla Shakeeb	E-Ticketing system of the Contravention Department in General Directorate of Traffic in Bahrain
68	Maryam Ali Al-Husaini	Net-Eyewitness - a help desk hotline solution
70	Mariam Al-Khater	A computerized laboratory monitoring system for the Computer Science Department of University of Bahrain
71	Wajeeha Ali Ghuloom	E-Commerce support services on mobile devices using XML as applied in Khaleej Finance and Investment

## Master of Science in Computer Science List of Thesis SY 2008-2009

Accession Number	Student Name	Thesis Title
81	Wesam Juma Ramadan Adwan	A Proposed Educational Computer Assisted Instruction System (ECAIS) in Chemistry subject for Grade 10 students of Al Taawon Secondary Boys School, Kingdom of Bahrain
82	Sameh Foulad	An Assessment of the effectiveness of the current Record Management and Diagnosis Procedure : basis for the proposed Patient Record Management and Diagnosis System
83	Hashimiya S. Kadhem Alawi	Grading and Test Evaluation System for Tulaitula Primary

		Girls School
84	Najma Al-Alawi	A Computerized testing module for fourth and fifth grade students of AL Rasheed Primary Boys School
92	Sarraa Essam Al-Barazngi	Decision Support System (DSS) for Academic Subjects Offering and Advising of Students At Ahlia University - Kingdom of Bahrain
96	Noel A. Pereira	Applied Just in time inventory tracking system for Jashanmal Company

### Master of Science in Computer Science List of Thesis SY 2009-2010

Accession Number	Student Name	Thesis Title
111	MANAL RAJAB	GEOTRACK : ONLINE VEHICLE GEOGRAPHICAL TRACKING SYSTEM IN THE KINGDOM OF BAHRAIN
112	GHADA A. AL FARDAN	PHP BASED ONLINE TRAINING COURSE MANAGEMENT SYSTEMS
113	FAHAD ABDULLA AL MUALLA	E BULLETIN BOARD: A UNIVERSITY TOUCH SCREEN KIOSK
106	JALEEL SHARAF	E-Business Web Portal for Real Estate Brokerage companies
119	AFRAH JAFFER AL ASFOOR	UNIVERSITY BASED SMS INTERACTION APPLICATION
120	ALAY SAYED HASSAN AL SHARAKHAT	E CLINIC : A PSYCHOLOGY NUTRITION AND DIAGNOSTIC SYSTEM IN THE KINGDOM OF BAHRAIN
165	MARAIM S. ABDULLA AL HUSSAINI	EDUCATION MANAGEMENT INFORMATION SYSTEM (EMIS) FOR AL RAWABI SCHOOL

### Master of Science in Computer Science List of Thesis SY 2010-2011

Accession Number	Student Name	Thesis Title
172	HAMAD MOH'D BASSAM NABHAN	REMOTE SYSTEM FOR ARABIAN GULF UNIVERSITY LOCAL AREA NETWORK (SPY REMOTE)
178	MUSTAFA SADIQ MOHAMMED	ONLINE JOB TRACKING SYSTEM
203	ZAINAB EBRAHIM	SMS ENABLED STUDENT INFORMATION SYSTEM
226	ZAHRA EBRAHIM	BAHRAIN INTELLIGENT DIRECTORY
227	GHADA A.RAHMAN AL MAHMEED	A KNOWLEDGE BASED SYSTEM FOR MOE STUDENT SERVICES DIRECTORATE

### Master of Science in Computer Science List of Thesis SY 2011-2012

315	KHALIFA A.RAHMAN AL GHATAM	HOME SECURITY SYSTEM PROTOTYPE
325	SARAH YOUSRE	VIRTUAL TEAM ONLINE SYSTEM

### Master of Science in Computer Science List of Thesis SY 2012-2013

Accession Number	Student Name	Thesis Title
345	MUNEERA ABDULLA AL FADHALA	DOCUMENT MANAGEMENT SYSTEM FOR PAPERLESS CAMPUS
384	AHMED MAHMOOD ALGHOUL(08600168)	GATE CONTROL SYSTEM
409	KHAWLA MOHAMMED ALTAEY	IMPROVING THE WORKFLOW THROUGH INCIDENT TRACKING SYSTEM(ITS)
416	WAEL SALEH HASAN	ELECTRONIC VOTING SYSTEM FOR THE KINGDOM OF BAHRAIN GOVERNMENT

### Master of Science in Computer Science List of Thesis SY 2013-2014

Accession Number	Student Name	Thesis Title
428	ABDULLAH ALQAISI	ONLINE UNIVERSITY ACCEPTANCE SYSTEM

### Master of Science in Computer Science List of Thesis SY 2014-2015

Accession Number	Student Name	Thesis Title
443	HUSSAIN MOHAMMED ALANSARY	WIRELESS NETWORKING IN BAHRAIN : CHALLENGES AND PROSPECTS

### Bachelor of Science in Computer Science List of Capstone Projects SY 2011-2012

Accession Number	Student Name	Project Title
658	AHMED JAMAL AL BINALI	MUSIC ANDLIGHT (L.C.C.) ONLINE EVENT MANAGEMENT SYSTEM
659	ZAKARIYA ABBAS RADHI	E GRADEBOOK

660	HAYA AL SUWAIDI	ONLINE FOOTBALL GAME ORGANIZING COMMITTEE SYSTEM
661	HAREB SALEM ALGHAFIRI, SALEH ALNOAIMI, ALI EBRAHIM ALGHANIM, ZAHRAA RADHI	SMS ENABLED ONLINE TICKET RESERVATION SYSTEM FOR DREAM TRAVEL OFFICE
662	JANICE SINAPUELAS, NAFISA IMTIAZ, ZALIKHA ABDULLA JASIM	ONLINE INTEGRATED RESTAURANT MANAGEMENT SYSTEM FOR MASHEE
719	AMAL HASSAN SANQOOR, NAJWA EBRAHIM HUBAIL	PATIENT MEDICATION INFORMATION SYSTEM
720	FATIMA MOHAMMED AL MANNAI	AN ACTIVE SCHOOL MANAGEMENT
780	ABDUL LATIF KARIM BAKHSH, NAYEF BARAKATULLAH KHORSHID	CLUB MANAGEMENT SYSTEM
781	ALI ISA AHMED AL EID, ANAS MOHD SALEM	VENDOR MANAGEMENT SYSTEM FOR NEW WAY TRADING COMPANY, KINGDOM OF BAHRAIN
782	ABBAS ALI, AHMED MOHD	ALBA ONLINE TRAINING COURSE REGISTRATION SYSTEM
783	NAWAF NAJI ALNAJIM, HISHAM HASSAN BAHAZZA	MANAGEMENT SYSTEM FOR BAHRAIN FOOTBAL CLUB, KINGDOM OF BAHRAIN
784	ONLINE BULLETIN BAORD SYSTEM	ONLINE BULLETIN BOARD SYTEM
785	MOHAMMED TAHA HUSSAIN, LYLA HASSAN KADHEM	APARTMENT MANAGEMENT SYSTEM

### Bachelor of Science in Computer Science List of Capstone Projects SY 2012-2013

Accession Number	Student Name	Project Title
853	EMERSON GOTENCIO, JUAN CALO LAGAN	IMAGE CRYPTOGRAPHY USAGE (ICU)
854	AHMED ANWAR ABDULLA, MOHAMED EBRAHIM ALOWFI, MOHSEN JAFFAR MOHSEN AL TAITOON	BAHRAIN AUTO PART ONLINE SHOPPING
855	OSA SAQER MOHAMED, MOHAMED MAHMOUD SAID AHMED	SPEED NOTIFICATION SYSTEM (SNS)
856	ALI MAHMOOD ABDULLA, SAYED ALI NAZAR ALI. FARDAN HUSAIN FARDAN(09500422)	MOBILE INDOOR NAVIGATION SYSTEM
857	BADER FAROOQ ALHAJERI, FUAD MOHAMMED ASHRROOQI, ABDULLA KHLAID MUHAMMED	AMA UNIVERSITY ANDROID APPLICATION
858	AHMED FOUAD RADWAN (08501621), AMIN ALI HUSSIEN, MOHAMED JASIM AHMED AL QANEA	LED INTENSITY GRID HIGHWAY TRACKING AND SURVILLANCE SYSTEM
859	ZAHRA DHEYA SHARAF	DEVELOPMENT OF AN INFORMATION SYSTEM FOR FLEX GYM CENTRE

860	FATIMA MOHAMMED ABDULLAH	POLICE STATION TRAFFIC ACCIDENTS MANAGEMENT SYSTEM
912	RAED MALALLA (06501071)	ONLINE AUTOMOBILE SERVICE SYSTEM
913	ANA CHARMANE G. GINETE	HOTEL ROOM LOCATOR
917	AHMED MOHD HUJAIR,HAMED MAHMOOD ALMARHOON(06500472)	ONLINE CINEMA BOOKING SYSTEM
918	ALI DARWISH,SANNAN SHAHID	A MOBILE APPLICATION FOR CAR TROUBLE SHOOTING
919	ALI DARWISH ASAD	EMBEDDED PROTOTYPE SYSTEM FOR VISUAL NETWORK INTRUSION DETECTION
920	HAMEED ALI MOHAMED(09500554), HUSSAIN RABEA,MOHAMED JAFFER ALWANNI	SPORTS MEDIA ANDROID APPLICATION
921	YOUSIF HAJI ALMARZOOQI,EMAN ALI HUSAIN JUMA, SHAHDOOR ALBAOOSHI,LATIFA KHAMIS JASIM, MOHAMED JASIM ALJABAN	ONLINE PROPERTY CLASSIFIED ADVERTISING SYSTEM
994	NOORA MAJEED AL-NAJJAR	PARLIAMENTARY E-LAW SYSTEM FOR THE SHURA COUNCIL OF BAHRAIN
995	MARYAM ABDULRASOOL YUSUF	SMART CLASS SCHEDULE SYSTEM FOR THE AL A'HAD AL ZAHER SECONDARY SCHOOL
996	RAWAN MOOSA FARHAT(BH09500574), ZAHRA ALI AHMED(BH09500636), ZAHRA MOHAMED(BH09500621)	ONLINE ABAYA STORE MANAGEMENT SYSTEM

**Bachelor of Science in Computer Science List of  
Capstone Projects SY 2013-2014**

Accession Number	Student Name	Project Title
1060	ZAINAB A.NABI ALBANNA	ONLINE MANAGEMENT SYSTEM FOR AL-RASAAEL DENTAL CLINIC
1061	ABDULLAH ALI ALDAWOOD(BH06500536), MOHSEN SHUKRALLA MOHAMMED(BH05502187)	REAL TIME INVENTORY CONTROL SYSTEM
1062	SAYED HUSSAIN ALI ALAWI(BH08500374)	COMPUTER TERMS DICTIONARY
1063	ALI JASSIM(BH09500341), HUSSAIN MOHAMMED(BH09500387), MOHAMMED HABIB(09500479)	GARAGE INVENTORY INFORMATION SYSTEM
1064	ZAHRA AHMED HABIB(BH08500482), MANAL AHMED ASHOOR(BH08500626), ZAINAB	HUMAN RESOURCE INFORMATION SYSTEM

	SAYED HAIDER JAWAD(BH08500544)	
1065	MOHAMMED SAEED SAADALLA(BH09500481), ABDULLA FUAD KHALIL KHAIRI(BH09500330)	BLOOD BANK INFORMATION SYSTEM FOR BAHRAIN DEFENCE FORCE HOSPITAL
1066	AAMER ABDULLA MOHAMED ALMANSOORI(BH07501009)	SHORTEST ROUTE GUIDANCE SYSTEM
1067	HANAN ABDULRAZAQ MOHAMMED ALI(10500413)	ANDROID HOME AUTOMATION SYSTEM
1078	KHADIJA ALI ALMUWALI(BH09501377), JASSIM ,MOHAMMED JAFFAR(BH08500226)	EMPLOYMENT TRACKING SYSTEM
1079	AHMED MOHAMMED REDHA	AUTOMATED PAYROLL SYSTEM
1103	ABDULALLQADER WADEA AL ARABI(BH08500717), KHALIL MOHAMMEED IBRAHIM AL BUKHARI(BH08501408)	ONLINE E-BUSINESS FOR USED BOOKS
1104		STORE MANAGEMENT SYSTEM
1105	SAYED MAJED MURTADHA(BH07501246), MOHAMMED ABDULLA NASAIF(BH09500541), MOHAMMED HUSSAIN(BH09500689)	REMOTE HOME CONTROL AND MONITORING SYSTEM(RHCMS)
1106	ALI KHALIL HAJI, MAHMOOD MOHAMED ALI	LIBRARY MANAGEMENT SYSTEM
1107	AMMAR MOHAMED ZAINAL, AHMED ABDULRAHMAN AL-MOHANA	MEDICAL INFORMATION SYSTEM
1108	SAYED MOHAMMED JAFFER(BH08500570), AHMED JABER ALF-ARDAN(BH08500303), SAYED HAMZA SAYED HASHIM(BH07500418)	INTEGRATED CLINIC SYSTEM
1137	MARIAM A.RAHMAN(BH09500009), SA'ADIA SIRAJULLA(BH09500560)	BAHRAIN ONLINE AUCTION SYSTEM
1150	MAITHA SAEED AL- FAIHANI(BH08501490), SARA HAMAD JASIM(BH09501347)	MAJESTIC ALUMINUM TRANSACTION PROCESSING SYSTEM
1151	BADER GHAZI AHMED(BH09500674)	CLUB MANAGEMENT SYSTEM
1152	OSAMA SAMEER ABDALLAH(BH07501418), HUSAIN MOHAMMED JAWAD(BH07500210), OLA ALI KHALIL(BH07500022)	HUMAN RESOURCES MANAGEMENT SYSTEM(HRMS)
1162	ABDULLAH KHALIFA HUSSAIN(BH09500587), AHMED	3D ARCHITECTURE DESIGN OF AMAIUB CAMPUS

	ABDULLA ESSA(BH08501608)	
1168	HUSSAIN ALI AHMED(BH09500517)	ONLINE MEDICAL INFROMATION SYSTEM
1205	HASSAN YOUSUF ABDULLA ISMAEEL (BH07501229)	LICENSE TRACKING SYSTEM FOR THE OFFICE OF KINGDOM BAHRAIN
1227	COMPUTERIZED EMPLOYEE ASSESSMENT AND APPRAISAL SYSTEM FOR MINISTRY OF INTERNAL AFFAIRS	ISMAEEL GHULOOM MOHAMED GHULOOM (BH09501476), FAJER FAWZI NASER JUNAID (BH09500939)
1229	ONLINE EXHIBITION TABLE TRSERVATION SYSTEM (ETRS)	SAJEDA ABDULLA HASSAN (BH09500545)
1231	ADNAN AL ALAWI (BH10500291), YOUSEF KHALID TAYEB (BH08500244)	DATA ARCHIVING SYSTEM
1238	AHMED ADEL JASSIM ALANSARI (BH09500993), RASHED KHALID ALJOWDER (BH0851570), ALI YAQIOOB MOHAMMED YUSUF (BH09500490)	ONLINE TRAINING COURSES MANAGEMENT SYSTEM
1252	FATIMA ABDULLHASSAN YASEEN (BH10500308)	AN ANDROID APPLICATION FOR HEALTH CARE SYSTEM
1256	AYSHA ABDULLA MOHAMED (BH09500542), ASMA AHMED ALMUTAWAA (BH10500498)	AN ANDROID APPLICATION FOR FACULTY APPOINTMENT
1264	NADEEN FAISAL AL ALAWI (BH10500104), ZAINAB ABD.ALI MAKKI (BH10501286)	A PATIENT TRACKING AND MANAGEMENT SYSTEM FOR JASSIM KANOO HEALTH
		CENTER (PTMS)
1269	DIMA DARAJ (BH10500172), MOHAMMED BABBILI (BH09500783)	JACKI THE INTELLIGENT JACKET FOR THE BLINDS
1270	ALI TOOQ (BH10500477)	HIGH REDUNDANCY AND LOW COST NETWORK FOR BRIDGE COMPANY
1271	EBRAHIM ALI AMIN (BH05502188), MOHAMMED EBRAHIM DARAJ (BH06500329)	NIC STORE MANAGEMENT SYSTEM
1286	MOHAMMED ADEL ALNOAIMI(BH08501120), AHMED MOHAMMED SAEED ALRAHO (BH07501291), EBRAHIM MOHAMMED (BH09501113)	MEDICAL STORE MANAGEMENT FOR AL-NOOR PHARMACY

**Bachelor of Science in Computer Science List of  
Capstone Projects SY 2014-2015**

Accession Number	Student Name	Project Title
1312	AHMED ABDULWAHAB MOHAMED (10501103), KHALID ADEL MOHAMED (10500719)	AJC BUSINESS MANAGEMENT SYSTEM
1317	AKHTAR HUSSAIN SHAIKH (07501243)	WEB PEN TESTER : AUTOMATIC WEB VULNERABILITY ANALYZER
1320	KHALID ABDULLA ABDULKARIM (10500631), MOHAMMED YOUSIF AL SAAD (10500339)	SHOP AND STAFF MANAGEMENT SYSTEM (SSMS)
1321	SHATHA JALIL SHABIB (10500635)	UNIVERSITIES IN BAHRAIN ANDROID MOBILE APPLICATION
1322	MOHANAD ANWAR ABDULLA (09500073), BELAL HASSAN ABDULLA (09501561), MAHMOOD JAMEEL AL SAIRAFI (09501139)	A PROPOSED MANAGEMENT INFORMATION SYSTEM FOR ALBA (PMISA)
1323	ALI EBRAHIM (08501022), ALI ABDULLA (09501010)	BUDGET CONTROL APPLICATION SYSTEM (BCAS)
1342	AMNAH ABDULRAHMAN BULGHASEMI (10500090), MARIAM AHMED ABDULLA ALI (10500209), ZAHRA JAAFAR ALMATAGWI (10501263)	A SMART PHONE APPLICATION FOR PRESENTERS (SPAP)
1343	MOHAMMED NAYEF AL RIFFAIE (09500540), YOUSIF GHADEER (07501010)	A MOBILE APP FOR HAJJ AND OMRA GUIDANCE AND RESERVATION
1345	MARIAM ALKHATER (09500484), SAFIYA THANI (08500022)	TIME TRACKING SYSTEM (TTS)
1347	MOHAMMED NAJEEB BUALI (07500502), MUATH ABDULLA MOHAMED (08501099)	RADIO -FREQUENCY IDENTIFICATION (RFID) CAR PARKING ACCESS CONTROL
1352	AYSHA SAAD MOHAMMED (10500050), HASSAN ABDULLAH HAMZA (09501479)	ONLINE SHOPPING SYSTEM
1376	ALI HASSAN HASSAN (10500805), ABDULAZIZ EBRAHIM (10500446)	SHOWROOM & TRAFFIC REGISTRATION SYSTEM
1387	ALMONTHER SHARIF (10500746), MOHAMMED JAMAL (10501600)	ONLINE PAYMENT GATEWAY SYSTEM

1388	ABDULLA EBRAHIM JASIM MERJEN (10501406), HESSA EID EBRAHIM RASHED ALHUSAINI (10500017)	PROJECT MANAGEMENT TOOL
1389	S.HASHEM MOHAMED ALMUSAWI (09501161), HUSSAIN ALI HASAN (10501593)	SOCIAL MARKETING SYSTEM (SMS)
1390	JAWAD MOHAMED (10501596), EBRAHIM ALSABBAGH (10500461)	TAMKEEN PROFESSIONAL CERTIFICATE SYSTEM
1391	ALI MOHAMED ISA ABUIDREES (10500546), SAYED KALEEM SAYED HASHIM (10500713)	ONLINE JOB APPLICATION SYSTEM
1393	BADER ALI ALHAKEEM (10501607)	ORGANIZATION COMMUNICATION SYSTEM: AN ANDROID APPLICATION FOR EASY COMMUNICATION
1406	YASER HASAN ALI AI-ISA (10501771), KHALED WAHEED THANI (10500757)	TRAVELER PACKAGE SYSTEM
1407	MUNTHON ISA AL-HAJERI (09500877), ABDULLA ISA KHAMIRI (09501625), MOHAMMED ABDULLA DARWISH (09500258)	TRAFFIC CONTROL SYSTEM (TCS)
1408	SHAIKHA ISA AJLAN (10500607), SAHAYER ABDULLA ALMUDAHKI (10500023)	WEB BASED VEHICLE SERVICE MANAGEMENT SYSTEM FOR SERVICE CENTER
1410	ADNAN JASIM ALI NASER BUJANDAL (07501101)	AUTOMATED LIBRARY MANAGEMENT SYSTEM FOR PHILIPPIN SCHOOL BAHRAIN
1412	MOHAMMED ABDULAZIZ (07500713), AMEEN AHMED (07501148)	HOSPITAL MANAGEMENT SYSTEM (ALNOOR HOSPITAL)
1418	MARIAM RASHID ALSUBAIE (09500291)	ALNOOR CHARITY AUTOMATED SYSTEM
1434	AHMED FAHAD ALQASSAB (10501726), ABDULRAHMAN SAAD ZAID (10500825)	ONLINE TAILOR MANAGEMENT WEBSITE
1435	AHMED ABDULRAHMAN ALOMAR (08500875)	R.P.G. CLOTHES CRAFTING ADDON
1437	MAHMOOD SHAKER (09500263), YUSUF TAHER (10500375)	EASY WAYS POINT OF SALE (PoS) SYSTEM
1438	FATIMA ALI HASSAN AHMED (09500928), MAHMOOD ABDULLA AHMED (08501275)	A MOBILE APPLICATION FOR KIDS

1442	NAYLA MOHAMMED ABDULLA (10500073), AMEENA ISA RASHID (09500508)	SPEND LESS
1443	MARYAM ABDULLA ALSHOWAIKH (10500996), SEDDIQA ABDULHUSSAIN EDREES (10501055)	TRAFFIC VIOLATION NOTIFICATION AND PAYMENT SYSTEM (TVNPS)
1444	SAUD KHALIL GHADEER (10500753), SALMAN SAIF ALSUBHI (10500177)	VISITOR'S PERMISSION AND GATE PASS : A MOBILE APPLICATION
1445	ALIA EBRAHIM ABDULLAH ALWARDI (10501502), DURRA ANWAR ALANSARI (10500074)	CLINIC MANAGEMENT SYSTEM
1448	MANAR MOHAMMED ZAYED (10501668)	STORE HANDLER SYSTEM
1451	BASMA THAMER ALREEFI (10501567)	RESTAURANT BOOKING WEBSITE
1453	AHMED EBRAHIM HASSAN (10501582), MOHAMMED MAHDI HASSAN (10500586)	WORK ORDER TRACKING SYSTEM

### Bachelor of Science in Computer Science List of Capstone Projects SY 2015-2016

Accession Number	Student Name	Project Title
1480	MAHAMED YAQOOB ALMAJED (09500782)	ONLINE TENDERING SYSTEM
1484	HESSA ALI QAMBER (10501740), ISA BUKHAMAS (10500438)	BIG HEART EVENTS
1485	ZAINAB ALMOSAWI (10500748)	MOVIE-RAME MOBILE APPLICATION
1486	SARA OBAIDAT (10500075)	TAXI BOOKING ANDROID APPLICATION
1487	JOMANA ALSHAIKH (13500634), ZAINAB AHMED (10501043)	TEAM MANAGEMENT SYSTEM (TMS)
1488	CLIFFORD T. ORJALIZA (09500049)	POINT OF SALE SYSTEM WITH FINGERPRINT AUTHENTICATION FOR DANIAH RESTAURANT
1489	MARIAM AHMED ABASS ALRABEEA	LEARN SIGN LANGUAGE
1492	MOHAMMED A.HAKEEM HASSAN (10500323), SHOOQ KHALID AHMED (10500568)	HOSPITAL MOBILE SYSTEM
1493	FATIMA FADHEL S.ALI (10501345)	ONLINE FOOTBALL TICKET MANAGEMENT SYSTEM
1494	MARIAM JAWAD EBRAHIM MARHOON (10501137)	ONLINE LOCAL BOOK STORE
1514	YOUSIF AHMED M. KAZANI (08501363), ABDULLA A.AZIZ BUKHAMMAS (08500213)	IM STUDIO APP

1515	WALEED OBAIDAT (10500818)	RE-ENGINEERING CAMPUS-WIDE INTERNET TELEPHONY USING VOICE OVER INTERNET PROTOCOL
1516	MOHANAD ABUSABT (08501583), HAMAD RAJAB (10501067)	GESTURE BASED LEARNING
1517	HUSSAIN FADHEL ALI (08500767), HUSSAIN ABDALI ALI (08500102)	SMART MENU
1519	ADRIAN MANCIA (07501342)	ANDROID RSS READER
1539	AHMED HAMEED HASSAN SULTAN (09500264), AHMED MOHAMMED AHMED (09500538)	STUDENT GRIEVANCE MANAGEMENT SYSTEM
1541	ROMMEL JAMES H. ABAD (10501696), ESSA EMMANUEL R. JARANILLA (10501767), ROMIER GLENN G. QUINTO (10501738)	MOBILE E-COMMERCE APPLICATION FOR YELLOW RIBBON BAKERY
1542	JUHAINA SAYED HASAN AL-WEDAEI (10500949)	PIPELINE LEAK DETECTION SYSTEM (PLDS) HUMAN MACHINE INTERFACE
1543	MOHAMMED NURUDDIN (09501213), HAMEEDA A. ALI (10500588)	AMA STUDENT MOBILE APPLICATION
1545	MOHAMMED ALARADI (09500499), MOHAMMED JAWAD (09501292)	MEDICATION REMINDER APPLICATION
1546	FATIMA MANDI (10501808), NAJLA SHAWQI (10500580)	MATERNITY CARE MANAGEMENT SYSTEM
1547	AHMED MOHAMED ABBAS (08500366)	AFID PARKING SYSTEM

### Bachelor of Science in Computer Science List of Capstone Projects SY 2016-2017

Accession Number	Student Name	Project Title
1582	HAMAD ALSHAMSI (10501444)	DISTRESS CALL APPLICATION SYSTEM (DCAS)
1585	ARWEN RACHEL GARCIA (12500009)	AMA INTEGRATED SYSTEM
1621	FATIMA MOHAMMED MALALLAH (10500183)	ONLINE SURVEY SYSTEM
1622	AYSHA A. AZIZ ALI (10501746) SAKEENA ALAMIN HAMDAN (10501196)	SALON APPOINTMENT SYSTEM
1623	FATIMA JAFFAR MADAN (12500397)	MEDIQUIP MANAGEMENT SYSTEM
1624	WADEEA S. SAEED EBRAHIM (10500843)	WAR ZONE MANAGEMENT SYSTEM

1625	NDIM MOHAMMED ABDULGHANI (12500047) RAED ALARADI (12500005)	IT NETWORK INFRASTRUCTURE FOR SME: MODEL
1626	ABRAR OSAMA ALI (09600010)	SECURE CONTACT SYSTEM WITH AES
1627	EBRAHIM FADHEL MIRZA (09500537) YOUSAF ASSADULLAH KHAN (10500665)	AUTOMATION OF GCC COMMERCIAL REGISTRATION RENTAL CONSULTANCY SERVICE
1649	KEFAH FUAD GHAREEB (10501519)	IT SOLUTION (INVENTORY MANAGEMENT SYSTEM)
1658	ABDULRAHMAN JASSIM (12500262), NAYEF BURESHAI (10501773)	ONLINE FOOD ORDERING SYSTEM
1660	OSAMA SAMEER ALAMUDDIN (10501685)	ONLINE BANKING SYSTEM

### Bachelor of Science in Computer Science List of Capstone Projects SY 2017-2018

Accession Number	Student Name	Project Title
1689	FATIMA DHEIF ALLAH (12500543), SARA ALI ALMANNAI (12500326)	KIDS CARE MANAGEMENT SYSTEM (KCMS)
1690	HUSSAIN KHALIL JAFFAR (13500359), EBRAHIM ALI SALMAN (13500433)	MATRIX SOLVER
1691	ALI ABDULREDHA ALI MOHAMMED ALI (14500207), FAISAL KHALIL EBRAHIM BADER (13500331)	BAHRAIN RECREATIONAL SERVICES (BRS)
1692	FATEMA ALI ABDULLA (13500351), RADHI	E-HOUSEKEEPING SERVICE SYSTEM
	EBRAHIM ALSAEGH (12500270), ZAINAB A.ALHADI QAMBAR (12500471)	
1699	NOORA SHWAQI SALAMN (13500411), FATEN ZAINAL (12500091)	NUTRRITIONAL QR
1700	S.QASIM REDAH (12500512), ALI MOHAMMED (12500359)	AMA CLASH REGISTRATION SYSTEM
1701	AMMAR ABDULHAKEM (10500731)	CARS SHOWROOM ANDROID MOBILE APPLICATION
1711	QASIM TALEB (12500267), S.AHMED MOHAMMED (12500236)	AMA STUDENT SUPPORT SYSTEM
1712	ALI JAFFAR ABDULKARIM (09501280)	PHARMACY AUTOMATION SYSTEM

1713	MONTHER EBRAHIM SALMEEN (13500602), ABDULLA METEB ALTHAWADI (13500568)	E-PERMIT
1737	ALIYA ISA ALMAHMEED (13500734), SARA RASHED ALBUAINAIN (13500792)	BEAUTY SALON RESERVATION SYSTEM
1751	HESSA HAMAD MOHAMMED (12500410), AYSHA HASAAN MATTAR (13500045)	HEALTH MEDICAL CHARITY (HMC)
1752	NAJAT MOHAMMED AL SAEEDI (10501703)	LIBRARY SYSTEM
1753	ACE RUSSELL S. CLEOFAS (12500566), ABIJAH FALLARIA (13500268)	PARKING LOT DATABASE SYSTEM (PLDS)
1754	KHALID MAROOF (09501380)	MOBILE APPLICATION FOR ELDERLY/SENIOR CITIZENS BUYING ONLINE
1755	HANAN ABDULLA ALDOSSARY (12500172)	SCHOOL MANAGEMENT SYSTEM
1800	ROQAYA SALIM ABDULLA (13500668), AISHA KHALIFA HASSAN (10501275)	FLORISTSHOP WEP APP
1816	Sairam Kethan Poosarla (13500511)	CASCADE AUGMENTER
1817	MOHAMMED TAWFEEQ (13500766) AL RUD MARC DWENOUH CANAS (13500973)	ELECTRONIC LIBRARY FOR THE PUBLIC (EPL)
1818	Mariam Mohammed (12500316) Hanan Abdulla (12500172)	School Management System
1819	MICHAL JASMINE PECHON (13500880)	TWO-WAY VOICE LANGUAGE TRANSLATOR
1820	JEN LOICE DAVID MATEO (13500650)	ONLINE BOOKSTORE FOR USED BOOKS

### Bachelor of Science in Computer Science List of Capstone Projects SY 2018-2019

Accession Number	Student Name	Project Title
1848	ALI HASAN EBRAHIM ALHAFEDH (13500922)	SECURE CHAT SYSTEM
1849	MARIAM MOHAMMED (13500396), RASHA SALEH (14500175), NANCY MAHMOOD (14500011)	ENHANCING BAHRAIN'S MEDICAL SYSTEM USING RFID TECHNOLOGY

1850	JEGER LIAN K. ASLAZAR (14500708)	UNIVERSITY STUDENT BLOG FORM
1851	HUSSAIN ALI MOH'D (12500322), SAYED MOHAMMED ALKAMEL (12500423), HAIFA EBRAHIM ALQAED (13500107)	GYM MANAGEMENT SYSTEM
1899	MOHAMMED SAMEER (12500066), HAMED ALMAHMOOD (12500107)	Design and Development of GCC Healthcare Clinic Management System
1900	UMKOLTHOOM JAWAD AHMED (13500834), MUNA YUSUF AL-SAAD (14500771)	CAREER MANAGEMENT SYSTEM FOR VISUAL IMPAIRED PEOPLE (HEART VISION)
1901	NAJAM LLYAS MOHAMMAD (14500765), MUDDASSAR ASIF SARWANI (14500161)	SMART PILGRIMAGE MANAGEMENT SYSTEM (SPMS)
1902	Abdulla Abdulaziz Alkaabi (13500199), Khaled Jasim Alsabbagh (14500159)	University Campus Indoor Navigation for Android Devices using Augmented Reality and A* Search Algorithm (UCIN) A Research
1903	Hassan Abdulla Hassan (14500927), Jassim Mohamed Juma(12500027), Masoud Ahmed Masoud (13500603)	Android Mobile Application Development "Smart Rental"
1904	FARHAN AHMED (13500816)	CASH-ON-GO FINGERPRINT ATM SYSTEM
1905	Isa Ahmed AlBinali (10501760)	Design and Implementation Website for Football Management System
1993	ASMA SULIMAN ABDULLA (15500631)	E-PHARMACY MANAGEMENT SYSTEM
1994	FATIMA MOHAMMED HASSAN (13500717)	MEMORY BOOK APP
1995	MARIAM A-HADI ALSAFFAR (13500350), ZAKEYA ALAWI ALMOSAWI (13500401)	A WAY TO MANAGE YOUR CART IN SHOPPING WITH QR SCAN
1996	MICHAEL ANTHONY D. PANGANIBAN (14500352), MOHAMMED NATITH KHALIL (13500518)	SPECIAL COMMUNICATION TOOL FOR THE DEAF
1848	ALI HASAN EBRAHIM ALHAFEDH (13500922)	SECURE CHAT SYSTEM
1849	MARIAM MOHAMMED (13500396), RASHA SALEH (14500175), NANCY MAHMOOD (14500011)	ENHANCING BAHRAIN'S MEDICAL SYSTEM USING RFID TECHNOLOGY
1850	JEGER LIAN K. ASLAZAR (14500708)	UNIVERSITY STUDENT BLOG FORM
1851	HUSSAIN ALI MOH'D (12500322),	GYM MANAGEMENT SYSTEM

	SAYED MOHAMMED ALKAMEL (12500423), HAIFA EBRAHIM ALQAED (13500107)	
1899	MOHAMMED SAMEER (12500066), HAMED ALMAHMOOD (12500107)	Design and Development of GCC Healthcare Clinic Management System
1900	UMKOLTHOOM JAWAD AHMED (13500834), MUNA YUSUF AL-SAAD (14500771)	CAREER MANAGEMENT SYSTEM FOR VISUAL IMPAIRED PEOPLE (HEART VISION)
1901	NAJAM LLYAS MOHAMMAD (14500765), MUDDASSAR ASIF SARWANI (14500161)	SMART PILGRISMAGE MANAGEMENT SYSTEM (SPMS)
1902	Abdulla Abdulaziz Alkaabi (13500199), Khaled Jasim Alsabbagh (14500159)	University Campus Indoor Navigation for Android Devices using Augmented Reality and A* Search Algorithm (UCIN) A Research
1903	Hassan Abdulla Hassan (14500927), Jassim Mohamed Juma(12500027), Masoud Ahmed Masoud (13500603)	Android Mobile Application Development "Smart Rental"
1904	FARHAN AHMED (13500816)	CASH-ON-GO FINGERPRINT ATM SYSTEM
1905	Isa Ahmed AlBinali (10501760)	Design and Implementation Website for Football Management System
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1995	MARIAM A-HADI ALSAFFAR (13500350), ZAKEYA ALAWI ALMOSAWI (13500401)	A WAY TO MANAGE YOUR CART IN SHOPPING WITH QR SCAN
1996	MICHAEL ANTHONY D. PANGANIBAN (14500352), MOHAMMED NATITH KHALIL (13500518)	SPECIAL COMMUNICATION TOOL FOR THE DEAF
1851	HUSSAIN ALI MOH'D (12500322), SAYED MOHAMMED ALKAMEL (12500423), HAIFA EBRAHIM ALQAED (13500107)	GYM MANAGEMENT SYSTEM
1899	MOHAMMED SAMEER (12500066), HAMED ALMAHMOOD (12500107)	Design and Development of GCC Healthcare Clinic Management System
1900	UMKOLTHOOM JAWAD AHMED (13500834), MUNA YUSUF AL-SAAD (14500771)	CAREER MANAGEMENT SYSTEM FOR VISUAL IMPAIRED PEOPLE (HEART VISION)
1901	NAJAM LLYAS MOHAMMAD (14500765), MUDDASSAR ASIF SARWANI (14500161)	SMART PILGRISMAGE MANAGEMENT SYSTEM (SPMS)

1902	Abdulla Abdulaziz Alkaabi (13500199), Khaled Jasim Alsabbagh (14500159)	University Campus Indoor Navigation for Android Devices using Augmented Reality and A* Search Algorithm (UCIN) A Research
1903	Hassan Abdulla Hassan (14500927), Jassim Mohamed Juma(12500027), Masoud Ahmed Masoud (13500603)	Android Mobile Application Development "Smart Rental"
1904	FARHAN AHMED (13500816)	CASH-ON-GO FINGERPRINT ATM SYSTEM
1905	Isa Ahmed AlBinali (10501760)	Design and Implementation Website for Football Management System
1993	ASMA SULIMAN ABDULLA (15500631)	E-PHARMACY MANAGEMENT SYSTEM
1994	FATIMA MOHAMMED HASSAN (13500717)	MEMORY BOOK APP
1995	MARIAM A-HADI ALSAFFAR (13500350), ZAKEYA ALAWI ALMOSAWI (13500401)	A WAY TO MANAGE YOUR CART IN SHOPPING WITH QR SCAN
1996	MICHAEL ANTHONY D. PANGANIBAN (14500352), MOHAMMED NATITH KHALIL (13500518)	SPECIAL COMMUNICATION TOOL FOR THE DEAF

### Bachelor of Science in Computer Science List of Capstone Projects SY 2019-2020

Accession Number	Student Name	Project Title
2048	HUSSAIN ASHOOR AL-DERAZI (14500241)	IMPROVED LIBRARY SYSTEM USING DATABASE AND RFID
2049	SHARIFA RASHID ALI (15500937)	HOME CARE NURSING SERVICE APPLICATION (HCNSA)
2050	KAWTHER ALI JASIM (13500216), SARMAD NADEEM (15500134)	E- COURIER APPLICATIONS
2051	YUSUF ADEL ALI (14500317)	LIVE KITCHEN MOBILE APPLICATION FOR RESTRAURANT WITH NUTRITION FACTORY
2052	ABDULLA ALI ABDUILHAMEED (15500765), BADER ALSHUROOQI (14500490)	PRESSURE SORE PREDICTION AND PREVENTIVE SYSTEM
2053	ABDULLA MOHAMD YOUNIS (13500872)	WEB BASED SWEET WATER SUPPLY MANAGEMENT SYSTEM
2054	ABDULLA ADEL KHAMIS (15500228), MAHMOOD HASSAN ALI YASEEN (12500554)	LOCATION BASED USING SMART GROCERY SYSTEM
2055	BUSHRA YUSUF ALMALKI (14500634) EMAN ALI AHMED (15501027)	IDONATE CHARITY APPLICATION
2056	HASAN JABER AHMED (14500885), ABDULLA HASAN ALI (15500568)	EMPLOYEES ATTENDANCE SYSTEM

2057	ALI MOHD ABDULLA ALI (15500585), ALI ABDULREDHA (15500933)	BUSTECH.BH
2058	SAYED HUSSAIN FALAH ALAWI (15501044) HUSSAIN ABBAS AL SHAIKH (15500941)	ONLINE FLEXIBLE DIET CLINIC (OFDC)
2059	JANAH SHAHEEN ALNOAIMI (15500076) HESA AREF MOHMED (155000761)	PHOTO ME ONLINE PHOTO RESERVATION APPLICATION

### Bachelor of Science in Computer Science List of Capstone Projects SY 2020-2021

Accession Number	Student Name	Project Title
2060	HUSSAIN ABBAS AHMED	RENT A PROPERTY
2061	ALI EBRAHIM SALMAN AJLAN (15500526)	A MOBILE DATA SYSTEM FOR SITE LINE CONTRACTING
2062	MOHAMMAD AL MUFTI (14500426) MAHER AL MUFTI (14500491)	ETHICAL HACKING CAPTURE THE FLAG
2063	ALI ISA (15501116) ALI JAMEEL (15501048)	ONLINE STORE
2064	IAN JOSEPH FRANCO (16500316), EBRAHIM KHALIL (16500435)	ANDROID TIME MANAGEMENT AND MESSENGER MOBILE APPLICATION
2065	AHMED SAMI RADHI (17500739), AHMED MOHAMED OSMAN (16500425)	ONLINE CHARITY FUNDRAISING AUCTION SYSTEM
2066	DUAJ JAAFAR (14500554)	BAHRAIN TOURISM APPLICATION
2067	HUSAIN ISMAEEL HASAN (16500613), ALI MOHAMMED ALTAJER (16500779)	SCAM FIGHTER APPLICATION

### Bachelor of Science in Computer Science List of Capstone Projects SY 2021-2022

Accession Number	Student Name	Project Title
2068	SAYED ALI TAYEB ALQALLAF (17500745)	RECOMMENDATION SYSTEM (RECOMMEND IT)
2069	MISHAL KHALIFA RABIA (15500387), AMNA HUSSAIN JAFFAR (17500618)	SECURITY SOLUTION SUPPLIER SYSTEM
2070	FAHAD NAEEM (14500982)	ONLINE PSYCHOLOGICAL COUNSELLING SYSTEM
2071	SAYED MOHAMMED HASSAN MOHAMMED (14500165)	SPA RESERVATION SYSTEM
2072	KHALIFA SHAHEEN YAQOOB	SCHOOL MANAGEMENT SYSTEM

	(17500728), WAEL HABIB ALNOWAIN (15500789), SAYED ALI YASEEN ABDALLA (18500430)	
2073	JEHAN NOOR (15500691)	EFFECTIVE SYSTEM FOR ONLINE SHOPPING
2074	RAHMA MAKI MOHAMED (19500607)	MEASURING SECURITY THREATS IN USING A SOFTWARE AS A SERVICE (SAAS) IN A PUBLIC CLOUD ENVIRONMENT
2075	AHMED ABBAS (17500029), AHMED SALMAN (17500028), GHADEER JAAFAR (17500169)	GAME THEORY APPLICATION ON THE INTERNET (USE OF AUCTIONING SYSTEM FOR ANTIQUE)
2076	HUSSAIN ABDULAMEER YAHYA (17500034), MAHMOOD ABDUL HUSSAIN MULLA (17500349), MOHAMMED ALI HASAN NASER (16500107)	GULF LOGIC
2077	NAYEF MURSI AL TAIR (17500729)	WEB BASED CUSTOMER COMPLAINTS INSPECTION & RESOLVING SYSTEM

#### Bachelor of Science in Computer Science List of Capstone Projects SY 2022-2023

Accession Number	Student Name	Project Title
2080	MOHAMED A RASOOL (20500251), ALI JAMEEL (18500268), JASIM ALI HASAN MOHAMED ALI (16500156)	SOLAR SYSTEMS AUTOMATED CONSULTATION
2081	YOUSIF ZUBARI (18500173), ABDULLA ALMAHMEED (17500267)	EVENT TICKET SALES MANAGEMENT SYSTEM
2082	ZAINAB SAYED ABBAS (19500300), ZAINAB HASSAN ABDULLA (18500828), FATEMA MOHAMED ISA (18500285)	BAHRAIN TOURISM APPLICATION
2083	HASSAN SEYADI (18500615), A.RAHMAN MOHAMMED (18500169), MAJED MAHMOUD (18500156)	LIBRARY ASSISTANT ROBOT
2084	ZAINAB AHMED (18500161) ALI JASSIM ALMAI (18500865) ALI HUSAIN (18500190)	DELIVERY PRIME
2085	NASSER MESAAL NASSER AL- THAWADI (19500102) MOHAMMED HASSAN ALI (19500039)	UTB LIBRARY WEBSITE

**Bachelor of Science in Computer Science**  
**List of Capstone Projects SY 2023-2024**

Accession Number	Student Name	Project Title
2086	MOHAMMED UMAR ASIF SAYED (19500475) YOUSUF YAQOOB NAQI (19500005) DAVID JOHN GALANTO BODOTA (19500610)	GYPSY JOURNEY
2087	SARAH ALKHAYAT (16500418) MNIRA ALATHEM (17500660) DHAEN ALDHAEN (18500376) ZAINAB HASAN (19500647) MALAK ALARADI (19500845) BRISTY (19500632)	THE DYNAMIC PLATFORM FOR BAHRAIN GIVERS
2088	HOOMAM MAKAREM (18500805) MOHAMMED ALI EBRAHIM (16500734) ABDULRAHMAN MOHAMAD SHAFIQ (18500205)	MY-UTB PORTAL MOBILE APPLICATION
2089	FADHEL AL MUBARAK (20500530) TAHMID AZAM (20500282) HAWRA MOHAMED (20500663)	3D GUIDING SYSTEM
2090	KHATOON HUSSAIN (17500682) HABIBA HABIB ISA (20500235) SALWA ALMATAR (18500689) ALI MOHAMED HABIB (19500837)	PHARMACY MANAGEMENT SYSTEM FOR UNIVERSITY TECHNOLOGY BAHRAIN
2091	SAYED MUSTAFA SALEH ALI (20500655) ABBAS HAMZA (18500115)	AUTO FINANCIAL MANAGER APP
2092	ABDULRAHMAN MESHAL SALEH (20500156)	BOOKS FOR YOU
2093	MOHAMED MAJEED (20500058)	PCPARTCONNECT : BRIDGING BUYERS AND SELLER
2094	ABDUL REHMAN FIDA HUSSAIN (18500187) WALKER ZACHARY LEE (19500466)	WEATHER MOBILE APPLICATION

## Bachelor of Science in Computer Science

### List of Capstone Projects SY 2024-2025

Accession Number	Student Name	Project Title
2095	TAREQ ALI (20500444) JAFFER ALI (19500227) MOHAMMED JABER (19500532)	BOOKS FOR STUDENTS
2096	MAHMOOD A.JALIL ALWASTI (BH20500592)	MEDIFINDER APP
2097	AALIYAN AHMED MALIK (20500276) MAXINE THERESE SERRANO (20500515) SAYED IBAD SHAH (20500384)	FROM ART TO ASSETS: THE DIVERSE APPLICATIONS OF NFTS
2098	REEM ALI NAEMA (21500282)	UTB CODEBASE
2099	ADAM ALSHOWAIKH (19500511) ABDULLA SHAKER (19500377)	PARK SMART
2100	AYSHA SALAH KHALIL HUSAIN ALAAMER (21500143) BON JAZMIN AGUILAR FRAMIL (21500195)	UTB COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS) PLATFORM
2101	HUSSAIN ALABOU (19500794) MOHAMMED EID AL QAHTANI (21500277) EYAD MARHOON (19500138)	LEARNING MATERIAL MANAGEMENT SYSTEM
2102	HAMAD ALNAKAL (21500066)	EXAMIFY: SMART EXAM PLATFORM WITH ANTI CHEATING AND UNSTABLE INTERNET SUPPORT
2103	MOHAMMED JAAFAR MOOSA (20500343)	MZAAD APP BOOK
2104	SARAH JALAL (17500536) ELIAS ALI (20500608)	THE MARKET PLACE
2105	AYSHA ABDULLA ALTHAWADI (20500489)	NUTRITRACK
2106	MAHER MAHDI ALI ISMAEEL (18500611)	COURSE PORTFOLIO AND MODERATION SYSTEM
2107	NAWAF ABDULLAZIZ ALMUHIZEA (19500958)	EDUCATIONAL RESOURCE MANAGEMENT SYSTEM
2108	ALI MOHAMED AHMED (21500097) SAYED ISA HASHEM (21500116) NOUR MUSSAB (19500292) MAHMOOD SHAKEEB (20500193)	UNIVERSITY EVENT APPLICATION

# COLLEGE OF COMPUTER STUDIES (CCS)

*Faculty research output published in AMAIUB Journal*

- 2012
- 2014
- 2017



## QUALITY ATTRIBUTE-DRIVEN SOFTWARE ARCHITECTURE OF A PervasivE MULTIMODAL COMPUTING SYSTEM

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**ABSTRACT:** An architectural design always satisfies the functional requirements of a system. Quality attributes, however, identifies the desired properties that a system must possess throughout its lifetime. The selection of desired quality attributes, therefore, affects the designer's choice of architectural style or pattern, and the development of architectural components and connectors. Quality attributes themselves, however, often oppose one another (e.g. security vs. performance) so priority of attributes would usually be invoked, resulting in architectural tradeoffs. In this paper, the researcher demonstrates how the choice of a primary attribute over secondary ones affects the quality of architectural components and connectors during the dynamic configuration of software. The effect of quality-driven software architecture is analyzed on high-level abstraction of a pervasive multimodal computing system.

**Keywords:** software architecture, quality attributes, component quality, pervasive computing, multimodal computing.

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## A SOFTWARE RELEASE PLANNING MODEL DERIVED FROM EMPIRICAL PRACTICES

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**Abstract:** The software release practices influence the type and quality of the software maintenance process, and since software maintenance is an inherent part the software development life cycle, it is necessary to determine and analyze the software release practices of the industries to develop a software release planning model that would address whatever challenges the industry faces in the software maintenance process. This study revealed that hospitality industries in Bahrain have different software release practices and their practices influence the frequency and quality of their software releases. The software planning model, as a result of the analysis of the software release practices of the hospitality industries in Bahrain has three components – triggers, methodology and constraints. Any request for software change should go through a formal process to determine the resources needed in order to overcome the constraints imposed in releasing a new version of the software

Keywords: software maintenance, software development

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## SOFTWARE RELEASE- PLANNING: PROPOSING A NEW RELEASE MANAGEMENT MODEL

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**ABSTRACT:** Release Planning is very important in all organizations because it helps to deliver a high quality software to the end users. There are various factors to be considered during release planning. Most of the existing release planning methodologies doesn't consider all the factors while planning for a release. Release planning plays a very important role in predicting and managing successful releases to the customer. Release planning is one of the most important tasks for any maintenance project. Release planning plays a very important role in managing and maintaining software releases and helps in the delivery of an high quality product to the end-users. The study tries to find out the major factors affecting a release and to come out with a new model that can be efficiently used during release planning. The study also aims to compare the existing release planning methodologies and to find out what factors each of them considers while planning for a release.

Keywords: software release, release planning

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## A CONFLICT EXAM SCHEDULING MODEL: BASIS FOR CONFLICT TIMETABLING APPLICATION (CTA) DEVELOPMENT

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rrmaata@amaiu.edu.bh

**ABSTRACT:** The process of manual clash examination registration system in AMAIUB needs to be improved as it creates problem for both students and faculty. These problems encountered by the students and faculty, such as duplication of data, inaccuracy of entries and unsecured data give attention to the researcher in the development of a model that serve as a basis to design a conflict timetabling application (CTA). Relational data model, entity relationship diagram (ERD) model, program flowcharts and data flow diagrams (DFD) are just few of the required model in software engineering. These models are the basis in developing a new system based on the existing one. It applied successfully in the analysis and design of the conflict timetabling application (CTA). The researcher presented processes using these models to describe the procedure in registering clash courses in the CTA system. In relational data model, it simply describes the components used in the database of the system wherein primary key and foreign key were determined. A data modeling technique or entity relationship diagram model creates graphical representation of the entities, attributes and relationship being used in the existing system to support the database of Conflict Timetabling Application (CTA). In comparison to other published works and approaches to solve this problem, these models are more specific for AMAIUB clash registration system, significantly faster and easier to implement and produces results that are more specific to the target beneficiaries, the students and faculty.

Keywords: conflict timetabling application, data flow diagrams, entity relationship diagram

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**DEVELOPMENT OF CONSTRAINT-BASED CONFLICT TIMETABLE APPLICATION**

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**ABSTRACT:** In this paper, the researcher has developed a highly scalable 2-tier client-server system architecture for a constraint-based conflict timetable application with user preference for the three colleges of AMA International University-Bahrain (AMAIUB), which provides greater manageability and efficiency of clash exam registration process. The system has considerably evolved over the past term from a prototype developed using Rapid Application Development (RAD) method. The three hard constraints defined in the solution: selection constraint, instance constraint, and clash constraint are essential to the correctness and efficiency of the entire system process.

Keywords: Highly scalable; 2-tier client-server system architecture; Constraintbased; Timetable application; User preference; Prototype; Rapid Application Development (RAD); Hard constraints

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**\*\* CONFLICT TIME TABLING APPLICATION: ITS FULL  
IMPLEMENTATION AND EVALUATION**

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**ABSTRACT:** The purpose of this study was to assess the full-implementation of the Conflict Timetabling Application (CTA) in terms Accuracy, Functionality, Usability and Security. The research was conducted to evaluate the efficiency and effectiveness of a developed information system (which was developed to solve the perennial problem experienced during the conduct of the clash examination) based on the assessment of students and control room personnel. The study made use of descriptive survey method to assess the performance of the system along the four (4) criteria mentioned. The data were gathered with the aid of a questionnaire addressing certain areas in system evaluation. The results of the study revealed that items/areas were mostly assessed as Outstanding with a single item assessed as Very Good. This implied that the developed system attained the criteria set. However, improvements are still needed which were presented in the form of recommendations. With the results generated and presented, it can be concluded that the system is very useful and aids in the solution to the problems on managing conflict exam schedules. With the findings of this study, it was concluded that, improvements can be made specifically on the areas of Functionality and Security. The author recommends that the results of this study should be presented to the university under study for potential adoption, review and implementation of the actual recommendations made by the respondents for the benefit of the University and for ease and better management and administration on the conduct of student conflict examination.

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**GREEN IT UNIVERSITY: A ROADMAP TO SUSTAINABLE INFORMATION TECHNOLOGY**

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**ABSTRACT:** The earth is experiencing unpredictable weather condition and it is a major problem that we are experiencing of the moment. The major reason for that weather condition is due to the growing accumulation of carbon dioxide on the atmosphere. Usually, every time we burn fossil fuel such as gas, carbon and coal, we are releasing carbon dioxide on the atmosphere. Through a natural cycle, trees and plants are reabsorbing this carbon dioxide. Today, companies are using too much of materials coming from trees such as papers. Therefore, it cannot absorb the dioxide so it stays in the atmosphere and it increases the temperature and this temperature cause the global warming. This CO<sub>2</sub> reflects heat back to the earth, warming up the Earth's surface temperature causing many natural disasters such as tornadoes, flooding, hurricanes, and ice is melting, water levels are rising. The key in reducing the carbon dioxide in the atmosphere is to reduce energy and paper consumption. This research endeavor aimed to determine the level of awareness and practices of Green IT in the university.

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**AN EFFICIENT APPROACH OF INFORMATION RETRIEVAL IN WEB MINING**

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**ABSTRACT:** Web is escalating daily and for exploring stuffs people trusts on searching tools. In this situation the primary goal of the site owners is to offer important and worth information to satisfy the needs of the users. So the service providers are forced to offer relevant and worth information to the users by using contents and link information between different pages. Different users' activities, the matter in the pages and manner of links they are accessed etc. are examined for classifying users in Web mining techniques. This is the main usage of Web Mining. This study investigates various page ranking algorithms and evaluates them based on various parameters. Page ranking approaches like PageRank (PR), Weighted PageRank (WPR), Weighted Page Content Rank, HITS (HyperlinkInduced Topic Search), Distance Rank (DR), Tag Rank (TR), Time Rank (TR), Relational based page rank, Query dependent ranking, Query independent ranking, Weighted page ranking using Link attributes and Weighted page content rank are analyzed and compared to uncover their merits and demerits for indexing the web pages. Judging the strengths and constraints of page ranking algorithms and to locate the scope of research in information retrieval an evaluation is done.

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## AN OBJECT ORIENTED SOFTWARE DEVELOPMENT APPROACH FOR INTERNET APPLICATION

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**ABSTRACT:** The adoption of software development models depends on the nature of the software, the time, and the cost. One of the most widely used software today is the internet applications. Internet applications are applications on the web which enable us to send and receive data from a certain location as fast as possible. These are software that are developed and updated regularly to ensure that the purpose is served. To ensure that internet applications are of quality, there is a need to use the most suitable software development methodology. This study revealed that the object- oriented software development approach is suitable for internet applications as it is best to respond to the dynamic requirements of the user. The object-oriented software development approach should be further explored by adopting a specific case of Internet application to ensure the reliability of the findings in this study.

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### \* SURVEY OF VARIOUS TESTING STRATEGIES IN SOFTWARE DEVELOPMENT

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**ABSTRACT:** In this study, a comparison on various software testing methodology and its benefits and drawbacks has been analyzed. The study will give an easy insight to the different methodologies and features provided by each model. From the above study it was understood that in software development testing cannot be avoided. Testing is a part of the development process. The importance of the process of testing in software development is emphasized and explained in detail. The study has tried to summarize the available information on the different testing methodologies which helps a better understanding of the same.

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## A COMPARATIVE STUDY ON SOFTWARE RELIABILITY GROWTH MODEL BASED ON YAMADA MODEL

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**ABSTRACT:** The software quality is directly proportional to the software reliability. To produce a high quality marketable system, needs an error free system in a specific environment for a specific time. Software reliability is a very important feature in producing high-quality software. The Reliability Growth Model (RGM) helps to identify the reliability problems. RGM are categorized as two types. Software and hardware model. The popular method used in providing the high- quality software is Software Reliability growth model (SRGMs). SRGMs help us to identify the number of failures in software when it is ready to ship or has been already shipped. The primary focus of this paper is to compare the different types of SRGMs . The paper will give a review on software reliability and the different types of software reliability growth model (SRGMs) with specific focus on Yamada model. The types of Yamada SRGMs are compared using different methods.. The results are then analyzed to determine which SRGM provides a better prediction of the software reliability aspect.

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## A SOFTWARE ENGINEERING APPROACH AND TOOL SET (RUX AND WEBML) FOR DEVELOPING INTERNET APPLICATIONS

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**ABSTRACT:** The internet or web applications have migrated from normal user interfaces to very rich user interfaces. The enhanced user interfaces are called as Rich Internet Applications[9]. These applications are not developed in a systematic manner by adopting well proven models and the results are error prone. We propose to understand the two methods(RUX and WebML) to understand the data and business logic phases implemented in the RIA with the example of a case study.

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### \*\* SURVEY OF CRYPTOGRAPHIC TECHNIQUES: A SOLUTION FOR OPTIMIZED SECURITY

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**ABSTRACT:** Several cryptographic techniques are used to protect the integrity of data for various applications. A security method makes use of different cryptographic techniques to encrypt data and make it into an un-readable form, which can then be decrypted only with the help of a key. Security issues need to be addressed in the various areas. A number of cryptographic algorithms are available for use in protection of data in various applications. A technique used in one application will not be feasible in the use of another application. Critical evaluation parameters are taken into contemplation to lessen the encryption and decryption time for each application. Parameters like bandwidth consumption, battery power, memory requirements, and utilization time are compared and analysed. In this study the researcher proposes to identify the best technique which can be used for the following systems, namely, image encryption, information encryption, wireless sensor networks, data communication and embedded systems.

**Keywords:** Cryptographic techniques, image encryption, wireless networks encryption, data-communication, embedded systems

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## MULTIFACTOR AUTHENTICATION IN CLOUD COMPUTING

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**ABSTRACT:** In the modern explosion of cloud computing era, remote authentication is a vital part in cloud and other distributed networking applications. In cloud computing, cloud providers provide the services such as storage of the users' data, database services in governments, hospitals, banks and airline services through internet to the cloud users. It is an innovative and novel approach to provide services which combines the hardware, software and the infrastructure collectively to their clients. It is a very significant factor to be considered that the cloud users do their transactions with the security and confidentiality. The end user will have no knowledge on where the physical resources and devices which they are accessing are located. Hence the cloud providers should offer innovative and secure techniques in terms of strong security. And hence authentication has become the key factor to be considered by the cloud providers. The potency of an authentication mechanism can be assessed on many things it depends on what the user knows, possess and what the user has. Multi factor authentication offers a stronger authentication technique for the authorized users. In this research, I propose a Multifactor authentication model which has additional factors or extra steps than the traditional password authentication to verify users' identity. The first step is giving username and password - textual password. The second factor is by touching a sequence of thumbnail photos as registered order - graphical password. The third factor is security token generated by an external device - One Time Password (OTP) authentication.

**Keywords:** Strong authentication, textual password, graphical password, OTP authentication, Security token.

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## \*\* OPTIMAL IMPLEMENTATION OF B-TREES ON HIERARCHICAL MEMORY MACHINES

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**ABSTRACT:** We provide algorithms to lookup and update the B-Tree data structure on Hierarchical Memory Machines. A Hierarchical Memory Machine (HRAM) is a random access Memory machine (RAM) with access cost  $f(i)$  being charged to access location  $i$ , for some non-decreasing function  $f$ . Optimal worst case lookup and amortized update times are obtained, under various access costs. Interesting worst case lookup vs. amortized update times tradeoff are exhibited. General implementation techniques, as well as possible limitations on the technique will be discussed.

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## A REMOTE ACCESS ON COMPUTER-BASED SYSTEMS THROUGH MOBILE TECHNOLOGY

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**ABSTRACT:** In today's world of global village, corporate employees need to access corporation's network inside their office as well as outside while travelling. Moreover, home users get connected to the internet via remote access to an Internet Service Provider (ISP). Basically, when a computer gets access to some other computer or network from a distant location, this is referred as remote access. A computer or a network can be remotely accessed through telephone lines, dedicated lines, Wireless connections, cable modems, and Digital Subscriber Line (DSL) technologies.

## A COMPARATIVE STUDY ON SOFTWARE RELIABILITY GROWTH MODELS USING TESTING EFFORT FUNCTIONS

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**ABSTRACT:** Software reliability is a very important feature in producing high quality software. The popular method used in providing the high- quality software is Software Reliability growth model (SRGMs). SRGMs help us to identify the number of failures in software when it is ready to ship or has been already shipped. The primary focus of this paper is to compare the different types of SRGMs. The paper will give an overview on software reliability and the different types of software reliability growth model (SRGMs). The SRGMs are compared using the using different methods. The data from open source software is used to demonstrate the comparison of SRGMs. The results are then analyzed to determine which SRGM provides a better prediction of the software reliability aspect.

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## GREEN IT MODEL : IT'S IMPLICATIONS TO IT INFRASTRUCTURE

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**ABSTRACT:** The study aims to suggest a model and best practices for green IT in the university setting that would minimize the carbon emissions disposed by computer and other subsystems connected to it, and by data center which is used by university twenty four by seven. The reduction of carbon footprints are materialized when practical techniques and ideal green IT model are integrated into the IT infrastructure system.

\*\*\*\*\* THE HUMAN DIMENSION OF HUMAN-COMPUTER INTERACTION  
IN A LEARNING MANAGEMENT SYSTEM

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**ABSTRACT:** This research study describes the development of an online learning environment using Moodle as the platform, and an initial inquiry on implementing a learning management system (LMS) to facilitate online discussion focused on gaining a better understanding of students' use of new technology towards active participation and success in learning a course. Participants in this study were selected students enrolled in an undergraduate course in Database Management Systems during the 3rd trimester of Academic Year 2011-2012 at AMA International University-Bahrain. At the end of the trimester, feedback from the students was gathered on their learning experiences after using the Moodle. The Moodle's Constructivist On-Line Learning Environment Survey (COLLES), was utilized to find out if the LMS used in the course stimulate students' critical reflective thinking, provide online communication between and among teacher and students, enable teacher and peer support, and make good sense of student-teacher on-line communication.

## AN EMPIRICAL ANALYSIS OF E-LEARNING USAGE TOOL-MOODLE

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.bh

**ABSTRACT:** This research consists of an Empirical analysis of elearning usage tool Moodle using the different data-mining techniques. There are different data mining methods like clustering, association rule- mining, classification, statistics, pattern mining and text-mining that can be used for the analysis. Classification algorithmic techniques are used for my research to form classes of students based on how effectively they use the Moodle. The marks in the exam obtained by the students who adopted Moodle elearning tool will be compared and analyzed . The purpose of using data mining in Moodle is to make progress in the learning methodology and guide students in their learning process. Study and Analysis of moodle is done to prove how new technology is diffused in high education context and how it can improve efficiency of learning.

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## \*\* EMAIL ADDRESS PROTECTION IN ONLINE YELLOW PAGES: A SECURE OPTION TO PROTECT EMAIL ADDRESSES AGAINST WEB SCRAPERS

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**ABSTRACT:** Nowadays emails are considered as one of the official channels in any organization. Some sends official meeting request, some exchange critical conversation and others swap business thoughts. Everything depends on business nature which each activity has. In some online Yellow pages websites, beside on other contact details, email addresses also are presented to public as one of the services to the clients (companies or individuals). These types of services could potentially bring risk to clients and could end up losing part of the business. An example of risk is spam and unwanted emails which customers usually receive. In this paper we provide a method to provide a service to the webmasters to publish the email addresses in a secure area.

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## A KNOWLEDGE-BASED SYSTEM FOR MINISTRY OF EDUCATION – STUDENT SERVICES DIRECTORATE

Ghada Khalid A.Rahman Al-Mahmeed, MSCS<sup>1</sup> and Rolou Lyn R. Maata Ph.D.<sup>2</sup>  
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**ABSTRACT:** Ministry of Education in the Kingdom of Bahrain works hard to improve the education

process. The Ministry of Education Strategy is the bases for the future decision making and provide comprehensive view for improvement and development of the education system in Bahrain. MOE understands the importance of adopting the information and communication technology for its future development. This study concerns on Student Services Directorate of the Ministry of Education as it designed to evaluate and introduce adopting the technology in existing system to digitize a new workflow system for the Student Services Directorate end users. This study also shows the need of adopting the suggested knowledge based system for SSD with some recommendations to be followed for future development. **Keywords:** knowledge-based system, Student Services Directorate (SSD)

#### A HOME SECURITY PROTOTYPE

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**ABSTRACT:** Physical security focuses on measures that are established to refuse access to unauthorized person from physically entering a building, or using a facility, resource, or accessing stored information. It also provides guidance on how to create structures to against possible hostile acts. It can be as simple as a closed door or as complex as several layers of barriers and equipped security guards. This study focused on the development of a prototype for a home security system, composed of 5 layers, namely: Interaction, sensors, microcontroller, application and SMS notification. This design is implemented on a home prototype which is made up of light and fire proof wood.

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#### \*\* IMPROVING WORKFLOW THROUGH INCIDENT TRACKING SYSTEM

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**ABSTRACT:** Systematic workflow in an organization is always sought after by any employee or any customer, as indeed a proper workflow management leads improved efficiency. Nowadays, many systems are available for managing workflows. These systems oversee the process of managing information, documents and tasks from one employee or machine to another. This study aims to analyze various research findings on the design and implementation of Workflow Management System (WMS), and develop an incident tracking system as a predecessor to WMS. In particular, we attempt to explore the challenges in the Workflow Management System (WMS), Identify strategies/ techniques to come up with an established workflow management system, and develop a system that will be able to capture workflows from different departments of the organization.

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## GEOTRACK: ONLINE VEHICLE GEOGRAPHICAL TRACKING SYSTEM IN THE KINGDOM OF BAHRAIN

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**ABSTRACT:** Vehicle tracking systems today are vital to the smooth operation of many businesses and they form an outstanding application of the combination of computer technology and GPS. Geomatec, a leading spatial data and solutions provider in the Middle-East has been superior in launching its all-developed-inhouse vehicle tracking application “Geotrack”. This study looks at the improvements introduced in the new version of the application and is concerned with verifying their significance. To achieve the verification, user assessments of existing and proposed systems were analyzed. Final results suggested the existence of a significant difference between both assessments, which further indicated the validity of the hypothesis set at the beginning of the study. **Keywords:** Geographical information system (GIS), geomatec, GeoTrack, global positioning system (GPS), surveillance, automatic vehicle location (AVL).

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## ELECTRONIC VOTING SYSTEM FOR BAHRAIN GOVERNMENT

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**ABSTRACT:** The government of the Kingdom of Bahrain envisions implementing new technologies in the Parliamentary Elections through Electronic Voting System. With this technology, citizens can select their candidates using information technology instead of the conventional paper and ballot boxes. Results are saved in computerized databases according to certain technical and security standards ensuring maximum transparency and accuracy to ensure the integrity of the process.

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## EDUCATIONAL MANAGEMENT INFORMATION SYSTEM FOR AL RAWABI SCHOOL

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**ABSTRACT:** Efforts to improve the quality of data and data transfer have become a vital process in the educational institutions over the years. The developments of educational systems were primarily geared towards computerization to support the monitoring of administrative and management routines of schools and universities. The first step to make progress in the educational process is the

implementation of accurate mechanisms for the control, security, and maintenance of the records of students besides the need to achieve the greatest possible communication with its stakeholders. The study investigated the problems encountered with the current management procedures carried-out by AL Rawabi School and the potential development of an Educational Management Information System (EMIS) that would enable staff to accomplish their work in a more efficient manner.

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#### \*\*\*\*\* SMS-ENABLED STUDENT INFORMATION SYSTEM

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**ABSTRACT:** Providing quality and accredited learning is one of the highest priorities of any educational institution. Along with these are services provided to students which are interactive in nature that makes communication more innovative and convenient. The objective of the study is to create an interactive approach between the school and its students through Short Messaging Service (SMS) – Enabled Student Information System (SIS) where instant and online access to student's records is readily available to teachers and parents of the students. SMSEnabled SIS is a fully web-based application which provides multiple services to support the maintenance of teachers and students' school-related information. The functions of the software include creation, deletion, and editing of classes, subjects and profiles; handling of students' scores and progression; and communication portal via SMS.

Keywords: Student Information System(SIS), Short Messaging Service(SMS)

An Enhanced Approach to Routing Protocols Using Multipath Strategy in Mobile  
Ad hoc Networks

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**Abstract**

The various routing protocols in Mobile Ad hoc Networks follow different strategies to send the information from one node to another. The nodes in the network are non static and they move randomly and are prone to link failure which makes always to find new routes to the destination. This research mainly focused on the study of the characteristics of multipath routing protocols in MANETS. Two of the multipath routing protocols were investigated and a comparative study along with simulation using NS2 was done between DSR and AODV to propose an enhanced approach to reach the destination maintaining the QoS. A possible optimization to the DSR and AODV routing protocols was proposed to make no node to be overburdened by distributing the load after finding the alternate multipath routes which were discovered in the Route discovery process. The simulation shows that the differences in the protocol highlighted major differences with the protocol performance. These differences have been analyzed with various network size, mobility, and network load. A new search table named Search of Next Node Enquiry Table (SONNET) was proposed to find the best neighbor node. Using SONNET the node selects the neighbor which can be reached in less number of hops and with less time delay and maintaining the QoS.

**Keywords:** MANETS, DSR Protocol, AODV Protocol, SONNET

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**\*\* Routing Protocols: A Comparative and Network Performance Analysis**

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**Abstract**

The purpose of this study was to investigate the utilization of two well-known routing protocols: EIGRP and OSPF. The research was divided into 3 parts: Part I: Theoretical Analysis of EIGRP and OSPF; Part II. Comparative Analysis of EIGRP, and OSPF in terms of: A. Operation, B. Metrics, C. Addressing; and Part III. Network Performance Analysis using the Packet Tracer Simulation Tool. The study made use of three (3) methods, namely: Theoretical Analysis of EIGRP and OSPF; Comparative Analysis of EIGRP and OSPF in terms of Operation, Metrics and Addressing; and Experimental Method to measure the

time it takes a packet to reach a destination for a given network topology. The results of the study revealed that a packet reached the destination faster with the use of OSPF. Same is true as the packet goes back. This implied that the on a given network scenario and under certain conditions mentioned in the study, the OSPF packet reaches faster than that of an EIGRP packet.

**Keywords:** EIGRP, OSPF, Packet Tracer Simulation Tool, VLSM, Autonomous System, Distance Vector Protocol, Link State Protocol.

## Routing Protocols: A Comparative and Network Performance Analysis

*MaryAnne B. Taquiqui*  
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### Abstract

The purpose of this study was to investigate the utilization of two well-known routing protocols: EIGRP and OSPF. The research was divided into 3 parts: Part I: Theoretical Analysis of EIGRP and OSPF; Part II. Comparative Analysis of EIGRP, and OSPF in terms of: A. Operation, B. Metrics, C. Addressing; and Part III. Network Performance Analysis using the Packet Tracer Simulation Tool. The study made use of three (3) methods, namely: Theoretical Analysis of EIGRP and OSPF; Comparative Analysis of EIGRP and OSPF in terms of Operation, Metrics and Addressing; and Experimental Method to measure the time it takes a packet to reach a destination for a given network topology. The results of the study revealed that a packet reached the destination faster with the use of OSPF. Same is true as the packet goes back. This implied that the on a given network scenario and under certain conditions mentioned in the study, the OSPF packet reaches faster than that of an EIGRP packet.

**Keywords:** EIGRP, OSPF, Packet Tracer Simulation Tool, VLSM, Autonomous System, Distance Vector Protocol, Link State Protocol.

\*\*\*\*\*

**\*\*\*\*\* Energy-Efficient Saving Scheme For Access Layer Cisco Catalyst Switch-Based Infrastructure Using**  
Eem Script Customization  
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### Abstract

This paper aimed to provide a more cost-effective approach to optimization of energy efficiency of a Local Area Network (LAN) by developing a sleeping algorithm for IP base supported Cisco Catalyst switches such as the WS-C3750X-24P-S model using customized Embedded Even Manager (EEM) scripts. The sleeping algorithm developed in the study is comprised of three (3) EEM applets in which a timer event detector called cron timer is used to publish an event based on the time of day and specific days. The EEM applets namely Shutdown\_Port\_Weekdays applet, Noshut\_Port\_Weekdays applet and Shutdown\_Port\_Weekend applet have been tested on an IP base Internetwork Operating System (IOS) 3750 series device attached to two (2) 2960 series with LAN base IOS in a partial-mesh topology. As the EEM applets being implemented on the test topology, the 3750 device uplink PoE ports automatically gets enabled and disabled during the scheduled busy and idle timings. The approach presented in the study has resulted in an efficient 12.73% reduction on the total energy usage of the 3 devices in a span of one week.

**Keywords:** Embedded Even Manager (EEM), Cost-effective, Sleeping algorithm, IP base, Energy usage

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## A Comparative and Analytic Survey of Cryptanalysis Methods for Cryptographic Algorithms

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Studies*

**Abstract**

Several cryptographic techniques are used to protect the integrity of data for various applications. A security method makes use of different cryptographic techniques to encrypt data and make it into an un-readable form, which can then be decrypted only with the help of a key. Security issues need to be addressed in the various areas. A number of cryptographic algorithms are available for use in protection of data in various applications. A technique used in one application will not be feasible in the use of another application. Critical evaluation parameters are taken into contemplation to lessen the encryption and decryption time for each application. In this study the researcher proposes to identify the main issues of security and information theory factors of various cipher texts. The information based tests such as Entropy, Floating frequency, Histogram, N-Gram, Autocorrelation and Periodicity have been carried out.

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**\*\* Software Performance Prediction incorporating environmental parameters**

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**Abstract**

In this highly competitive world the software companies really try to provide good quality software with low cost and within a shorter span of time. To achieve good quality software predicting the performance of the software should be done efficiently and effectively. If the performance prediction is done accurately then the organization can correct its flaws and can produce good quality software within a shorter span of time, within allotted budget and with optimized resource utilization. In this study the researcher plans to analyze the existing software reliability models and software performance prediction models, the major parameters and factors that affects the performance of software and understands its limitations on performance prediction. A proper study on the technical and process parameters will be done and the researcher intends to identify four external parameters that can do performance prediction in an efficient and effective manner. The proposed external parameters will help the project manager to keep track of the project in an efficient and effective manner. Most of the software prediction models consider only project parameters for performance prediction. But it is important to consider external parameters which are parameters not directly linked to project, but influences the project from outside. The following external parameters are identified like Productivity of development team, Risk, Compliance factor and Defect Rating. Including these external parameters in software performance prediction gives a better performance prediction than the one that considers only in-project parameters.

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## LAN Design Optimization Using EtherChannel Load Balancing

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Studies*

### Abstract

This paper aimed to develop a more cost-effective, efficient and fault-tolerant LAN design by using EtherChannel load balancing approach on a switch. This approach has introduced a more efficient way of distributing TCP traffic to all aggregate links in the EtherChannel using source-based packet forwarding method on a switch that is attached to multiple client hosts. The source-based packet forwarding method deemed to be the best method to choose in maximizing the use of all aggregate links configured on the switch. With 2, 4 and 8 combined ports in the EtherChannel, the said method has provided the best load balancing results as the traffic is equally distributed to all ports. The approach presented in the study has effectively resulted in an average of 6%, 11% and 22% increase in TCP throughput relative to 171 Mbps full-duplex connection and 344 MB of data sent. This has also resulted in a faster Round Trip Delay Time (RTT), which has provided shorter acknowledgement time between the destination and source hosts. Furthermore, the simulated test conducted in the study has shown that the increasing level of network fault tolerance is relative to the number of redundant links available on the switch device.

**Keywords:** Optimization, EtherChannel Load Balancing, Source-based packet forwarding method, TCP Throughput, Round Trip Delay Time (RTT)

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Point of Sale System with Biometric Login  
Sir Clifford Orjaliza and Mohammad Riyaz Belgaum  
College of Computer Studies  
AMA International University Bahrain

### Abstract

Point of Sale system determines the sales at each terminal by enabling the managers to take decisions. Traditional manual systems are insufficient to keep a track of all the details. Security, accountability and user friendliness being at the center of the system, enables the users to interact with it in friendly way. Biometric devices attachment to the system solves the problem of security and accountability. User centric design and participatory design methodology has been adopted in developing such a system. The outcomes show that it is easy to track the transactions happening in the business by fixing the responsibility sing the login done by each employee in the business.

Keywords : Point of Sale, Biometric, security, accountability.

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\*\* Efficient implementation of the knapsack problem on multilayered RAM model  
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International University  
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### Abstract

We consider the implementation of the Knapsack related problems on Random Access Memory (RAM) machines with non-uniform access cost. More specifically, an access to the  $i$ th location of the RAM costs  $f(i)$ , where  $f$  is some non-decreasing function. Block data movement can also be catered for by allowing the access cost to a block of data be a function of the length of the data segment ( $l$ ) as well as  $f(i)$  maximum cost to a location in that block. This model of computation can capture the cost of data movement, or the I/O complexity of algorithms as well as their computational complexity. In this work we study the performance for two variants of the knapsack problems: the Fractional knapsack and the 0-1 knapsack problem that embody within themselves two major algorithm design techniques: the greedy and the Dynamic Programming techniques. We give asymptotically optimal worst case time performance for the Fractional knapsack and show that it is as efficient as reading  $n$  data items. Moreover, we provide an improved worst case time performance for the 0-1 knapsack problem.

Keywords: Time Analysis, Oh notation, Hierarchical memory, greedy algorithms

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## An Improved Web Link Prediction Using Semantic Information

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### *Abstract*

With the expansion of extensive network datasets in real world applications, there has been growing attention towards link prediction, particularly in social network. The majority of our past endeavors have avoided the semantic data associated with such network. This research is an attempt to analyze the link predictor for such network, and seek the difference in performance with the inclusion of semantic information. This study utilizes the structure of the constructed graph, and proposes to include a semantic approach utilizing theoretical data, explore titles and the occasion data to enhance the exactness of the indicator. To test our theory, we utilize an Group bunching of the DBLP system to supplement its basic elements and test it in a sensible time by under sampling what's more, adjusting the dataset utilizing choice trees and the destroyed strategy. In this paper, we introduce a novel semantic -link based approach in terms of a world knowledge base in order to construct personalized searches for identifying adequate concept levels for matching user search intents

**Keywords:** Semantic data analysis, Web link mining, Ontology, Link Prediction. Graph Clustering

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## Web pages Noisy Information Elimination using DOM and WWT

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### *Abstract*

Nowadays web technology is a rapid technology, which is getting an emergence importance in day to day life which has a large amount of information. Internet information is the collection of html documents, pdf and word documents, xml and sgml documents, multimedia documents such as audio and video files etc. Everyone is surfing on the web and uploading important data. Due to the voluminous of data available on the internet, searching is the cumbersome process to find and locate the relevant documents. Search engines plays vital role in providing the exact information to the relevant search query. However, many irrelevant and redundant documents which contain the required information will also be retrieved and provided to the users. After locating the best matching documents as per the search query, matching URLs has so many advertisement blocks on the documents along with the main content. Currently, challenges are being faced by the researchers to provide the required and related documents without the noisy information. This paper proposes an algorithm which uses an outlier detection technique to identify the noise elimination and removes local noises from web pages. In addition, the content and the regular expressions which remove the remaining unnecessary tags from the web pages using tag based filter method.

**Keywords:** Noisy information; DOM tree; HTML tags; Search engine; Web Content Mining.

## Current Trends of Computational Intelligence Based on Internet of Things (IoT) in Bioinformatics

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### *Abstract*

Bioinformatics is growing rapidly and has found many new applications and its progress caused the interaction with other fields. Thus presently, the Computational Intelligence based on IoT in bioinformatics is used to archive, search, display, analysis and interpret biological data. Development of bioinformatics and growing need of actuarial science, computer, and programming are resulted in the growth of new Computational Intelligence methods, tools, computer algorithms, and programming solutions. This study confers an extensive survey of the Computational Intelligence (CI) methods based on big data and Internet of Thing (IoT) in bioinformatics.

Keywords Internet of Things, Bioinformatics, Computational Intelligence, Big Data, Machine Learning.

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\*\* Understanding of Object Oriented Programming using UML  
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### *Abstract*

Software development is playing a very important role in the current century for the software engineering field. It requires more emphasis to understand the concepts of object oriented programming due to lack of information in the domain of procedure oriented programming in the last decade. We are presenting the basic structure of object oriented programming to understand its functionality using UML (Unified Modeling Language). UML is a particular language to structure the objects and classes according to current needs of the programmers. We provided small examples of object oriented programming and explain the conversion in UML which is uttermost important for the naïves. Finally, we provided comparative analysis of object oriented programing which ensures that UML is the best tool to understand the concepts of object oriented programming for the new learners.

Keywords : UML, Classes and Objects, Program analysis and understanding, Object Oriented Programming.

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## Remote Home Control and Monitoring System using Internet of Things (IoT)

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### Abstract

Nowadays, almost everybody is having smartphones with Internet connection or an Internet- enabled device due to the technological advancements. Technology and its rapid development have a significant impact on people and the way they live. As technological improvement and development have increased, personal communications have increased as well as smartphones' development and its availability with low costs. In a relatively short period of time, smart mobile technology has penetrated significantly into society. This gave many people the chance to utilize smartphones to do their daily tasks and organize their events .Since the life requirements have increased and have become diversified, it became important for people to think about ways to make their lives easier and more comfortable as well as saving time and effort. The Remote Home Control and Monitoring System was developed to control home appliances through the mobile phones or any Internet- enabled device. The system enable users to remotely control and monitor their home devices using a smartphone or any Internet-enabled device or an Short Message Service (SMS) service-enabled to send commands or instructions to a home computer which other home devices are connected to. Once the home computer receives any command, it will act based on and sends a feedback of the execution of the command to the command sender.

Keywords: Smartphones, Remote Home Control, Android, Arduino, Eclipse

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## Framework for an Improved Web Data Clustering

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### Abstract

Information access has become a tedious and frustrating task because of the tremendous growth and size of www. Finding desired information or a particular product is tiresome. In this scenario web data clustering gets its importance. The web data clustering is a technique of grouping web objects into classes so that the related data are in the same class and non related web data are in different classes and this will lead to a better information access. There are a lot of web data clustering techniques but generating patterns from historic or related data is the most common focus of almost all techniques. This leads for a great demand on more flexible algorithms for various time critical and data intensive web applications. This research is conducted in web clustering area and started with an analysis on various web log clustering algorithms. The analysis results came out with their weak and strong points of popular web clustering algorithms. The major criteria which considered for evaluation are their efficiency and accuracy in cluster creation. It is found out that K-Means and DBSCAN algorithms can perform well, but have some drawbacks. K mean shows high accuracy in cluster creation but scalability is weak, but DBSCAN can handle flexible size of data, but accuracy in cluster formation is less compared to K-Means. So considering those information and here proposed a hybrid algorithm by combining the best feature of K-Means and DBSCAN. The experiments conducted on UCI data set revealed that the proposed algorithm can perform much better than existing. So this algorithm can be recommended for web personalization.

Keywords: Web Clustering, K-Means, DBSCAN, Web Personalization

# CENTRE OF GENERAL EDUCATION (CGE)

*Faculty research output published in AMAIUB Research Journal*

- 2013a
- 2013b
- 2014
- 2015
- 2017



## Phytochemical Screening and Insecticidal Properties of Date Fruits (*Phoenix Dactylifera*)

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Education Department of  
Natural Sciences

### Abstract

The study was conducted for the reason that the date fruits have been known for its nutritional value. Mentioning some of its components, it is rich in salts, vitamins A, B1, B2 and niacin but in reasonable amounts. Hence, the researcher was interested on screening its phytochemical components and tests the insecticidal properties of ripe and unripe seed extract of the fruits. The results of the study showed that components like alkaloids, glycosides, tannins, flavonoid and saponins are positively screened but saponins was not detected from the ripe fruit extract. Moreover, the seed extracts from unripe fruits dates have more toxic insecticide components than the extracts from ripe fruits. As to its statistical treatment, the one way analysis of variance was utilized to test the effects of the different levels of concentration on both ripe and unripe seed extracts. It was found out that the extracts differ significantly and the higher the concentration of the extracts, the more toxic they are. Hence, they can be more effective as an insecticide.

**Keywords:** date fruits, insecticide, fruit extracts, nutritional values

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## Hydrogen Production Process as a Solution for Environmental and Energy Problems

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### Abstract

Hydrogen ( $H_2$ ) is considered a renewable energy source. Energy of hydrogen has very low environmental pollution because water vapor is the main emission into air. Production of hydrogen by using reliable process is needed. The production process is based on electrochemical reaction of C-steel alloys (anodic reaction) in hydrochloric acid (HCl) solution, which has a high concentration of hydrogen ions ( $H^+$ ), the  $H^+$  ions are reduced and  $H_2$  is evolved. Electrochemical reaction of C-steel alloys runs in presence of different concentrations of hydrochloric acid, 10%, 15%, and 25%. As observed, the amount of hydrogen increases with increasing the HCl concentrations. Carbon content in the C-steel alloy has influenced hydrogen evolution process. Low C-steel alloy of about 0.1-0.15 % of carbon



in its composition has produced high amount of hydrogen. High C-steel alloy of about 0.8-0.85 % of carbon in its composition has produced low amount of hydrogen. This behavior of the C-steel alloys is due to the corrosion rate of the low C-steel alloy is higher than the corrosion rate of the high C-steel alloy. The hydrogen can be collected during the electrochemical reaction for application whether stationary or on-board.

*Keywords: C-steel alloys, hydrogen production, HCl acid concentration, carbon content*

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## Factors Associated With Physics Academic Performance of Engineering Students in AMA International University-Bahrain

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### Abstract

One of the most common ways of detecting whether an improvement is achieved by an education institution is through measuring the students' achievement in a test.. Test results, besides assisting professors and administrators in making decisions concerning their students, provide vital information that could be the basis for the following: (a) assigning final course grade to a student; (b) distinguishing students' strengths and weaknesses in a particular subject; (c) assessing student performance in class as a whole; and (d) improving teaching methods or techniques in carrying out a teacher's day-to-day lessons; (e) assessing teachers' needs in a certain program or curriculum; (f) allowing a teacher to make decisions at the beginning, and at the end of instruction; (g) evaluating the effectiveness of specific teaching methods; (h) guiding the administrators on the kind of in-service, trainings, seminars, workshops and the like that would suit the teachers' needs; and (i) serving as one of the criteria upon which to evaluate a certain curriculum. Knowing the students' achievement more or less determines the kind of instructors the school has. The Physics performance of Engineering students in the test is affected and found significantly by the students' variables: age, civil status, course schedule, sponsorship, employment status, Grade Point Average in the pre-requisite subjects in basic Mathematics courses (Algebra and Trigonometry), and high school background in Physics. University Physics is always part of the Engineering program, and this needs complete concentration, time and patience of the students. As teachers always remember the principle, which is, individual differences among the students. They are unique in abilities, interest, needs and experiences. Students should be treated according to their needs and interests, they must be assisted into developing proper attitudes towards this course and they must be grouped according to their ability and develop each group up to the optimum.

*Keywords: Academic Performance of Engineering Students, Achievement Test in Physics*

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Level of Motivational Factors as Related to the Academic Performance of Environmental Management Students

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**Abstract**

This descriptive study ascertained the levels of motivational factors as related to the academic performance of the students enrolled in Environmental Management. A total of 216 students enrolled in the course were the respondents of the study. The statistical tools used were: mean and Pearson moment correlation. Results showed that the respondents considered the motive factors, motivations in terms of expectancy, and motivations in terms of incentives are true; parent, teachers, and peers largely influenced the respondent; there is a highly significant relationship between teachers and academic achievement, and between parents and academic achievement; a significant relationship was found between peer and academic achievement; the three variables under the internal motivations disclosed a highly significant relationship; there is a high significant relationship between academic achievement and motivational factors when grouped into internal motivations; and there is a highly significant relationship between academic achievement and motivational factors when grouped into significant others.

**Keywords:** motivational factors, self-Motivating factors, significant others, academic performance

# Development and Validation of e-Learning System Evaluation Instrument: An Adoption of e-Learning Success Model

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*Mathematics*

## Abstract

One of the most compelling developments in the field of information technology is e-learning. The e-learning has been considered as an imperative tool to deliver instruction in academic institutions and even in the business sectors. With the availability of the Internet, online courses which are used to support the teaching-learning process have been a major consideration in most higher education institutions. But the implementation, development, management and delivery of course websites will be challenging for the students, teachers and implementers. Hence, there is a need to guide the design, development, and delivery of this e-learning initiative using an end-user-centered theory of information systems development-based paradigm. With this, evaluation will be necessary to provide feedback for continuous improvement. Hence, to guide the design, development and implementation of this e-learning initiative, this paper proposed the use of an e-learning success model in the development and validation of an e-Learning System Evaluation Instrument (eSEI). This paper developed and validated the eSEI to assess e-Learning systems in a blended learning environment. eSEI was based on Lee- Post's e-Learning Success Model which consisted of six subscales: system quality, information quality, service quality, system delivery, net benefits and user satisfaction. The final instrument has 38 content validated items whose reliability coefficients were high ( $>0.70$ ) for its subscales and item-total correlations were generally at an acceptable level ( $>0.30$ ). This study provides an instrument for e-Learning researchers, system designers, curriculum developers and instructors to evaluate e-Learning systems as perceived by the students who are exposed in a blended learning environment. This study concludes by presenting several future research directions related to the sample size, sample characteristics, and psychometric properties.

Keywords: e-Learning Success Model, Lee-Post's e-Learning Success Model, e-Learning system evaluation, e- Learning, blended learning.

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**Abstract**

The purpose of this study was to determine the effect of Computer Aided Learning on the Achievement of the Students in Differential Calculus, AMA International University – Bahrain, First Trimester of School Year 2012 – 2013 guided by the following questions: (1) What is the pre-test and post-test achievement level of the controlled and experimental groups? (2) Is there a difference on the achievement levels between these two groups based on the pre-test and post-test results? (3) Is there a difference on the improvement of the achievement levels between the controlled and experimental groups? This study was a quasi-experimental research involving quantitative method, which used the Pretest-Posttest design with two groups of learners, the controlled group and the experimental group. The t-test for independent means was availed to test hypotheses. The study revealed that there was no significant difference in the achievement level of the students between the controlled and experimental groups based on the pre-test and post-test results.

**Keywords:** computer-aided learning, students' achievement, Differential Calculus

The Learning Styles of Junior and Senior Arab Students: Bases for Instructional Plan to Enhance the Dominating Learning Styles

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**Abstract**

This qualitative-quantitative research examines the status and the recent learning styles of the junior and senior Arab students of AMA International University-Bahrain which were the bases of improving the quality of instructions in the classroom and learning performance of students enrolled in World Literature. With the researcher-made research instrument, this research would be considered worthy as this may help teachers and syllabus designers together with the institutional planners in enhancing students' learning experience. This would give them the realization that learning styles of diverse students should not be taken for granted and that it needs to be included in this design. This would even prompt them to continue to develop materials to optimize the potentials of the students. The research revealed the following findings: The junior and senior Arab students manifested various learning styles; The learning style that appeared to be effective in the learning performance of the students was the Tactile/Kinesthetic; The proposed activities to enhance the dominant learning styles of the students are those that entail hands-on experiences on the environment conducive to learning. These activities need to have continuous movement as they are studying, such as tapping their fingers or foot on the floor, among others.

**Keywords:** learning styles, auditory, visual, kinesthetic, tactile

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## Evaluation of AMAIUB's English Courses: Basis for Developmental Reading Program Model in a Whole School Approach (WSA)

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Center for General Education  
Department of Languages and  
Literature*

### Abstract

This study aimed to determine the extent of the attainment of the components of the AMAIUB's English courses and its level of effectiveness that would help to reveal the true picture and profile of today's educational system. This is a descriptive research design utilizing survey questionnaire and documentary analysis. The population is consisted of eleven implementers and seventy-four beneficiaries. Descriptive statistics using the mean, average weighted mean and over-all mean, percentage distribution, ranking and descriptive ratings based on five-point scale were utilized. t-Test for equality and difference of mean and Pearson correlation indicating significant relationship was employed. The salient findings depict significant differences on the extent of the attainment of the components and level of effectiveness. These were observed in the following areas: teaching and learning methods, assessment method and its over-all result, course outline, personnel competence, efficiency and its over-all result. In view of the findings, this conclusion was drawn: the disparity is made known because the methods applied might be in contrast to students' expectations brought by culture differences. The students are not adjusted on classroom activities that forced them to perform due to language barrier, and prohibit approaches that demand time. Another reason is that, the implementers are duty-bound to scrutinize the details of the component before rating them while the beneficiaries appraised the area in accordance to their own understanding.

Keywords: attainment, effectiveness, English, reading program, whole school approach

## AMAIUB English Remediation Program: Proposed Measures for Enhancement

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### Abstract

This paper is a qualitative research study which attempted to examine the Modular English Program of AMA International University-Bahrain, in terms of the duration or length of the program, content or coverage, manner of facilitating, and the qualifications of those teaching it. Further, it seeks to compare AMAIUB's English language remediation program with that of other international universities whose medium of instruction is English, specifically with the content, placement, number of hours, and resources or facilities. In re-stressing the preparatory nature of the Modular English Programme (MEP), its use of not only the modular but a variety of teaching-learning approaches, as well as the curriculum coding's four-letter requirement in the course code, to be followed by a pre-university numerical course indicator of 300 based on the Dublin descriptors, the term Modular English Programme (MEP) is changed to Preparatory English Programme (PREN). Thus, the course components of MEP, namely, MEP 0, MEP 1, and MEP 2 are to be termed as PREN 300, PREN 301, and PREN 302. Along with the recommended term changes are proposed modifications to the course content and teaching methodology, based on the results of: (a) the program faculty's series of curricular reviews, (b) a study of the impact of MEP, and (c) informal benchmarking that looked into the pre-university-admission English programme details (i.e., content, placement or entrance, class hours, and resources/facilities). The following recommendations are put forth: 1) that AMAIUB adopt an international, standardized exam to determine the proficiency levels of language programme enrollees; 2) that AMAIUB increase the number of class hours; and 3) that AMAIUB provide additional Speech Laboratory rooms (in anticipation of the desired increase in class hours for each of the three PREN courses).

Keywords: Preparatory English program, Modular English Program, instructional effectiveness

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## Literatures of the World: The Literary Approach to Better Understanding of the Rise and Development of the Ancient Civilizations

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### Abstract

This study anchored its basis from the theory of Literary Historicism which is a field of study devoted to grasping a relationship that links a literary work to social and historical context. In as such, this study also dealt on writing as a product than and a process. Generally descriptive, this study used historiography and literary criticism as approaches; hence, reflect the ancient civilizations from the

selected masterpieces with characteristics that are universal and timeless. The writers used literary devices to achieve full effect of their works for better understanding and appreciation. Moreover, historiography and literary criticism can work hand and hand to bring an alternative approach in understanding of the study of ancient civilizations. Likewise, they can be discerned as a potent means for appreciating the genius behind the works.

Keywords: Ancient Civilizations, Figurative language, Historiography, Literary Criticism, Literary Appreciation



Microbial and Spectroscopic Assessment of Elemental Composition of Edible Clams  
(*Mercenariamercenaria*) in Bahrain

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*Natural Sciences*

**Abstract**

The study aimed to determine the Microbial and Spectroscopic Elemental Composition of Edible Clams (*Mercenariamercenaria*) in Bahrain. Specifically, it determined the elemental composition and their concentrations was compared with the normal composition of daily serving of clams. The determination on the presence of microbes was also done and microbes present were identified. Clams samples were collected along the seashore of Tubli in the Kingdom of Bahrain where they are abundantly found. The collected clams were transported to the Biochemistry laboratory for analysis. The spectrophotometer was used to determine the elemental composition which were limited to the analysis of calcium, chlorides, magnesium, sodium, iron and zinc. Results show that the elemental composition of the clam on calcium, magnesium, sodium and chloride were found to contain higher composition as compared to the normal elements found on daily serving of clams which may be due to the nature of substrate found in the area where the edible clams were collected while the composition of potassium, copper and iron was found to be lower than the normal elemental component of daily serving of clams which means that these elements are not that much in the area where the clam samples were collected considering that clams are considered scavengers. Lastly, the analysis on zinc was found to have same concentration when compared to the normal elemental composition on clams. This indicates that chlorides in the area where the samples were collected are minimal knowing that chloride is one of the major inorganic anions present in water and sewage which is responsible on the salty taste produced by chloride concentration and depends upon the chemical composition of water. The microbial test results show that the collected clams were contaminated with fecal coliforms and cocci coliforms so proper handling and cooking it properly is one of the remedies in patronizing the clams.

**Keywords:** *elemental composition, spectroscopic analysis, microbial, clams*

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\*\*\*\*\* AMAIUB Challenges: Sports and Education Towards Environmental Sustainability

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**Abstract**

The significance of sports in the lives of men and women is undeniable and its role in promoting good environment. Researches state that sports can increase a person's self-esteem and academic performance while decreasing the likelihood of disease and engagement in dangerous activities

prevalent among respective ages. In other words, sports contribute to the physical and mental well-being of an individual that will lead the person to live a normal and a very healthy lifestyle. This study presents the challenges of AMA International University- Bahrain on sports and education towards environmental sustainability that puts Bahrain's 2030 goals on Olympism as its overarching principle in a culture of ecological sustainability. Using the explicative-reductive method of research and development, it presents its future prowess and indulgence to a bar-none curriculum plot responsive to the approaches of holistic development in education and its compliance to unified higher education curricula in a dynamic troika function as an institution of higher learning embodied in the World Declaration on Higher Education of 1988. The community will be informed that the university is creating a healthy environment for healthy personal fitness and training and that the institution is environmentally responsible in providing facilities for the stakeholders and clients that meet its long term goals.

*Keywords: sports, Sports Education, environmental sustainability, Bahrain 2030*

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### **English Proficiency Level of Technical Writing Students: Basis for Teaching and Learning Enhancement**

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#### **Abstract**

Proficiency in any language especially in English is not always perfect. Some may have a reading proficiency, but not speaking proficiency. To improve one's proficiency, it takes practice. With the desire to improve the quality of English proficiency level in AMA International University - Bahrain, the researcher attempted to investigate the English proficiency level of technical writing students. The results of the study revealed that majority of the respondents are generally good in English grammar and reading but had poor level of proficiency in writing. Of the three English proficiency levels, only grammar had shown influence to the respondents' sex profile. The study further revealed that the English proficiency levels, including grammar, reading and writing, are not significantly related to the academic achievement of the respondents. It is recommended that deeper evaluation and analysis should be undertaken to come up with real variables and predictors that would really affect and influence the students' level of proficiency and academic achievement and eventually create and produce the best teaching and learning enhancement program.

*Keywords: , English language, proficiency, technical writing, learning enhancement*

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### **A Comparison of Scientific Heuristic and Traditional Methods in Teaching Selected Topics of Algebra**

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#### **Abstract**

Heuristic methods, heuristic strategies, or simply heuristics, are rules of thumb for making progress

on difficult problems. A non-rigorous method of achieving solutions to problems, ideas that have been useful in previous problem solving that might apply to solve current problems. This is an experimental study, made use of the non-randomized experimental and control groups, pretest-posttest designs. The experimental and control groups were two separate intact classes in College Algebra. For a period of twelve sessions the experimental group was subjected to the scientific heuristic method, but the control group instead was given lectures on selected topics of College Algebra. Using a non-parametric statistical test, particularly the Wilcoxon Rank-Sum test, results showed that students in the experimental group performed significantly better than the control group in the post- test. On the other hand, the Fisher's Exact Probability Test yielded very statistically significant different proportions in the post-test scores between the experimental and control group. It is highly recommended that integration of scientific heuristics method in teaching mathematics is necessary.

*Keywords: scientific heuristic, teaching mathematics, algebra, traditional method*

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## Mathematical Model for Classical Cryptography

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### Abstract

In this article, a mathematical model for classical encryption of a plain text for secure confidential information through unsecure channel is presented. The method of encryption is based on the generation of prime numbers, seventh order number system , and mathematical theory of matrices. The matrix A for the plain text is formed for simplicity of calculation. The result showed that this model provides an acceptable secure exchange of information within a close circle net of a company and it can be on wider than that. The 7 system is a system with seven numbers namely (0,1,2,3,4,5,6) with radix 7 and can be changed by any decimal number or other system number to the 7 system. The Receiver has the password and the process of encryption to decrypt the message. The model can be wider through bilingual and other system of numbers.

Keywords: cryptography, prime numbers, seventh number system and Theory of Matrices

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## Developing a Repertoire of “Situated Creation and Problem-Based Instruction” Model

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Sciences*

### Abstract

The Situated Creation and Problem-Based Instruction model is a tool for instruction to train students' ability to pose problems, and then promote their ability to coordinate the development on problem posing, problem understanding, and problem solving from mathematics angle. Specifically, this study aims to develop mathematics situations in College Algebra, the possible mathematical responses in posing problems according to problem type, and the possible mathematical problem posing in situated creation problem according to levels. Results showed that there are thirteen developed mathematics situations from the core topics of College Algebra. All core topics of College Algebra are represented by the possible mathematical responses in posing problems according to problem type:

first – general statement, second – simple mathematics problem and third – development problem. There are 85 mathematical problems posing in the situated creation problem according to the five levels. Sixty-four percent have possible six or more problems that are mathematical and at least one of the third type, 18% have possible four or more mathematical problems, and at least two of the second type and 18% have possible six or more mathematical problems and at least two of the third type.

Keywords: situated creation, problem-based instruction, problem-posing



## Monitoring and Controlling Carbon Dioxide Level in the Atmosphere and Effect on Global Warming

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### Abstract

The study aims at monitoring and controlling carbon dioxide level in the atmosphere. The level of CO<sub>2</sub> in the atmosphere affects global warming. Layered materials have been synthesized using solid state reaction. The layered material, MnPS<sub>3</sub> can be used to trap CO<sub>2</sub>. Also, the CO<sub>2</sub> level in atmosphere was monitored relying on the data recorded by international research institutes. As estimated, the annual rate of CO<sub>2</sub> level increases by 2.07 ppm. The maximum level of CO<sub>2</sub> is about 401.88 ppm in May 2014. This means that the emission of CO<sub>2</sub> is not well controlled. The concern towards CO<sub>2</sub> emission increases, therefore the level of the CO<sub>2</sub> decreases to 395.28 ppm in September 2014. Also, it is observed that the level of CO<sub>2</sub> has been reduced during summer time, especially from May to September. This observation can be rationalized that the industrial activities decrease during summer time. This will reduce the consumption of fossil fuel which will reduce the amount of CO<sub>2</sub> emitted into atmosphere. Annual global costs of climate changes are trillions of dollars. Under controlled emission of CO<sub>2</sub>, this cost can be reduced. Therefore, controlling fossil fuel consumption can be a solution to reduce the level of CO<sub>2</sub> in the atmosphere. Layered materials can be used as a filter to trap CO<sub>2</sub> emitted from cars. A model has been proposed to trapping the CO<sub>2</sub> emission of cars. The model relies on the layered material.

Keywords: global warming, carbon dioxide emission, global cost, layered material, trapping CO<sub>2</sub>

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## English Language Anxiety: The Case of Arab Students

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### Abstract

This study sought to determine the level of the English language anxiety of Arab students and their attitude towards English. This was conducted to 110 students enrolled in any English course during the First Trimester of the Academic Year 2014 – 2015. The students were classified according to their age, sex, programme, and status. The Foreign Language Classroom Anxiety Scale and Students' Attitudes towards English questionnaires were utilized. A focused group discussion was also done to selected students. Results revealed that as an entire group, the students' English language anxiety was fairly anxious. When grouped according to age and programme, the students were also fairly anxious. There are significant differences on the students' levels of English language anxiety when classified as to sex and status. Females have higher level of anxiety than males and working students were found to be more confident than non-working working students. Moreover, as an entire group and when classified as to age, sex, status, and programme enrolled, the students exhibited a positive attitude towards English. There are no significant differences in the attitude towards English when students are grouped as to age, programme enrolled, sex, and status. A significant relationship was noted between English language anxiety and attitude towards English.

Keywords: English language anxiety, attitude towards English, Arab students, anxiety

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#### Flux Density of Migratory Birds: Determinant of the Status of Marine Environment

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#### Abstract

An annual seasonal cycle of flux density of migratory birds was conducted as determinant of the status of marine environment in the Kingdom of Bahrain. Specifically, this study aims to determine the number of migratory birds at varying annual cycle; calculate the population flux density and percent population flux density; and evaluate the over-all status of the marine environment in terms of its carrying capacity. Results showed that population flux density of migratory birds is highest in 2013 (2720) and lowest in 2011 (2242). This is an indicator of the change in ecosystem resources which provided an impact on the population dynamics of extant avian migrants. Calculations of population flux density (D) and percentages (%) for the three annual cycles revealed a high weighted mean of 544 or 54.4% in 2013, 474 or 47.4% in 2012, and 448 or 44.8% in 2011. An increase of 2.6% between the first and the second cycle and 7% between the second and third cycle in population flux density means that aquatic migratory birds preferred the marine ecosystems as their temporary habitat during seasonal cycles. The marine ecosystem can still support the growing population of migratory as evidenced by the unused resources of 45% in the first cycle, 47%, and 54% in the second and third cycles, respectively. Thus, flux density of migratory birds determined the status of the costal and marine ecosystems using a logistic model of population growth.

Keywords: flux density, annual cycle, carrying capacity, logistic model

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Assessment on the Physico-Chemical Properties of Coastal Waters in  
the Kingdom of Bahrain

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*Sciences*

Abstract

The study aimed to assess the physico-chemical properties of coastal water in Bahrain. Specifically, it aimed to determine the physico-chemical properties of Asry coastal waters and compared to the standard composition of coastal waters. Water samples were collected in Asry in the Kingdom of Bahrain and these were brought and analyzed in the Biochemistry Laboratory of AMA International University of Bahrain. Chemical analysis was done in assessing the amount of  $\text{Cl}^-$  and  $\text{SO}_4^{2-}$  while the spectrophotometer was used to determine the amount of  $\text{Na}^+$ ,  $\text{Ca}^{+2}$ ,  $\text{Mg}^{+2}$  and  $\text{Fe}^{+3}$  and have been found out that these components are quite higher when compared to the normal composition of coastal water. Total Dissolved Solid was also carried out and same was observed on the above mentioned ions. Total Suspended Solid was the only parameter found to be less when compared to the standard composition of coastal water indicating that the said coastal water in the area where the samples were collected is clear and found to contain less amount of suspended solids; hence, it is safe for swimming activity though it was not confirmed though microbial test. Lastly, the determination of pH was carried out with an average pH of 8.0 which is still within the standard pH for coastal waters ranging from 7.5 to 8.5. However, this value must be monitored since the amount of dissolved carbon dioxide in coastal water may lead to increase in pH making it acidic which can harm marine organisms. Likewise, the discharge of unwanted substances like road deicing, reclaiming activity, extraction of oils, excessive extraction of fresh water underground and oil spills may also alter the physico-chemical properties of coastal waters. In so doing, monitoring must be done to assess its quality if it is favorable or not as suggested by previous researchers.

Keywords: physico-chemical properties, coastal waters, spectrophotometer, total dissolved solid

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### Is Recycled Cement Aggregate a Viable Option for Bahrain?

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#### Abstract

There is so much construction going on in the Kingdom of Bahrain, as well as demolition of buildings that it would seem viable that materials from demolition sites and waste from construction sites could be recycled instead of being placed in landfill, or used in land reclamation. Therefore, a survey for concrete and cement manufacturing companies was devised to assess the level of awareness of the potential of recycling cement aggregate. The bulk of construction and demolition (C&D) waste is dumped in the Askar landfill. As the life of the landfill is rapidly approaching a state of being “full” and no alternative or new landfill has been proposed as yet, it would be prudent to try to minimize the amount of bulk waste being dumped in the landfill. The main cement producing companies were approached and their qualitative responses are evaluated in this research. Local cement demands are met, not just by local production, but also by a significant amount of imported materials from neighboring GCC nations. So even though the construction industry is expanding, the local cement production remains steady. The use of recycled cement aggregate is very tractable in waste management processes. However, there is considerable reluctance to adopt the reuse – recycle practice for practical reasons such as a large amount of cement materials are imported. This reluctance is reinforced, not by lack of awareness, but by lack of financial incentives and government mandates to lower bulk waste being directed to the landfill. Keywords: concrete aggregate, cement, construction, demolition, industry

Methods of Grouping in a Flipped Classroom Model: Effects on Students' Achievement in Differential Calculus

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Abstract

This study aimed to raise the achievement level of students in Differential Calculus using Direct Instruction with Enhanced Group Moore Method in a flipped classroom and Small Group Method. The quasi-experimental method of research was used. The study also employed qualitative and quantitative analysis relative to data generated by the Achievement Test and Math journal with follow-up interview. Within the framework of the limitations of the study, both methods of groupings revealed a significant increase on the gain scores within each group but no significant difference was obtained between groups (control and experimental). However, a slight difference of mean gain scores in the Achievement Test was revealed in favor to the experimental group. Moreover, qualitative assessments further showed that both grouping methods develops self-confidence, encourages effective communication and facilitates exchange of ideas towards a common goal. The students from both groups were in favor with the sequence of the presentation of the lesson, especially with the incentives given.

Keywords: enhanced group Moore, flipped classroom environment, small group method, direct instruction, cooperative learning

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### **Collaborative Writing: Basis for Enhancing Course Structure and Improving Students' Content- Based Writing Competency**

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Social Sciences*

#### **Abstract**

This study aimed at enhancing and improving the pre-requisite courses of Technical writing after determining the status of the students' academic writing skills. The ENGL502 final term group projects were used as the subject of this study. Descriptive method was utilized because the present study's concerns were the conditions (data handling, language and mechanical skills) that existed. Rubrics were prepared for appointing points. Statistically, the Analysis of Variance was used to determine the difference of the scores gathered from the projects and the mean. Least Significance Difference was used to find out which among the results differ from each other where significant differences were noted. Mean was used to determine the academic writing status of the students. In addition, Pearson Correlation Analysis was used to find the relationship between paired language focus forms. The results reveal that most students did not follow the basic process of writing which resulted to incoherent order of ideas in the texts of their projects. On the other hand, it implies that many students have no clear understanding on the concept of referencing: acknowledging the source of ideas used fairly collaborated from one another because most ideas from other sources were not properly cited. The projects even done collaboratively do not suffice the assumption that it would result an impressive output after the students have taken the pre-requisite courses. It is recommended therefore that the basic language focus forms be allotted with learning time suited to the level of the needs of the students in studying Basic English courses. In addition, there are language focus forms to be included in the course structure and specifications of Basic English courses. The rudiments of grammar and the discipline of writing are the pedagogic tools of the students to produce an impressive writing output.

Keywords: Collaborative writing, data handling, language competence and mechanical skills

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Developing a Repertoire of Picture-Clued Vocabulary in Teaching  
Spanish as a Foreign Language

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**Abstract**

The development of picture-clued vocabulary in teaching Spanish as a foreign language for AMA International University – Bahrain students brings light to the improvement of English language education in the university. Studies show that for learners to understand and master a word, one has to work with the word many times. It is dependent on the learning capability of the student before he could learn the vocabulary. But a trying hard learner may need to work with a word a number of times before he could master and comprehend the meaning of a new word. What learners have to do is to have a visual image of the word. The use of visual materials opens an avenue for students to develop a new range of skills—the skills of visual literacy. The ease of using pictures could contribute and have positive effects to the students' motivation especially to learning vocabulary. For the expected outcomes, illustrations of English vocabulary with Spanish equivalents accompanied by an image or a picture were presented showing at the same time the different characteristics of the particular word. At the end an instructional model has been presented showing the familiarization of the Spanish words, distinguishing the gender and number of nouns, agreement of adjective and the noun and the distinction between the noun, adjective and the verbs. This is a descriptive research which aims to develop a repertoire of picture- clued vocabulary in teaching Spanish as a foreign language for the students. The research is undertaken to give light on the language interaction and learning of students in the Spanish course.

**Keywords:** Repertoire, picture-clued, Spanish language, foreign language

# The Efficacy of the Remedial English Program in Learning Regular University English Courses

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Sciences

## Abstract

This study investigated the learning impact of the Preparatory English Program(PREN) in learning regular university English courses. Class marks of 612 students in the PREN Program and English 401 were used as indicators of their learning behavior and academic performance in English. Using causal comparative research design, the study presented the learning topography of the PREN program. Causation and influence manifestation were the main factors in analyzing the main purpose of the study. It was found out that the number of PREN taken is not a predictor of success in taking regular English courses. The number of PREN does not commensurately affect the students' performances in the regular English courses. The foregoing results can be used as a baseline data in redesigning and reengineering the program if it is going to be effective as envisioned. Hence, a new design of the university's Remedial English program is recommended.

Keywords: efficacy, Remedial English, learning, students

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## Working Students at AMAIUB: Their Pains and Gains

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### Abstract

This quantitative study ascertained the problems encountered by the working students, their coping mechanisms, and the benefits derived from their dual roles. A total of fifty students enrolled in the higher years were the participants in the study. Twelve students were from the College of Engineering (COE), 33 were from the College of Administrative and Financial Sciences (CAFS); and 5 were from the College of Computer Studies (CCS). The statistical tools used for quantitative results were frequency count and ranking. Conducted from May to July 2015 in the Kingdom of Bahrain, the results were as follows: (1) Generally, working students' common problems include stress, as they have difficulty balancing their work and studies. They miss their family and friends, they get low marks due to work demands and absenteeism caused by their official function; (2) Despite the dual roles, between work and studies, students still catch up with their family and friends during weekends to unwind, learn the skill of time management by organizing their daily routine, and do relaxation- related activities; and (3) As to benefits, financial security gives them a desirable lifestyle other than their need; their present job is related to their career goals; and the experience and skill learned are appealing to their future employers.

Keywords: working students, pains, gains, coping mechanisms, benefits

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## Motivational Factors that Affect the Students' Academic Achievement

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### Abstract

This study aimed to determine the level of motivational factors of ARAB students affecting their academic achievement. Descriptive method was employed in the conduct of this study to describe the level of motivational factors of the said respondents. The research yielded the following findings: the academic motivation of students in terms of expectancy is moderately true to the respondents; while motivations in terms of incentives and motive are true to them. Furthermore, the students' academic achievement is largely influenced by parents and teachers as well. However, they are moderately influenced by peers to their academic achievement. While the respondents' academic achievement is

significantly related to motivational factor on expectancy only. It is said that there is a significant relationship between the respondents' academic achievement and their motivation. Likewise, the respondents' academic achievement is not significantly related to the influence parents, teachers, and peers. It means that there is no significant relationship between academic achievement and influence of significant others.

Keywords: motivational factors, academic achievement, significant others, expectancy, motive, incentives

## Linguistic Barriers of Employees and Multilingualism Strategies of International Companies

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### Abstract

The Kingdom of Bahrain is one of the most welcoming places to work especially for the expatriates. Since Bahrain's major lingua franca is the Arabic language, English has turned into the most acceptable and practical language for intercultural communication. This study aimed to determine the linguistic barriers faced by employees and the multilingualism strategies of international companies that address these issues. Conducted to 150 employees of international companies in the Kingdom of Bahrain, the study utilized the Language Barriers and Language Management questionnaire by Kamila Barbara Grzeszczyk (2015). The findings revealed that the top language barriers in the workplace include: use of jargon, which includes over - complicated, unfamiliar and/or technical terms; difficulty in understanding unfamiliar accents; inefficient or inappropriate information systems and communication channels, or where there is a lack of understanding of the employees' roles and responsibilities for communication; not being able to understand the non-verbal cues, gestures, posture and general body language; and expectations and prejudices which may lead to false assumptions or stereotyping. Moreover, the top ways on how the employees deal successfully with the barriers are: speak slowly and clearly; learn about the cultural background of the coworkers; be patient; never assume that communication with someone with limited English-speaking abilities has been understood; and respect individual differences, abilities and personalities. Lastly, the most common multilingualism strategies employed by international companies are as follows: use professional translators/interpreters; offer language training and cultural briefing schemes, including online language learning; provide an orientation program for new hires that addresses some of the cultural differences and language barriers; translate all relevant documents into English; and provide sensitivity training to native workers.

Keywords: language barriers, workplace communication, communication strategies, communication of expatriate workers

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## A Formalistic-Interpretive Approach to the *Enuma Elish (Epic of Creation)*

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### Abstract

This paper inquired into whether the *Enuma Elish*'s formal features support Sitchin's neglected view that the epic accounts for how the solar system came to be. The findings of the study include the following: 1) the major episodes of the epic point to a conflict *first* between Apsu and the younger gods due to the latter's troublesome behavior (which ended with Apsu's death at the hands of Ea), and *second* to a renewal of this conflict between Apsu's wife, Tiamat, and Ea's son, Marduk (which ended with Tiamat's death and Marduk's creation of "the skies" and "earth" out of her corpse); 2) the *setting* points to space in the first four tablets and part of the fifth; in parts of the fifth and in all of the remaining two tablets, the setting shifted to earth; 3) except for the yet to be seen Marduk or Nibiru, the *characters* or "gods" are, on closer scrutiny, references to most of the celestial bodies comprising

the visible solar system; 4) the *plot* of the epic appears to provide the narrative subtext as elucidated by Sitchin, namely: that the newly born planets had very erratic orbits, that Neptune must have affected the Sun's planet-making capacities some time in the distant past; that the orbital paths were only stabilized after the hypothetical Twelfth Planet called Nibiru, pulled into the solar system by Neptune, eventually collided with Tiamat—resulting in the formation of the Asteroid Belt and Earth (as we now know it) from its two separated halves.

Key words: Twelfth Planet, Sumer, Enuma Elish, Epic of Creation, Babylonian cosmogony, Sumerian literature, Sumerian mythology

## Learning Spanish Language: Motivations and Challenges Affecting Arab College Students

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### Abstract

Concern over low performance in learning Basic Spanish as a foreign language is evident among the students whose first language is Arabic (L1). This alarming situation has become prevalent among the Arab college students who still have inadequacies in English as Foreign Language (EFL). The condition poses challenges to both teachers and students of Spanish language (L2) in the tertiary EFL classrooms as it is commonly observed by the language teachers and the researcher himself. Hence, the importance of this study which, by using a semi-structured interview and focused group discussion (FGD), was conducted with the primary objective of finding out the motivations and challenges affecting Arab tertiary students enrolled in classes of FLAN501(Basic Spanish) and FLAN502 (Advanced Spanish). The participants were purposively chosen based on the following considerations: students enrolled in Spanish Class; had the ability to communicate in English; and had good class standing. Most of the participants had been externally motivated. Most students would like to travel to Spanish-speaking countries in the future and the desire to learn people's cultures. While learning Spanish language, most of the students were experiencing difficulty in applying vocabulary producing correct vowel and consonant sounds, grammar rules, translating Spanish phrases and sentences, and conjugating and using irregular verbs. Applying grammar rules was considered the most challenging tasks among the participants followed by translating and conjugating irregular verbs.

Keywords: Spanish language, EFL/L2, motivations, challenges, Arab college students

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## Teachers' Behavioral Inventory of CGE Faculty at AMAIU-Bahrain: Basis for Enhancement of Teacher's Performance

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### Abstract

Education is a two way process. The teacher is undoubtedly a great factor and so are the students. It is a tie relationship wherein one should give and the other must take and vice-versa. Thus, successful teaching is that which brings about effective learning. The quality of learning is intimately related to the quality of teaching and better learning should also involve heart and humanistic approaches. It is in this delight that teacher's behavioral inventory from Center for General Education department mainly came from Natural Science, Languages and Literature, Mathematics, and Humanities and Social Science is given emphasis and conducted last second tri school year 2012-2013. It has the following aims: determines the level of performance of the faculty members of the four departments, determines the difference of the level of performance among the faculty, determines the difference of the level of performance between male and female faculty. The Guidance Office administered the questionnaire before the trimester ends. It deals with twenty (20) indicators. This serves as the main instrument in data gathering, to find out the performance of the faculty. SPSS was used to compute the mean, weighted mean. ANOVA and T-Test..Mean were used to determine the average of all indicators for each department, and ANOVA was used to compute the difference of the TBI results.

Two of the departments, Humanities and Social Science and Mathematics got an outstanding performance. Natural Science and Languages and Literature got a very good performance. There is no significant difference on the level of performance among the faculty, and no significant difference on the level of performance between the male and female faculty. Most of the faculty obtained a very high performance (outstanding and very good) based on the TBI results. There was no gender discrimination.

Keywords: Teachers' Behavior Inventory, Teachers performance

## Students Conceptions of Assessment: A Case Study for Undergraduate Students in Bahrain

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### Abstract

Assessment practices in higher education have crucial part of the teaching and learning cycle. Research has shown the way students perceive the purpose of assessments could impact their engagement with the assessment practices and consequently influence the effectiveness of these practices. This research aimed to investigate the students' conceptions of assessment in Bahrain context. Using Students Conceptions of Assessment (SCoA) inventory that focuses on four conceptions of assessments (i.e., improvement, students accountability, university accountability and irrelevant). Assessment for student accountability had the highest endorsement by students and assessment for improvement as second most agreed concept of assessments. Both improvement and student accountability had strong relationship, which plausibly show that students conceptions of assessment matches with HEC assessment policy of using formative and summative assessments.

Key words: Assessment conceptions, improvement, student accountability, institution accountability

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## Factors Affecting Students' Choice of College/University to Transfer: An Analysis

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### Abstract

This study aimed to analyze the factors like student transferee(s)' profile (age, gender, marital status and employment status), academic qualification (number of years/year level in the university, special talent/skill, performance level and chosen programme), economic consideration (gross annual income, distance of students' place and work and study at the same time) and source of reference (manager and co-workers, social media, family and relatives and friends/peers) that affect students' choice of college/university to transfer in order to exert a potent influence that could make constructive changes in their lives. In this way, a better understanding of which factor contributes to the reasons why they transfer is the major concern of this study. This is a descriptive research design utilizing survey questionnaire. The population was composed of three hundred nine student transferee(s). Descriptive statistics using frequency distribution, percentage, mean, standard deviation, averaging and descriptive ratings based on 5-point scale were utilized. Two-tailed Pearson correlation results indicating statistically significant difference at 0.01 and 0.05 levels were employed. Therefore, the null hypothesis stating that there is no significant relationship in these areas was rejected and its negative/positive correlation depends on circumstances where these variables were not congruent in estimating the value of influence on transfer.

Keywords: factors in choosing a university, reasons of college transfer, student transferees

## Outcome- Based Learning of the Social Science Courses: Insights from University Students

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### Abstract

This study aimed to determine the Outcome-Based Learning (OBL) of the Social Science courses as perceived by the university students. A validated questionnaire was distributed to 243 working and non-working university student- respondents. This study made use of the descriptive research method to determine the implementation of the Outcome-Based Learning of the Social Science courses in all university programmes. The gathered data from this study were subjected to descriptive statistics such as means and standard deviation; ANOVA and t-test were also used for the inferential statistics. Results revealed the following: the respondents perceived that the OBL of the Social Science courses have valuable relationship to their degree programme; learning outcomes are clear and understandable to them; both male and female respondents have shared the same positive feelings towards OBL of the Social Science courses; and teaching approaches allowed them to achieve the intended learning outcomes of the courses. The OBL proved significant to the university non-working respondents and less significant to the working students.

Keywords: Course Assessment, Directed learning, Independent Learning, Outcome-Based Learning

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## English Language Oral Communication Needs at the Workplace: Feedback from Student-Trainees

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### Abstract

Engineers, computer analysts and business personnel are in-demand professions in Bahrain. However, English as the universal language or lingua franca in both multinational and many local companies in Bahrain has been a necessity. The quantitative research was undertaken to report an investigation on the English language oral communication needs at the workplace with the feedbacks from AMA International University Bahrain trainees. Researchers reported that many employees encounter problems in conversing and communicating well in English and often cannot speak fluent English in meetings, public speaking and oral presentations. The findings of the study emphasized the necessity to equip the graduates with oral communication skills and confidence to ensure that they can work and deliver effectively at the workplace. Hence, schools and universities should have a very close and tight monitoring on the needs and problems of the companies to be integrated in their programme and bridge the skill gap between what the industries expect and what the universities offer for the students.

Keywords: communication needs, workplace, feedback

## University Students' Preferences for Assessment Methods

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### Abstract

Students in Bahrain have a very restricted role in their learning process. In regards to assessment, students are infrequently asked about their preferred assessment methods and procedures. This might affect students' views about the learning system in Bahrain, especially because they do not have any means of managing their own learning. Therefore, the main purpose of conducting this study was to give university students in Bahrain an opportunity to express their preferences for assessment methods, particularly assessment types (AT) and item formats (IF) for two core courses: Arabic and History. This study also aimed to generate more understanding about some of the variables that might influence or relate to students' preferences such as gender. The central question in this study is "Which assessment types (AT) and item formats (IF) do university students in Bahrain prefer for Arabic and History?" For each subject, one sub-questions was formulated: (a) Are there significant differences in students' preferences for AT and IF by their gender? A quantitative survey method of investigation (API questionnaire) was used to generate data from 200 participants from different universities in Bahrain. The collected data were then statistically analysed using both descriptive analysis (percentages, mean scores, and standard deviations) and inferential analysis (independent sample *t*-test). The findings of this study indicated that participants were able to identify their preferred AT and IF for two courses. This study revealed some new findings in regards to the influence of gender on the participants' preferences for assessment methods.

*Keywords: Assessment methods, assessment procedures, assessment types*

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## Moodle Utilization: Its Effect to Higher Education Institution's Academic Learning

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### Abstract

Learning styles, study habits have changed since the advent of technology. Classrooms have become millennial with elearning. Students experience virtual environment with their access to moodle. Both the instructors and the students benefit largely from the moodle applications. This study investigated on the student conceptions of the effectiveness of moodle to academic learning. With the internet and the gadgets like the mobile and the laptops, students experience virtual learning environment. The elements of descriptive method in conducting a research supported the results of this study. Students visit and use the moodle for their academic learning. The moodle is one valuable avenue of measuring the students' interest in improving their academic performance; hence it is recommended that instructors encourage students to use the moodle, and teachers should maximize the programs in the moodle for more effective teaching as extension of the classroom.

*Keywords: moodle utilization, elearning, virtual learning environment*

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## Integrative and Instrumental Motivation in Learning English as a Foreign Language in Secondary Schools

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### Abstract

Every one yearns to have motivation and a motive for accomplishment. Second and foreign language learner must be given the chance to be motivated and accomplish their education in the target language. The reason of the study is to observe the students' integrative and instrumental enthusiasms for learning English in the Kingdom of Bahrain's higher secondary schools. Moreover, the study identifies the aspects upsetting the student's motivation. A sum of students contributed in questionnaire-based interview showing their orientations for learning English and what concerns negatively their English learning motivation. Based on the results, the information revealed that students have a higher degree of instrumentality than integrations. Similarly, difficulties with the learning English included aspects such as lexis, sentence structure, difficulty of structure and spelling errors. These were the demotivating features of learning English.

Keywords: *Motivational approaches, Second or foreign language teaching, EFL instructors*

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# COLLEGE OF ENGEENIRING (COE)

## *Student's Capstone/Design Projects:*

- SY2008-2009
- SY2009-2010
- SY2010-2011
- SY2011-2012
- SY2012-2013
- SY2013-2014
- SY2014-2015
- SY2015-2016
- SY2016-2017
- SY2017-2018
- SY 2018-2019
- SY 2019-2020
- SY 2020-2021
- SY 2021-2022
- SY 2022-2023
- SY 2023-2024
- SY.2024-2025



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**List of Capstone Projects SY 2008-2009**

Accession Number	Student Name	Project Title
173	05502065 SAIRA LATIF, 05501985 FIEZVER LEGASPI	B.A.S.I.C ROBOTIC ARM
169	ABDULRAHMAN ABDULLA, ALI RASHID AL-JOWDER, THOMAS CHANE	SECURITY ROBOT

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**List of Capstone Projects SY 2009-2010**

Accession Number	Student Name	Project Title
248	WADIA ISA JUMA (BH05502107), AHMED ALI AHMED (BH06500252), ALI.A.ALI FAKHRAWI (BH06500610)	AUTOMATED CHAIN LUBRICATOR
247	KHALIL SALMAN RADHI (BH06500768), EBRAHIM ALI HUSSAN (BH 06500678), HUSSAIN J A.KAREEM (BH06500237), EBRAHIM MOH'D (BH05502491)	LEVEL CONTROL PID TRAINER
257	MOHAMMED AL-QASSIMI (BH06500158), ABDULLA AL-FRAHAT (BH05502092), DARWISH AL NUWAKHTHA (BH06500054)	MAD ROBOT
256	SAMI JAFFAR, ANWAR ALI, HUSSAIN ALI , MOHAMMED HILAL (05502528)	TEMPERATURE PROGRESS CONTROL TRAINER
355	S MOHAMMED FAISAL (BH05502424), ALI GHULOOM (BH05501993), S.HUSSAIN FAISAL (BH05502423), HUSSAIN SALMAN (BH05501998)	ELECTRIC CIRCUITS MODULES
255	MAZIN SALAH MOHAMED, MOHAMMED MOHAMED, ABDULLA ISA AL NASOOGH	PLC BASE FORMING STATION
258	FAHAD AL DOSERI, HASAN MUATH HASAN, PRINCE AEVIN A.AGANA	SYSTEMATIC CHOCOLATE ARRANGER ROBOT
366	ABDULLA FAREED A.RAHMAN AL SAAD, GHASSAN NASER	AUTOMATED PELLET PACKAGING
	HASAN GHANNAM, HAMAD JASSIM AHMED FARDAN, KAMEL MOHAMED JAFFAR RASHED	MACHINE
367	AHMED SUWAILEH (BH05501961), NAWAL RABIA (BH05501960),	AUTOMATIC BRIDGE

	MOHAMED AL BAHREY (BH05501739), SULTAN AL OTABE (BH05501617), ALI SABER (BH05501712)	
453	HUSSAIN ABDULLA ABDULLA AL NAJJAR, AHMED MOHAMED EBRAHIM ALI, SAYED MOHAMED ABDULLA SHARAF, ALI HASAN MANSOOR AL MOSAJEN	PLC BASED FLUID BLENDER
369	HUSSAIN EBRAHIM AL MAWLANI (BH05502360), JABER HASAN ALI (BH06500815), SAYED ALI SAYED FAISAL (BH06500927)	PLC CONTROLLED ICE CREAM STATION
451	MAHMOOD AHMED (BH07500813), YASSER ALI (BH06501055), HASSAN ABDULLA (BH07500653)	PID STEAM TRACING MACHINE
450	MUSAB ALTHWADI (BH06500582), AHMED HUSSIN (BH06500924), NASER IBRAHIM (BH06500183)	PICK & SORTING ROBOTIC ARM

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**List of Capstone Projects SY 2010-2011**

Accession Number	Student Name	Project Title
468	HASSAN SALMAN (BH06500754), ALI EBRAHIM (BH05502501), MAHMOOD ABDULHUSSAIN (BH06501017), MOHAMMED DAWOOD (BH06500265)	PLC BASED FLOURSCENT LAMP CRUSHING MACHINE
537	MOHAMED ADEL ALSAEED (BH07500172), ALI HASSAN MARHOON (BH07500473), SAEED SAMEER ABU ABDUH (BH07500101), PATRICK ARROYO ACEJO (BH07500091)	AUTOMATED MIXING AND CLEANING MODEL
538	ESSA NAWER AL-JOWDER (BH06500050), KAMAL ALI KAMAL (BH06500015), S.MOHAMMED ISMAIL (BH06500541)	MANUALLY CONTROLLED ROBOTIC ARM
536	OMAR ZAKARIYA KHANJI (BH07500044), KHALID JUMA AL- KAABI (BH06500942), HAMAD HASSAN	PLC BASED PAINTING, DRYING AND SORTING MACHINE

	HAMAD (BH07500133)	
535	SAYED JAMEEL ALAWI (BH07500547), JAFFER YOUSIF (BH07500608), JAFFER AL FARSAWI (BH06501004)	PLC BASED PUNCHING MACHINE
648	HUSAIN ISA ISMAIL (BH06500422), ZUHAIR MANSOURI (BH07500532), AHMED SALMAN (BH07500235), SALMAN DUAIJ (BH05501721)	ALLEN BRADLEY PLC BASED ROBOTIC LABORATORY TRAINING STATION
653	KHALID MASOUD (BH07500008), JASSIM ALHAMAD (BH06500766), HAZEM ALHAJJI (BH07500731), MOHAMMED AL ESMAR (BH07500739)	AUTOMATED CAR PARKING SYSTEM
651	ALI ABDULHUSSAIN JABER (BH07500402), S. HUSSAIN SHUBBER AL WEDAIE (BH07500188)	BUILDING MANAGEMENT SYSTEM (B.M.S)
643	JAFFAR SALMAN (BH07500274), SAMI MARHOON (BH07501051), S. MADHI HASSAN (BH07500478), YOUNIS SALMAN (BH07500285)	DUCT CLEANING ROBOT
645	ALI EBRAHIM DIHAF (BH07500943), S. HUSSAIN ALALAWI (BH06500977)	LIQUID FILLING BOTTLING STATION
650	JAFFAR ALI JAFFAR (BH07500438), ISA AHMED ISA (BH07500439), KHALIL IBRAHIM (BH05501188), HAMAD MOHAMMED (BH05501651)	MICROCONTROLLER BASED PICK AND PLACE ROBOT
652	HASSAN JAFFAR SADIQ (BH07500549)	PIPELINE HOLE CHECKING ROBOT
655	FADI AMOUS (BH07501435), MUSTAFA ALSADAH (BH07501017), HASSAN MOHAMMED (BH07501579), MOAYED BABEKER (BH06500035)	PLC AUTOMATED DRILLING AND SORTING MACHINE
647	AHMED AL KHUZAI (BH05502551), MOHAMMED AHMED (BH06500268)	PLC BASED CAPPING DETECTION SYSTEM
649	ALIISA ALANSARI (BH06500831), S. MOHAMMED JALAL (BH06500540), MAHMOOD TAHA HUSSAIN (BH06500843), A. RAHMAN ZAMAN (BH05501964)	PLC BASED FILLING AND SEALING STATION
656	RAOOF ABDULLA (BH07500290), HABIB ALI ISA (BH07500275), MOHD KHURSHID (BH07500880), MAHMOOD ABBAS (BH07501224)	PLC BASED FORMING COLLECTING AND STAMPING MACHINE

646	MAHMOOD AHMED DHALMEN (BH06501011), AHMED ABDULLA AL HADDAD (BH06501012), YOUSIF KARIMI (BH07500518)	PLC CONTROLLED MIXING STATION
644	RASHID SABAH ALJALAHMA (BH05501576), SALAH ABDULLA TAHA (BH06500745), KHALID MOHAMED RASHID (BH07500940), ABDULLA EBRAHIM SALEH (BH07501043)	PLC CONTROLLED DISTRIBUTING AND PACKING STATION
654	MOHAMED AHMED ALMAL (BH07501254), ISA ALI MOHAMED (BH07500358)	PLC SIMULATION WORK STATION

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**List of Capstone Projects SY 2011-2012**

Accession Number	Student Name	Project Title
690	ABDULRAHMAN TAMBAL (BH06500703), JAMES CORONEL (BH07500090), MOHAMMED HAJI (BH07500182)	PLC AUTOMATED METAL SORTING MACHINE
689	OSAMA HUSSNI AZZOUKA (BH06500005), ALI HISHAM ALNATOUR (BH07500099), ABDULRAHMAN ABUHASHIM (BH07501515)	PLC BASED FILLING AND CAPPING MACHINE
663	SAYED SADIQ MOHD (BH05502131), AHMED HAMED ALI (BH07501297), JAFFER ABDULLA ALI (BH07501521), SAYED HASHIM MOHD (BH07500286)	TENSILE STRESS AND COMPRESSION MACHINE
664	MOHAMMED BUFLASA (BH07501475), JASSIM MOHAMMED (BH07501474)	4 AXIS ROBOT SEPARATORS
712	AHMED YOUSSEF DASSA (BH06500658), MOHAMMAD ANWAR YOUNES (BH06500466), KHALID ABBAS ALSAIF (BH08500801)	AUTOMATED DRILLING WITH COOLING SYSTEM
707	HAMAD ISA MOHAMED SAKHEER (BH07501245), KHLAED MOHAMED SALIM AL KINDI (BH07500459), MOHAMED EBRAHIM YOUSIF (BH07500590), MOHAMED MAHMOOD AL YASSER (BH07500055)	AUTOMATED LIFTING AND SORTING MACHINE

708	MANSOR ALI AL KHALAF (BH06500751), MOHAMMED SAEED AL DAWOOD (BH06500520), MOHAMMED OTHMAN ALASHI (BH08500706)	AUTOMATED STEAM CAR WASH USING PLC
711	HUSSAIN JAMEEL (BH08500416), S.MAHMOOD S. RADHI (BH08500565),FADHEL AHMED JASIM (BH07500824), AHMED SHEHAB ALI (BH08500210)	AUTOMATED WATER PUMPING SYSTEM
709	WALEED ALYAHYA (BH07501370),TARIQ ALMURBATI (BH07501413),YUSUF SEYADI (BH07501441)	ENCHANCEMENT INSTRUMENT AIR DYER IN GPIC
713	MOHAMMED A HADI HASAN (BH07500734), NABEEL ARIDHA MASHHADI (BH07501026), HASAN YAQOOB (BH07501487),HAMAD BIN DAINA (BH05502153)	MANUAL SORTING MACHINE
786	MOHAMMED AL ARAB (BH07500344), MOHAMED OTHMAN (BH07501306), MOHAMMED A.NABI (BH07500857)	AUTO FILLING MACHINE
790	SAYED ALI(BH07501451), JASSIM HAJI(BH07501452), HASSAN A. JALIL(BH08500337), BASSAM ABDULLA(BH08500827)	AUTOMATED FISHING SHINKER
789	ALI SHURKI SARHAN(BH08500364), SAYED MOHAMMED ATEYA(BH08500844), AHMED MAHMOOD HASAN(BH08501029), MAHMOOD MADHI SABT(BH07500906)	AUTOMATED PLC BASED WOOD CUTTING MACHINE
788	AHMED AYOOB(BH08500408), NAWAF AL MANNA(BH08500598)I, HAMAD AL KOHEJI(BH08500601),SALEH JASSIM(BH07500731)	PLC BASED TEMPERATURE CONTROLLER INCUBATOR EGGS MACHINE
787	EBRAHIM MUKTHAR THAMER(BH06501144)	PLC SEMI AUTOMATIC LIQUID FILLING MACHINE

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List of Capstone Projects SY 2012-2013

Accession Number	Student Name	Project Title
924	WASEEM JARRAR(BH08500203),MOHAMM ED SABT(BH08500894),TALAL FAROOQ SAKABANI(BH09500815),AHMAD ALSAFI(BH09500269)	AUTOMATED FRENCH FRIES MAKER
925	A.KAREEM MOHD(BH08500173),MOHD ATEEQ(BH08501203), YOUSEF SALEH(BH08501295)	AUTOMATION OF CRUCIBLE TILTING TRANSPORT MACHINE
929	ALI AL ARADI(BH06500335), HUSSAIN AL KHUZAIE(BH05501981),MOPH AMMED AL SADIQ(BH05502507)	INSTRUCTIONAL MODULE FOR BASIC ELECTRO PNEUMATIC SIMULATION
928	ASAD KARIM KHAN(BH08501393),SYED IMADUDDIN(BH08501392),JUNAID KHAN(BH08501409)	LEAK DETECTION SYSTEM
926	EBRAHIM MOHD(BH08501076),MOH D MAHMOOD(BH08501340),A LI EBRAHIM(BH07501580)	MANUAL AUTO CAR EXTINGUISHING FIRE SYSTEM (MACEFS)
930	AHMED JASSIM HAZEEM(BH08500520),AHMED ABDULLA ALAWADHI(BH08500149),AHMED YOUSEF ALTHAWADI(BH08500694), MOHAMED JASSIM(BH07501527)	PLC BASED GAS SAMPLER
927	HASAN SAMI ALWATANI(BH08500604),MOHA MMED AHMED AL ALI(BH08500930),MOHAMMED MOUNIR ALRIFA(BH08500559),WALEED MOUNIR ALRIFAI(BH08500560)	PLC BASED PAINT MIXING SYSTEM
992	SHARIFA ALI AL- BINALI(BH06500020)	AUTOMATED COLOR SORTING MACHINE
991	HUSSAIN ALI KHAIRALLA(BH08501335), MOHSEN RADHI FARDAN(BH08501277), EBRAHIM KHALIL AL- SAYYAD(BH08500926),	AUTOMATIC/MANUAL LUBRICATION SYSTEM

	ALI HASSAN SALMAN(BH08500540)	
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**List of Capstone Projects SY 2013-2014**

Accession Number	Student Name	Project Title
1138	KAMEL MAHDI ALHADDAD(BH08500996), MOHAMMMED ABDULLA SULTAN(BH08501158), SAYED MOHAMMED AL ALAWI(BH07501114)	A DESIGN OF X,Y,Z TABLES FOR WOOD CARVING AND ENGRAVING
1140	ALI ALMURBATY(BH06500191), HASSAN HASHIM ALABADI(BH08500517), HUSSAIN ALI ABDULLA(BH08500227)	DESIGN OF AN AUTOMATED CATERING BIRDS USING PLC
1148	MUSTSAFA ALI SHEHABI(BH09501041), AHMED HAFEDH SHEHABI(BH09501057), AAYOUSIF FUAD SULAIBEEKH(BH08500523)	AUTOMATED WATER HEATING AND COOLING SYSTEM
1160	HUSSAIN MOHSEN(BH09501505), YOUSEF KHALIFA(BH09500348), SADIQ JAAFAR(BH08501253)	A DESIGN OF IMPLEMENTATION OF AUTOMATED HARVESTING MACHINE FOR SMALL TREES
1176	BADER ALKHHHAJI(BH09501618), OMAR ISMAEEL ABDULLA(BH09500357), HAMAD MOHAMMED ISA(BH08501106), MOHAMMED SALEH AHMED(BH09500948)	DESIGN AND DEVELOPMENT OF VEHICLE DOOR CONTROL FOR DISABLED PEOPLE
1208	MOHAMMED SAEED MAHDI(BH08501531), MUSTAFA A.RASOOL YOUSIF(BH09500176), MOHAMMED ALI HABIB(BH09500456)	DESIGN AND DEVELOPMENT OF AUTOMATED LEAD ACID BATTERY PRODUCTION PROCESS
1218	AMIN FADHEL AMIN (BH09500091), HUSSAIN ALI A.HUSSAIN (BH09500769), MOHAMMED H.ALABDULQADDER (BH09501034)	AUTOMATIC GYPSUM CORNICE MACHINE
1226	WALEED MASOUD (BH09500776), MUTASIM YOUSIF FARAHAT	AUTOMATED CLEANING SYSTEM

	(BH09500771), MAHMOOD ALHINDI (BH07500767)	
1233	HAIDER ABBAS AKHTAR (BH09501419)	DESIGN AND MODIFICATION OF AUTOMATED PIPE SHUTDOWN SYSTEM
1234	ALMUDASER SALAHELDIN (BH08500442), MOHAMMED AHMED ALAABTAH (BH08500984)	DESIGN AND IMPLEMENTATION OF AUTOMATED COFFEE MACHINE
1243	ODAY ABDULLSALAM (BH08500455), FAROUK QADAN (BH07500738), SAID ALI FAIZ (BH09500841), SAID ALI JAMEEL (BH09500840)	DESIGN ABD IMPLEMENTATION OF PORTABLE AUTOMATED CAR WASH
1246	ADEL AYUB KHAN (BH09501376), MOHAMMED IBRAHIM ALYASSIR (BH10500945), KARIM DAOUI (BH08500897)	DESIGN AND IMPLEMENTATION OF PLC-BASED HVAC SYSTEM
1247	SHAHENDA HOSSAM ABURAYYA (BH09500179), RIAZ ALI (BH09500347)	MICROCONTROLLER BASED AUTOMATED BOOK SCANNER
1251	MARWAN MOHAMMED (09501613), KHALID ISMAEL (BH10501199), MOHAMMED AQEEL (BH09500746)	AUTONOMOUS GPS BASED BOAT
1268	HAMDI ALKAWAS (BH08501192), OSAMA ALMZIN (BH08500881)	DESIGN AND DEVELOPMENT OF RECYCLING PROCESS BASED ON PLC FOR WASTE ALUMINUM CANS
1282	SAYED JAFFAR ALALAWI (BH09500040), JABER ALARADI (BH09500041), MUNEER KADHIM (BH09500042)	DESIGN AND IMPLEMENTATION OF AUTOMATIC OIL SAMPLE COLLECTION SYSTEM
1283	MOHAMMED ABDULRAZZAQ ALNABUD(BH08501562), TAHER ALI ALSABA (BH08501597), MOHSEN ALMUALLEM (BH07500835), HASSAN ABDULKAREEM AL RASHED (BH07501543)	DESIGN AND IMPLEMENTATION AUTOMATED GREENHOUSE MONITORING AND CONTROL SYSTEM
1284	HUSSAIN ALI MARHOON (BH07500436), QASSIM MOHAMMED (BH08500492), MAHMOOD ALI ALHADAD(BH07501172)	DESIGN AND IMPLEMENTATION OF AUTOMATED CAKE DRESSING MACHINE BASED ON PLC CONTROL SYSTEM
1285	MOHAMED EMAD(BH06500532), MOHAMED IDREES (BH08501257), MOHAMED JAMAL (BH09500163)	DESIGN AND MODIFICATION OF REMOTELY CONTROLLED TRANSFER SWITCH

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**List of Capstone Projects SY 2014-2015**

Accession Number	Student Name	Project Title
1309	HUSSAIN ALI ALOBED (08500361), MOHAMMED JAAFAR (08501539), ISA ABBAS ISA (08500537)	AUTOMATED INDUSTRIAL DRAINING SEPERATOR OIL AND WATER SYSTEM
1311	FERAS MOUSSA FARHAT (10500346), MURAD A.KAREM ALQASEM (06501018)	DESIGN AND DEVLOPMENT OF PNEUMATIC JACK LIFE SYSTEM FOR VEHICLES
1315	MOHD SALEH GHAITH (07501468), MOHD ALI YAQOOB (09500433), AHMED HASSAN (08501014)	DESIGN AND DEVELOPMENT OF AUTOMATED MACHINE JUICE MAKER
1316	ABDULLA ACHKANTANA (09501109), OMAR ANAS SALAHIA (09500302), LOAI J ZIARA (09500303), SAMER BASSAM RADWAN (09501110)	DESIGN PROJECT REPORT GPS BASED SOLAR TRACKING SYSTEM
1375	ABDULRAHMAN ZAMAN KHAN (10500874), EBRAHIM ANWAR MOHSIN (10501552), A'AMIR MUBARAK ALJEADI (10500054)	SEMI - AUTONOMOUS WHEELCHAIR
1381	ABDULAZIZ ALDOSSARY (08500999), ALI FAHAD ALARABI (08500322), MOHAMMED IBRAHIM (06500282)	AUTOMATED CLEANING AND SORTING MACHINE BASED ON PLC FOR ALUMINUM PLATES
1382	FAROOQ A.WAHED MOHAMMED (09501392), AHMED MOHAMMED ALAWADHI (09500138), YOUSIF AHMED HASSAN (09500625)	ATMOSPHERIC WATER GENERATION BASED ON SOLAR ENERGY
1384	ESSA MOHAMMAD ABDULLAH (07500958), ABDULLAH KHALID EBRAHIM (08501532),	OUTDOOR GARAGE AUTOMATION SYSTEM
	AHMED ABDULHAMEED MOHAMMED (09501050)	
1392	ABDULLA AHMED MOHAMED ABDULLA (10501642), HUSAIN SAEED MANSOOR ALQAIDOOM	BIO METRIC VOTING SYSTEM

	(10501641), ABDULLA ABDULAGHANI ALBASSRI (10500049)	
1398	ALI AHMED TOORANI (10500779), HASAN ABDLRAASOOL ALMAHAL (08501501), HUSSAIN ALI ALSAIKH (09500606)	PLC CONTROLLED IRRIGATION SYSTEM
1400	MOHAMMED SHAKER (09500078), HASSAN ALI (08501503)	AUTOMATED INFUSION DEVICE
1411	MAHDI ISA EID (10500640), ALI NABEEL ALABDULLA (08501216), SALEH FAISAL ALSHEHABI (09500930)	SMART ROOM CEILING
1430	YOUSIF BADEEA ALSAAD (06500051)	GREENHOUSE SYSTEM BASEDON PLC
1452	SAEED JAFFAR (09500354), HUSSAIN A.AZIZ (10501046), ALI HASSAN (10501556)	DESIGN AND DEVELOPMENT OF SMART AQUARIUM
1458	KALIFA FAISAL ALNASHMI (10501689), MOHAMMED KHAMIS ALKAABI (10501018), ADEL OMAR BAHAJ (08501245), MUNEERA JASIM MOHAMMED (09500720)	SMART WATER IRRIGATION SYSTEM
1459	HASHEM ALALAWI (06500459)	SECURITY BUS SYSTEM BASED ON DVR
1474	ABDULAZIZ SAUD (10500614), ANAS ALSELTI (10501611), ZAYED ELMASRI (08500755)	AUTOMATIC METER READING SYSTEM BASED ON GSM
1476	MUNZIR HASSAN ADAM (10501145), SAEED YOUSIF SAEED (09501128), WALEED SIRAJ HABIR (08501487)	AUTOMATED STORAGE AND RETRIEVAL SYSTEM
1477	HASAN ABDULWAHAB AHMED (07501463)	CRUCIBLE TRAILER ROATATING MACHINE

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#### List of Capstone Projects SY 2015-2016

Accession Number	Student Name	Project Title
1478	MOHAMMED IBRAHIM (10501632), RAMI EHSAN (08501260), IBRAHIM AHMED (09500930)	WATER GENERATOR FROM HUMIDITY
1508	KHALID ADI (10500876), RAMZI ABDUUBARI (10501320)	MICROCONTROLLER BASED AUTOMATED FOOD DEHYDRATOR

1518	MAHMOOD TURKI (09501358), MUSTAFA FUAD (06500052), RADHI MOHAMMED (10500222)	DESINE AND DEVELOPMENT OF CONTROL SYSTEM FOR WATER DESALINATION USING SOLAR ENERGY
1521	AHMED JAWAHERY (10501682), ALI ADIBY (10501684), AHMED ZAMIL (10500206)	DESIGN AND DEVELOPMENT OF MOBILE CHARGING SYSTEM (KIOSK)
1538	MARE EMMAN RIO VILLANUEVA(08501418), BONN ROIDER VILLANUEVA (08500032)	DESIGN AND DEVELOPMENT OF AUTOMATED GUIDED DELIVERY CART
1556	AHMED GHAWAS (08500127), AHMED ALANSARI (08501142)	DESIGN AND DEVELOPMENT OF PLC BASED HYDROponics SYSTEM
1560	HUSSAIN MOHAMMED TAHER (10500615), HASSAN AHMED ALASFOOR (10501323)	THE DESIGN AND DEVELOPMENT OF THE LOW - COST MOTORIED WHEELCHAIR (L.C.M.W.)
1561	EBRAHIM KHALED ALMURRAN	DESIGN AND DEVELOPMENT OF SOLAR BASED AIR CONDITIONING

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**List of Capstone Projects SY 2016-2017**

Accession Number	Student Name	Project Title
1590	MUSTAFA YOUSIF BAQER (08501403), KHALID A.RAHMAN BUBESHAIT (10501229)	DESIGN AND DEVELOPMENT OF SOLAR BASED AIR CONDITIONING
1591	ABDULMUNEM MAKI HASAN (09500094), AHMED EBRAHIM ABDULLA (07501054), HUSSAIN ALI EBRAHIM (10501203), MARIAM ALMAS (09500857)	DESIGN AND DEVELOPMENT OF AUTOMATED PALM TREE CLIMBING / STRIPPING ROBOT
1592	SAYED AHMED FAISAL (08501172), SAYED AHMED MAKI (08501530), HASAN HABIBI NAMA (09500281)	PARABOLIC REFLECTING DISH FOR SEA WATER DESALINATION
1593	HAMEED ALI AKBAR (10500184), MAHDI AHMED ISA (08501370), JASSIM MOHAMED (10500159)	DESIGN AND DEVELOPMENT OF SOLAR AND WIND POWERED STREET LIGHTNING SYSTEM
1629	ALI EBRAHIM ALHADDAD (12500479), ALI ABDULKAREEM ABDULHUSAIN (12500013), MOHAMMED ZAID KADI AMIN (12500320)	DESIGN AND CONTROL OF MASTER SLAVE ROBOTIC ARM
1650	ABDULLA HASSAN YAQOOB (13500246)	THE DESIGN AND DEVELOPMENT OF THE "SMART SHOPPING CART"
1651	MUSTAFA ALI (09500182), AHMED ISSAM (09500080), MOHAMMED ISLEEM (10501032)	ENERGY GERNERATION SYSTEM

1652	MUATH WAHEED (13500429), MESHAL HASSAN (13500478)	SONIC FIRE EXTINGUISHER
1653	OMAR S. QUIERREZ (12500030), MICAH MAE P. CENIT (12500137), ABDULRAHMAN ALGHOUL (12500378)	AUTOMATED GARBAGE BIN COLLECTION SYSTEM
1654	NAWAF AHMED KHALIFA (10501226), SALMAN AMMAR MANDEEL (10500157), SAYED	DESIGN MULTI-FUNCTION 3D PRINTER PURPOSE
	REDHA ABBAS (10501165)	
1661	AHMED MOHAMED DHIRAR (09500304), AIHAM WAHOUD(09501117), SALEM SAEED (10501476)	AUTOMATED IRRIGATION SYSTEM

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**List of Capstone Projects SY 2017-2018**

Accession Number	Student Name	Project Title
1695	MOHAMMAD ALI MANSOOR (09500988), MAHDI SALMAN HASSAN (10500173), TAHA TALAL ALKOOHEJI (10501157)	AUTOMATED SOLAR PANELS CLEANING ROBOTIC SYSTEM
1696	MAJED MOHAMMED BAHAR (13500101), FAHAD ALI HASAN ALI (13500679), FAHAD SAAD TARAR (13500655)	SMART PARKING SHED
1714	FAISLA ABDULLA SALMAN (12500500), AHMED JAFFAR (12500360)	THE DESIGN AND DEVELOPMENT OF THE "AUTOMOTIVE SHOPPING TROLLEY
1742	SADEQ ALI MARHOON (13500412), HUSSAIN ABDULHUSAIN (13500093)	AUTOMATIC CEMENT MORTAR WALL PLASTERING MACHNE
1801	ALI BAHRAM RAHIMI (13500070), AHMED AL-KHAYAT (13500160), YOUSIF BUALI (13500636)	WASTE SORTING MACHINE
1808	MOHAMED AHMED JANAH (13500381) NOORA HESHAM RABEEA (13500382) YOUSIF AHMED JANAH (13500707)	CNC LASER ENGRAVING MACHINE
1809	EBRAHIM KHALIL AL-MUTAWA (14500264)	AUTOMATED CLEANING SOLAR PANEL

1810	KHALIFA ALATTAWI (14500079) YOUSIF MORTUDHA (12500242)	SCHOOL BUS SAFETY AND SECURITY SYSTEM
1811	Abdulla Mohsen Ahmed (14500345) Ahmed Ali Radhi (12500074) Hajar Adel Abdulla (14500309)	Design and Development of Microcontroller Based Home Automation System using Wi-Fi
1812	YAHYA IBRAHIM ASAFIR (12500001) ALI ABDELFATTAH AL KAHLA (13500344)	SMART UMBERRLA
1813	SAYED ABDULLA (14500503) FAISAL AL-JABRI (14500102) DAHER AL- THAWADI (14500411)	SOLAR POWERED WATER COOLING SYSTEM
1814	MUHAMMED USMAN NADEEM (13500600) KARL LESTHER C. DAVID (14500291) SAIRAM KETHAN POOSARLA (13500511)	DESIGN AND DEVELOPMENT OF CASCADE AUGMENTER
1815	HASAN SALEH ALMUTAWA (10500959) MISHAL JAMAL ALNAJDI (12500346) ABDULRAHMAN RASHID ALI (12500347)	DESIGN AND DEVELOPMENT OF HOSPITAL DIGITAL OXYGEN CYLINDER PRESSURE SENSOR MONITORING SYSTEM

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**List of Capstone Projects SY 2018-2019**

Accession Number	Student Name	Project Title
1847	ABDULLA MUHAMMED TARIQ (14500398), SYED TAHA BIN AHMED (14500390)	AUTOMATED VOICE CONTROLLED WHEELCHAIR
1887	Ahmed Abbas (14500112), Hassan Shaban (14500185)	Solar Powered Charging Station for Electric Vehicle
1889	SAMI YASSIN ALI (14500660), MAZEN TAHA SENAN (14500979), ZUHAIR YOUSEF HABIB (14500985)	AUTOMATIC PAPER CUTTING MACHINE

1890	ABDULRAHMAN JAWED (14500559), EBRAHIM KHALIL (14500138), AYMAN HASSAN (14500400)	SMART FIRE FIGHTING SYSTEM
1891	MOHAMMED SHAIKH (14500877), ABDULAZIZ HOURI (13500560), GHANEM ISA (14500740)	PICK & PLACE ROBOT VEHICLE CONTROLLED BY TWO HANDS MOTION
1892	Majed Abdali Moosa (14500710), Ali Mohammed Ali (14500631), Abdulkarim Abdulla (14501044)	AUTOMATIC CONCRETE PLANT
1893	ISAAC PAUL R. ESCASINAS (13500879), KEANU L. ABENIS (12500521), ABDULLA ABDULJALIL ABDULLA AL-HOORI (14500368)	COMPUS INFORMATION BOARD (CIB)
1894	YUSUF AHMED AHMED NASER (14500334), RASHID JANAHII (14500785), ABDULRAHMAN ADEL (14500289), ABDULLA ALHAMMAD (14500335)	INDUCTION HEATING SYSTEM
1895	MOHAMED BASSAM RABAH (14500333), ABDULLA MOHAMED ALDOSERI (14500444)	STEAM X - AN AUTOMATED STEAMING SYSTEM
1896	Ahmed Mansoor (14500013), Mohammed Alsadah (14500651), Salaar Shakeel (14500496)	Autonomous Robotic Micromouse for Maze-Solving
1897	OSAMA KHALIFA (14500218), HAMAD AL KOOHEJI (14500324), LUQMAN AYOOB (13500754)	Warehouse Automated Robotic Arm
1898	SAUD ISA AL AHMED (12500290), AHMED MANSOOR ISA (13500136), SAHARISH GULZAR (14500562)	PHOTOTHERAPY MONITORING DEVICE FOR TREATING JAUNDICE IN NEW BORN BABIES
1987	SUBBAN KHALID (15500511), JAFFAR ABDULHADI (15500474), SULEMAN HAYAT MIR (14500282)	DESIGN & IMPLEMENTATION OF A HELIOSTAT
1988	HAMDA MAQSOOD AHMAD (14500989)	TRAFFIC MANAGEMENT SYSTEM (TMS)
1989	ALI KHAKID (15500575), ABDULLA AL SHAHRANIE (15500067), RASHID AL KOOHEJI (15500068)	DESIGN OF PARABOLIC TROUGH SOLAR WATER HEATER WITH SUN TRACKER

1990	EBRAHIM ABDULLA EBRAHIM (14500558), NASER ABDULHAMEED ALBALOSHI (15500470), A.AZIZ ADEL GHULOOM (15500634)	HARDWARE MOUNTING PARTS COUNTING MACHINE
1991	OMAR MOHSEN (14500577), JEHAD MOHAMMED (14500759), FAISAL BUDALAMA (14501045)	INTELLIGENT ROAD'S BUMP (SMART SPEED BUMP AND POWER GENERATING)
1992	AHMED MAHMOOD ABDUL RAHMAN (14500587), HUSAM AHMED AL DULIJAN (14500589), AYMAN MOHAMED AL ANSARI (14500599), YOUSIF ABDULLA AL MANSOORI (14500172)	DESIGN AND IMPLEMENTATION OF PELTIER BASED SOLAR POWERED WATER TANK COOLING AND HEATING SYSTEM
1847	ABDULLA MUHAMMED TARIQ (14500398), SYED TAHA BIN AHMED (14500390)	AUTOMATED VOICE CONTROLLED WHEELCHAIR
1887	Ahmed Abbas (14500112), Hassan Shaban (14500185)	Solar Powered Charging Station for Electric Vehicle
1889	SAMI YASSIN ALI (14500660), MAZEN TAHA SENAN (14500979), ZUHAIR YOUSEF HABIB (14500985)	AUTOMATIC PAPER CUTTING MACHINE
1890	ABDULRAHMAN JAWED (14500559), EBRAHIM KHALIL (14500138), AYMAN HASSAN (14500400)	SMART FIRE FIGHTING SYSTEM
1891	MOHAMMED SHAIKH (14500877), ABDULAZIZ HOURI (13500560), GHANEM ISA (14500740)	PICK & PLACE ROBOT VEHICLE CONTROLLED BY TOW HANDS MOTION
1892	Majed Abdali Moosa (14500710), Ali Mohammed Ali (14500631), Abdulkarim Abdulla (14501044)	AUTOMATIC CONCRETE PLANT
1893	ISAAC PAUL R. ESCASINAS (13500879), KEANU L. ABENIS (12500521), ABDULLA ABDULJALIL ABDULLA AL-HOORI (14500368)	COMPUS INFORMATION BOARD (CIB)
1894	YUSUF AHMED AHMED NASER (14500334), RASHID JANAH (14500785), ABDULRAHMAN ADEL (14500289), ABDULLA ALHAMMAD (14500335)	INDUCTION HEATING SYSTEM

1895	MOHAMED BASSAM RABAH (14500333), ABDULLA MOHAMED AL DOSERI (14500444)	STEAM X - AN AUTOMATED STEAMING SYSTEM
1896	Ahmed Mansoor (14500013), Mohammed Alsadah (14500651), Salaar Shakeel (14500496)	Autonomous Robotic Micromouse for Maze-Solving
1897	OSAMA KHALIFA (14500218), HAMAD AL KOOHEJI (14500324), LUQMAN AYOOB (13500754)	Warehouse Automated Robotic Arm
1988	HAMDA MAQSOOD AHMAD (14500989)	TRAFFIC MANAGEMENT SYSTEM (TMS)
1989	ALI KHAKID (15500575), ABDULLA AL SHAHRANIE (15500067), RASHID AL KOOHEJI (15500068)	DESIGN OF PARABOLIC TROUGH SOLAR WATER HEATER WITH SUN TRACKER
1990	EBRAHIM ABDULLA EBRAHIM (14500558), NASER ABDULHAMEED ALBALOSHI (15500470), A.AZIZ ADEL GHULOOM (15500634)	HARDWARE MOUNTING PARTS COUNTING MACHINE
1991	OMAR MOHSEN (14500577), JEHAD MOHAMMED (14500759), FAISAL BUDALAMA (14501045)	INTELLIGENT ROAD'S BUMP (SMART SPEED BUMP AND POWER GENERATING)
1992	AHMED MAHMOOD ABDUL RAHMAN (14500587), HUSAM AHMED AL DULIJAN (14500589), AYMAN MOHAMED AL ANSARI (14500599), YOUSIF ABDULLA AL MANSOORI (14500172)	DESIGN AND IMPLEMENTATION OF PELTIER BASED SOLAR POWERED WATER TANK COOLING AND HEATING SYSTEM

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#### List of Capstone Projects SY 2019-2020

Accession Number	Student Name	Project Title
2044	ABDULLA YOUSIF (14500804), AUZAIR JANAH (14500805), AHMED REYADH (14500806)	DUAL AXIS SOLAR TRACKING SYSTEM
2045	ABDULRAHMAN MUTAZ BNYAN (14500643), MOHAMMED MAZIN ABDULLA (15500917)	FIRE FIGHTING ROBOT

2046	ALI ABDULLA HAMZA (15500282), OBADA IBRAHIM ASFAIR (15500952), MOHAMMED DEBAIS (13500566)	SMART SHOPPING CART BASED ON MOBILE APPLICATION
2047	MAHFOODH HASSAN (14500637), YUSUF AHME HASAN (14500702), MOHAMMED AHMED HAJI (15500035)	AUTOMATIC MIXING AND MONITORING DOSING SYSTEM FOR DISTILLER PLANT BASED ON PLC
2048	SYED NAYEB (14500494), HAITHAM ALJARADY (14500382)	HAND MOTION CONTROLLED ROBOT
2049	RANDALL BRENT M. ORTIZ (15500007) ROHJAN R. ENRIQUEZ (15500074) AHMED YOUSIF ALSHOMILY (14500065)	AUTOMATED PLASTIC RECYCLING SYSTEM
2050	MOHAMMED JAFFAR KHALIL (15500544) HUSSAIN JAMEEDL ALI (15500350) MOHAMMED HUSSAIN (14500047)	BOILER CPONTROL SYSTEM BASED ON PLC
2051	MHD MAAZ ALTAIR (15500835), MOHAMMAD YOUSAF MHD ALI (14500755), ADNAN TAHIR MAHMOOD (15500391), ZUBAIR TAFAZZUL HAMEED	BOTTLE SORTING USIG MACHINE VISION
2052	MANHAL KHALED MARDNLI (15500536), ABDULRAHMAN GHASSAN HAMID (15500036), MOHAMMED EKHLAS ELDEEB (12500483)	AUTOMATED 3D WIRE BENDING MACHINE
2053	MOHAMMED N SALEM (15501131), RAWAN K. BAKRO (15500772), SAHARIM S, ANTAR (13500917)	DESIGN AND OPTIMIZATION OF ARDUINO BASED MICRO MOUSE MAZE SOLVER
2054	ABDULLA ABDULAZIZ MOOSA (13500185), MOHAMED YUSUF SAIF SAIF (15500914) HASSAN A. MAJEED ALQASSAB (15500291)	AUTOMATED PROSTHETIC ARM
2055	TARUN SHAHEED (16500281), AHMED AL BAKER (16500606), SAKHR AL AWADHI (15501072)	COLOR BASED PRODUCT SORTING MACHINE USING RASPBERRY PI MICROCONTROLLER
2056	MOHAMED HASAN (16500610), OSAMA ABDULLA (16500218), S.HUSSAIN HASHIM (12500264)	MOTORCYCLE SMART DELIVERY BOX

2057	MOHAMMED HADHRAM ALDOSSARY (16500607) OSAMA MOHAMMED ALSOABI (16500500)	DESIGN AND MODIFICATION OF A SMART PADDLE WALKER FOR VISUALLY CHALLENGED AND ALZHEIMER'S PEOPLE
2058	OMAR ADEL MOHAMMED TARESH (15500411), SOLEMAN MAHER KADDOURAH (16500357) SAYED MAHMOOD ALI (13500875)	TECHNICAL ANTI COVID 19 APPLIED ON SMART BUILDING
2059	ABDULLA ESSA ALKHATER (16500807)	DESIGN OF SENSOR BASED RACE TIMING SYSTEM
2044	ABDULLA YOUSIF (14500804), AUZAIR JANAH (14500805), AHMED REYADH (14500806)	DUAL AXIS SOLAR TRACKING SYSTEM
2045	ABDULRAHMAN MUTAZ BNYAN (14500643), MOHAMMED MAZIN ABDULLA (15500917)	FIRE FIGHTING ROBOT
2046	ALI ABDULLA HAMZA (15500282), OBADA IBRAHIM ASFAIR (15500952), MOHAMMED DEBAIS (13500566)	SMART SHOPPING CART BASED ON MOBILE APPLICATION
2047	MAHFOODH HASSAN (14500637), YUSUF AHME HASAN (14500702), MOHAMMED AHMED HAJI (15500035)	AUTOMATIC MIXING AND MONITORING DOSING SYSTEM FOR DISTILLER PLANT BASED ON PLC
2048	SYED NAYEB (14500494), HAITHAM ALJARADY (14500382)	HAND MOTION CONTROLLED ROBOT
2049	RANDALL BRENT M. ORTIZ (15500007) ROHJAN R. ENRIQUEZ (15500074) AHMED YOUSIF ALSHOMILY (14500065)	AUTOMATED PLASTIC RECYCLING SYSTEM
2050	MOHAMMED JAFFAR KHALIL (15500544) HUSSAIN JAMEEDL ALI (15500350) MOHAMMED HUSSAIN (14500047)	BOILER CPONTROL SYSTEM BASED ON PLC
2051	MHD MAAZ ALTAIR (15500835), MOHAMMAD YOUSAF MHD ALI (14500755), ADNAN TAHIR MAHMOOD (15500391), ZUBAIR TAFAZZUL HAMEED	BOTTLE SORTING USIG MACHINE VISIION

2052	MANHAL KHALED MARDNLI (15500536), ABDULRAHMAN GHASSAN HAMID (15500036), MOHAMMED EKHLAS ELDEEB (12500483)	AUTOMATED 3D WIRE BENDING MACHINE
2053	MOHAMMED N SALEM (15501131), RAWAN K. BAKRO (15500772), SAHARIM S, ANTAR (13500917)	DESIGN AND OPTIMIZATION OF ARDUINO BASED MICRO MOUSE MAZE SOLVER
2054	ABDULLA ABDULAZIZ MOOSA (13500185), MOHAMED YUSUF SAIF SAIF (15500914) HASSAN A. MAJEED ALQASSAB (15500291)	AUTOMATED PROSTHETIC ARM
2055	TARUN SHAHEED (16500281), AHMED AL BAKER (16500606), SAKHR AL AWADHI (15501072)	COLOR BASED PRODUCT SORTING MACHINE USING RASPBERRY PI MICROCONTROLLER
2056	MOHAMED HASAN (16500610) OSAMA ABDULLA (16500218), S.HUSSAIN HASHIM (12500264)	MOTORCYCLE SMART DELIVERY BOX
2057	MOHAMMED HADHRAM ALDOSSARY (16500607) OSAMA MOHAMMED ALSOABI (16500500)	DESIGN AND MODIFICATION OF A SMART PADDLE WALKER FOR VISUALLY CHALLENGED AND ALZHEIMER'S PEOPLE
2058	OMAR ADEL MOHAMMED TARESH (15500411), SOLEMAN MAHER KADDOURAH (16500357) SAYED MAHMOOD ALI (13500875)	TECHNICAL ANTI COVID 19 APPLIED ON SMART BUILDING
2059	ABDULLA ESSA ALKHATER (16500807)	DESIGN OF SENSOR BASED RACE TIMING SYSTEM

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#### List of Capstone Projects SY 2020-2021

Accession Number	Student Name	Project Title
2060	FAIZAAN MOHAMMED MUSTAFA (16500026)	SELF BALANCING ROBOT

2061	OMAR NABKI (155000178), OMAR AL SHARAWI (15500179), YAHYA ABO HMAID (15500340)	MACHINE VISION BASED AUTOMATIC RETRACEABLE CAR SHADE
2062	ZAIGHUM ABBAS (15500437), ALI ITRAT (14500421), AHMED ITRAT (14500422)	FINGERPRINT BASED SMARTPHONE CHARGING KIOSK
2063	FATIMA ABDULJALIL SALMAN (16500444), ISA ABDULLA MOHAMMED (16500345), AHMED ALI KADHEM (15501024)	BAGGAGE HANDLING SYSTEM USING ROBOTIC ARM
2064	HISHAM MOHAMMAD ALI (15500883), MOHAMMAD TAHLIL ALAM (15500984)	PLC BASED WALK THROUGH DISINFECTION POINT
2065	MUHAMMAD USAMA AKHTAR (15501049), FAISAL MUHAMMAD (16500256), BILAL MOHAMMAD YAHYA (15500565)	SOLAR -POWERED LAWN MOWER ROBOT
2066	SUHAIL N. SALEM (BH16500008)	BRAIN WAVE AND BLINK STRENGTH CONTROLLED WHEELCAHIR
2067	AHMAD ALMUZEL (16500774), HASAN EBRAHIM (16500714), ABDULLA MOHAMED (15500050)	PLC BASED AUTOMATION PROCESS FOR DE-ICING SOLUTION
2068	ABDULLAH HISHAM ALASMAR (13500202), AHMAD JAMAL KHALID (16500519)	SMART NEONATAL INCUBATION SYSTEM
2069	ABDULELLAH AL SHAIKH JUMA (16500267), MOHAMED ABDULGHANI (14500624), BUDOOR ADEL BAQI (17500103)	EMERGENCY RESPONSE MICROCONTR OLLER BASED VENTILLATOR
2070	ISMAIL MOHAMMED ABO ABDO (17500436), HUSAIN MOHAMMED ALI (15500748), JAWAHER ABDULLA (17500409)	AUTOMATED MONITORING FISH BREEDING SYSTEM
2071	WALAA JASOM BUHAZA (14500812), MARAM SHARIF AMIN (16500149), MOHAMMAD NIDAL (16500631)	MIXING CHEMICAL BY USING PLC & HMI SYSTEM
2072	ABDULREDHA MOHAMMED (14500181), AMEER MOHAMMED MUKHTAR (15500044), HASSAN MOHAMMED (16500007)	RASPBERRY PI BASED SECURITY TRACKING & FOLLOWING ROBOT

2073	HANI MOHAMMAD (15500365), ZHARAN AHMED (15500869), QUSSAI ALMAJED (14500532)	DISINFECTION ROBOT USING DISINFECTIOUS SMOKE AND ULTRAVIOLET LIGHT (COVI ROBO)
2074	FAYEZ ALZAYER (15500793), ALI ALTURAIFI (16500821) MALEK ALKHOWAITEM (14500949)	DESIGN PROJECT REPORT FLOOR CLEANING ROBOT
2075	MOHAMMED AHMED ALBASTAKI (16500062) SALMAN MOHAMMMED NESAIF (15500186) RASHID KHALED HAMADA (13500899)	ENERGY TRANSFER STATION DISTRICT COOLING SYSTEM WITH CONTROLLING & MONITORING BY PLC & SCADA
2076	YUSUF MAHMOOD ABDULLA (15500735), KHALID AHMED ALKHAJA (1550599) MOHAMMED FAWZI ALSAADI (15500502)	BALANCING PALTFORM IN TWO AXIS USING PID CONTROLLER
2077	FADHEL AHMED ABDULLA (17500320), MOHAMED FAYEZ ALROWAILI (17500287), FERAS MOHAMED ABDULLAH (17500090)	HAND GESTURE CONTROLLED PICK AND PLACE ROBOT
2078	WADEEA JAFFER HASSAN (17500122), SALMAN MOHAMMAD ALSANAD (15500480), MOHAMMED A.AMEER ABDULLA (16500605)	RASPBERRY PI BASED WATER POLLUTION MONITORING BOAT FOR WATER RESERVOIRS
2079	WIAAM JASSIM SULTAN BUHAZZA (15500098), EBRAHIM HISHAM EBRAHIM BUMEAJIB (14500957), ABDULLA HAMAD MOHAMMED BUHAMEIDA (14500284)	PLC BASED SAFETY & CONTROL SYSTEM
2080	TEHREEM ABDUL RAHIM SHAIKH (17500376) NOUF HANAN DAVID OALES (17500047) SREEDEV VIJAYAN PILLAI (16500746)	SMART PET CARE ROBOT
2081	ABDULLA NASSER SALEH (16500249), SAAD EBRAHIM BUKHAMMA (16500676), SAYED DHEYA ALAW (16500059)	MICROCONTROLLER BASED RECTILINRAR LOCOMOTION SNAKE ROBOT FOR PIPELINES INSPECTION
2082	NEZAR MAHDI HASAN SALEEM (17500441), ABDULLA MOHAMED ALKHAJA (17500027), YUSUF KHALED YUSUF ALHOSA (17500112)	DESIGN AND IMPLEMENTATION OF ADVANCE AUTOMATIC PETROL MIZXING MACHINE USING PLC
2083	ABDULRAHMAN ALI (14500658)	DESIGN AND MODIFICATION OF A SECURITY ROBOT

2084	KHALED ALFALAH (16500659), HASAN ABDULLA (16500616)	AUTOMATED TOXIC CHEMICAL DOSING MACHINE
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**Bachelor of Science in Mechatronics Engineering**

**List of Capstone Projects SY 2021-2022**

Accession Number	Student Name	Project Title
2085	TALAL EMA D ALRAYAHI (15501031)	DESIGN AND OPTIMIZATION OF ARDUINO BASED HAND MOTION WIRELESS CONTROLLED ROBOTIC ARM
2086	WEJDAN AL-WAKED (13500831), MUEEN ISHAQ (15500053), ALDANIH ALTAMIMI (16500067)	DESIGN AND IMPLEMENTATION OF VENTILATOR AND DIAGNOSES SIGNS MEASUREMENT WITH HEART ATTACK DETECTOR
2087	TAHER ABDULWAHAB (17500568), MOHAMED ALSHALABI (17500742), MOHAMED ISMAIL (17500816)	STRESS CORROSION CRACK (SCC) & LEAK DETECTION CRWALER ROBOT FOR FIELD GAS PIPELINES
2088	SAYED MOHAMED (17500298), AHMED ASHOOR (17500694), MOHAMED REDHA (17500019)	GREEN ALGAE GROWTH PREVENTION & MONITORING SYSTEM FOR HOUSEHOLD WATER TANKS
2089	ALI ABDULREDHA AHMED (16500079), MAHMOOD AHMED TAHERI (16500078), DANA MAHER ABU AJINA (16500204)	ACCESS MANAGEMENT SYSTEM FOR COVID 19
2090	MUSTAFA MUJAHED KHAN (16500731), MOHAMMED JASSIM (16500387), ZAINAB RAMADHAN (16500601)	DESIGN AND DEVELOPMENT OF MULTIFUNCTIONAL ORGANIC PLANT GROWTH SYSTEM
2091	JASSIM AHMED JUMA (15500096), MUSTAFA ALI MANSOOR (15500607), RAED SHAKER (16500750)	CLIMBING STAIRS ROBOT
2092	RAGAD SAMI ALSJISHI (17500578), DHIYA ISA EID (18500512), AHMED HUSAIN ALI (17500852)	WATER TRASH COLLECTOR
2093	YUSUF AL KHAYER (16500431), AMMAR AWACHI (16500350), OMAR AL-MESMARI (14500724)	AUTOMATIC WHEEL CHAIR TURNS INTO A BED
2094	OMAR MARWAN ABOU SHWAREB (17500038), MAJD AYOUB AYOUBI	DESIGN AND DEVELOPMENT OF FIRE

	(15500874), MAHER EMAD SALEEM(16500533)	FIGHTING ROBOT
2095	NAEEM MAHER AWIDAH (17500314), SAID MOHAMED OSMAN (17500302), MUHAMMED MEEDAM RAZA (17500697)	DESIGN AND IMPLMENTATION OF A TWO WHEELS SCOOTER WITH MOTOR
2096	ABDULRAHMAN AHMED THANI (17500503), HASAN ALI ALANZOOR (16500161), MHAMED MAHDI ABDULRAHMAN (15500164)	THE SELF PARKING CHAIR USING LOW POWER BLUETOOTH MODULES
2097	AHMED SAEED ALI (17500663), ALI HASSAN MOHAMMED (16500661), ISAAC MATTHEW SMADI (17500045)	SMART POOL SYSTEM
2098	ABDULRAHMAN YASSER ABOUZAID (18500734), KAREEM ABDELHAMED FATOH (18500181), MOHAMMED BAHAUDDIN ALSAEED (18500761)	CLIMBING ROBOT MECHANISM
2099	NAYEF ABDULLAZIZ ALAMER (14500201), EBRAHIM HANSAN ALJEEB (16500162), FAISAL ZAKAREYA AL HAZEEM (17500396)	AUTOMATIC BOTTLE SORTING
2100	AFNAN ISA AHMED ALDAAYSI (17500002), NOOR MOHAMMED ALI KHADHEM (16500097)	PLC BASED AUTOMATIC PIZZA MACHINE
2101	ABDULLAH FAISAL ALKHULAQI (15500850), NAWAF AHMED ALKHALDI (15500918)	DESIGN A FULLY INDEPENDENT ANTI THEFT ROBOT FOR DELIVERING FOOD AND PACKAGES
2102	AHMED HOSSAM ABDELSALAM (16500699), NEBRAS NABEEL RAWAJBEH (15500878)	DESIGN AND DEVELOPMENT OF NON INVASIVE BLOOD GLUCOMETER
2103	SHAHSTA MAMDOOH SABRA (18500550)	RECYCLED PLASTIC INTO INTERLOCKING BRICKS
2104	FAIZ ASIF SAYED (17500555), AHMED HATEM ASHAFEI (17500794), HOOD MOHAMED GHULOOM (17500758)	AUTOMATED WALL PAINTING MACHINE

2105	MOHAMMAD SAMI AL-ALOUL (17500064), ABDULRAHMAN ABBAS AL SAFI (17500039), YASIN MOHAMMAD JENDIAH (175000187)	SMART AIR PURIFIER
2106	MARIA MOHAMMED (17500149), MUNTADHER S. AHMED (16500152)	STERILIZATION ROBOT
2107	ALI MOHAMED SHEHAB (17500468), SAYED AHMED AL-ALAWI (17500763), SAYED BAQER ALAWI (17500725)	REMOTE CONTROL WATER FIRE MONITOR SYSTEM
2108	HUSSAIN HABIB HASSAN JASIM KHAMIS (17500094), SAYED MOHAMMED HASHIM ALNAWAH (17500085), JAFAR SADIQ ALSALEH (16500310), MORTADA MADAN ALALI (17500510)	SELF PERSONAL TRACKING ROBOT
2109	NAWAL KALEEM KHAN (18500086), HASSAN SAEED FARDAN (18500586), MAHER MAHDI SHEER (16500509)	CONTROLLING AND MONITORING SYSTEM FOR INTRAVENOUS (IV) DRIPS EMPLOYING SMART INFUSION PUMP
2110	HASAN BASEM AHMED (17500600), ABDULLA BIN JAFEN (16500376), SALMAN ISMAEEL ALSHAIKH (14500340)	SMART LOCKER SYSTEM
2111	ALI FUAD ALBINFALAH (17500764), ABDULLA AHMED ALAHMED (17500004), MHAMED SHAKER ABDULLA (17500100), YOUSIF MOHAMED NASHABA (17500017)	AUTONOMOUS MAZE SOLVING ROBOT
2112	BANDAR NASER ALEOWAILI (17500190), SAUD ALMEHZA (14501011), YOUSIF KHALIFA (18500002)	WATER TANK COOLING USING PELTIER
2113	QASSIM ISA SHAMSAN (15500289), BELAL ABDELAZIZ AL OMARI (18500049)	DESIGN OF A SMART PARKING SYSTEM USING SOLAR CELL POWER
2114	ABDULLA ASHOR (15500623), FATIMA AKAABI (17500825), FATIMA ABDULLAH (17500825), FATIMA ABDULLAH (17500605), AHMED NOAMAN (18500461)	DESIGN AND DEVELOPMENT OF FAULT DETECTION IN GAS COMPRESSOR ENGINES

2115	KHALED MANSOUR AL-DOUSARY (17500613), AYMAN MOHSEN AL-SHAIKH (17500681), ADEL ABDULLA RARAJ (17500643)	INVENTORY TRACKING FACILITATOR
2116	SHEHAB MOHAMED FARAG (15500028), ASEEL MOHAMMED BATAIN (16500633)	IoT BASED HEALTH MONITORING DEVICE WITH ROBOTIC ARM
2117	HUSAIN ALI HASAN ALMUTAWA (16500011)	SMART SOLAR CELL
2118	OSSAMA BABBILI (16500356), DHEIA HAMMAD (16500480), YAZAN AZZAM (16500106)	DESIGN AND IMPLEMENTATION OF AN AUTOMATIC POOL COVER & A SOLAR TRACKER
2119	ABDULFATAH ALSAFI (14500244), HUSSAIN MOHAMMED (16500016), HUSSAIN JAWAD ALI (14500713)	ARDUINO BASED SEA WAVE ENERGY EXRACTION

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**List of Capstone Projects SY 2022-2023**

Accession Number	Student Name	Project Title
2120	RAGHAD EMAD SHAMIA (18500080), OMAR EMAD ALSAFI (18500003)	EQUIPMENT HANDLING SYSTEM ROBOTIC ARM
2121	FADHEL ABBAS ABDULLA ALAALI (18500580), ALI JAAFAR KHALIL ALMOSHEN (17500637) ALI RADHI AHMED ALI HASSAN (185000726)	HUMANOID ROBOTIC HEAD
2122	ALI HUSSAIN A;WASTI ( 17500005), MOHAMMED HASSAN ALI (18500740), HAMZA EBRAHEM HUSSAIN (18500742)	MOBILE CHARGING KIOSK
2123	HUSAIN ALI MARHOON (18500171), MUBARAK OMRAN (18500624), HUSSAIN ALI OMRAN (18500325)	SOLAR HOME AUTOMATION
2124	AHMED ALI ALAALI (17500055), ESRAA HASAN ABDULRAHMAN (18500221), S. HUSSAIN SADEQ MAHFOODH (18500708)	RESIDENTIAL IRRIGATION CONTROLLER

2125	AHMED YUSUF AHMED (18500888), SAYED HASAN ALI HASHEM (18500759) YUSUF ABDULHUSSAIN YUSUF (18500215)	WIRELESS MULTITASK ROBOT
2126	HUSSAIN ABD ALWAHED KAMIS (18500199), ABDULLA GHAZI ADAM (17500833), MOHAMMAD JAFFAR ALI (18500063)	AUTOMATIC SELF CLEANING STRAINER (FILTER)
2127	MOHAMMED AWAD AL ABADDI (15500692), TAWFIK HANI AL-BITAR (16500292), ALI MOHAMMED ALASAAD (16500309)	SOLAR PANEL CLEANING ROBOT
2128	NAAM IBRAHIM ALANI (17500711), SAYED MUSTAFA QAROOMI (17500301), HASSAN ALI DAHNNEEM (17500769)	DESIGN OF IN DOOR DELVIERY ROBOT
2129	AI HASAN ABDULLA (19500586), ALI A HUSAIN ALNAJJAS (18500030)	NURSING ASSISTANT ROBOT
2130	EBRAHIM KHALIL ALWADI (18500796), MOHAMED ABDULLA ALI (18500722)	AUTOMATED BULK PLANT
2131	ALI JAMEEL AHMED (18500027), KHALID A. JALIL ABDULRAHMAN (18500245), HESHAM ABDULLAH MOHAMMED (18500230)	SELF LEVELING WALKER
2132	RIDHA HUSSAIN SAEED (18500634), ALI HASSAN BUCHEERI (18500034), AMINA MOHAMED ALQAOOD (18500574)	3D PRINTER BASED ON RECYCLING PAPER
2133	ADNAN ADIL HASMATHULLA (17500489)	A UTB DESIGNED CUSTOMIZED TELEPRESENCE ROBOT
2134	ALI HUSSAIN MAHDI (17500079), ZAINAB MOHAMMED (18500177), MAJD JAMALUDDIN (14500194)	SMART FILLING MACHINE
2135	AHMED MOHAMED ABDULRAHMAN (17500789), LAITH ABDALLA HASSAN (17500727), AHMED HANI SALMAN (17500134)	SYSTEM FOR TILE PROPOSITION OF THE ANAESTHETIC PROFOPOL
2136	ALI JAFFAR (17500475), FATIMA HASSAN (18500861), ABDULELAH ALI (17500155)	TWO AXIS FIRE DETECTION AND FIGHTING SYSTEM
2137	MOHAMED TAQI ABDULKARIM KHAMDAM (17500157), AHMED NAJI AHMED KADHEM, (17500160), SABEEHA	SMART SCHOOL BUS

	A.HUSSAIN ALASFOOR , (18500239)	
2138	BADER MAHER ALLABADIDI (18500619), NAVEED PARVEZ MANZOOR (18500391), GAZZAIN SHAKEEL BALOCH (17500415)	DESIGN AND IMPLEMENTATION OF AN ENVIRONMENTAL ROBOT
2139	HASSAN SEYADI (18500615), A.RAHMAN MOHAMMED (18500169), MAJED MAHMOUD (18500156)	LIBRARY ASSISTANT ROBOT
2140	AHMAD JABER (15500123), MARIA KHALID ALWAZZAN (17500018), MOHAMMED ALI AHMAD (14500509)	BED CHAIR
2141	ABDULLAH DIAB (16500713), MAJD ALSOTARI (17500440)	AUTONOMOUS MOBILE ROBOT WITH REMOTE CONTROLLER
2142	AYMAN HANI MARHOON (18500693) SHAIKHA NASER ALMAHMEED (18500465) LULWA MOHAMED ALI (18500613)	AUTOMATIC SOLAR PANELS CLEANER
2143	ABDULAZIZ JAMAL ALBURAIM (18500143) ABDULRHMAN JAMAL ALBURAIM ( 14500408)	AUTOMATED ROBOTIC ARM USING AI CAMERA
2144	HASAN EID HASAN (19500299) ALI HASSAN ALI (17500785) ABDULAZIZ MOHD(18500108)	WAITER ROBOT
2145	RASHID ABDULLAH (16500771) AHMED ADNAN MOSLEH (17500060)	HAND WASH WATER RECYCLING UNIT
2146	MARIA S.KADHIM ABDULLA (19500413) SAJEDA FADHEL ALANAN (19500305) MOHAMMED JAWAD GHULOOM (17500657)	PIPE CLEANING,PAINTING AND INSECTION ROBOT
2147	RAYAN RIYAD SHATAT (17500598) ABDULMAJEED WALEED ABDULMAJEED (17500360) YOUSIF MOHAMMED SHWAITER (17500740)	FOOD-RECYCLER MACHINE (ORGANIC FERTILIZER)
2148	ABDULLA YUSUF AHMED (16500033) ZAINALAABEDEEN ALI JANAH (16500820) MOHAMMED JAMEEL EKSAIL (18500078)	AUTONOMOUS FORKLIFT ROBOT USING COLOUR DETECTION
2149	MANAR ABDULSAHEB AHMED (19500306) DANA MOHAMMED ALI(19500010) SAYED HASHEM JAAFAR SAEED (19500831) MURTADHA ABDULNABI AHMED (19500229)	WATER COLLECTOR POWERED BY SOLAR ENERGY USING THE PELTIER

2150	FADI ABDULKAFI ALABUO (19500684)	OMNI WHEEL CONVEYOR ROBOT
2151	S.MOHAMED ZUHAIR (19500443) SAYED MOHAMED HASAN (19500744) AHMED ISA MARHOON (19500030)	SOLAR CART
2152	HASAN REYADH KHAMDAN (18500478) MUEEAN SAEED AHMED (18500476) HUSSAIN ABDULJALIL ALSAIKH (18500477)	SOLAR SEATING STATION
2153	AHMED SALEM BA-ABED (18500642) KHALID ABDULLAH OMAR (18500618) AHMED JAMIL MOHAMMED (18500109)	FACE TRACKING AND FOLLOWING ROBOT USING AI CAMERA
2154	MOAYAD REBHI ALFRIJAT (15500975) AHMED HASHEM ABOSHAWAB (17500037)	CAR PARKING PAINTER ROBOT
2155	HASAN ALI HUSAIN ALKHABBAZ (19500347) FARES FARAZDAQ ALKHOOR (18500867) HASAN DAWOOD ALMUALEM (19500889)	SOLAR PANEL CLEANING ROBOT
2156	EBRAHIM KHALID ALI (16500755) KHALED EBRAHIM ALKHALILI (19500015) EARIJUN MALALUAN FERRERA (19500280)	DESIGN AND IMPLEMENTATION OF SELF ARRANGING CHAIR
2157	HUSAIN EBRAHIM ABUTRAIF (18500440) ALI HASSAN HAMEED (19500618) HUSSAIN KARIM ALGALLAF (19500666)	VACUUM INSULATED WATER TANK
2158	HAIDER SAEED HAIDER AL-RAYES (18500304) MOHAMMED MOAYED MOHAMED ALAMRI (19500294) YAZAN KHALID MOHAMED AL-BOSHI (19500834)	HUMIDITY CONVERTER TO DISTILLED WATER
2159	MARWA MOHD SHAFEEI (17500021) KEROLOUS MAGDI HELMI (17500086) ALI MOHAMMED YAHYA (19500224)	SMART WINDMILL ELECTRICAL GENERATOR
2160	FATIMA GHAZI NASSER (16500236) HADI ABD HUSSAIN (17500720) SAYED HUSSAIN AMIN ALI (16500238)	3D SCANNING AND PRINTING SYSTEM
2161	SARA ISA AL SANAD (18500781) ANAS JALAL QUTAISH (16500501)	CHEMICAL MIXER USING PLC AND HMI

2162	AHMED TURKE ALAWAD (17500351) FAISAL AREF ALYOUSEF (17500262) HUSAIN ABDULJALIL SALMAN (17500587 (17500587)	AUTOMATED CAR PARKING SYSTEM
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**Bachelor of Science in Mechatronics Engineering**

**List of Capstone Projects SY 2023-2024**

Accession Number	Student Name	Project Title
2163	ALI ABDULMOHSEN KHAMIS (18500064) BADER ANWAR AMIN (18500827) OMAR IHSAN AL-TAIE (16500403)	2D CNC GRAVING MACHINE
2164	MARIAM EHAB AHMED (BH19500653) FARIDA RAFAT MOHAMED (BH19500898)	SOLAR PANEL SWEEPER
2165	ALI ABDUL MAJEED (18500733) MOHAMED ALASWAD (18500797) TALAL EYAD TALAL (19500219)	DESIGN COLOR SORTING MACHINE
2166	MURTADHA SADEQ ALALI (19500338) AHMED A.ALZIZ ALSHAIBANI (16500054) HUSAIN MOHAMED SABT(19500673)	AUTONOMOUS FIREFIGHTING ROBOT BASED ON RF LOCATION SIGNAL
2167	AYMAN ALI ABDULLA KHDAIR (17500640) SAYED HASHIM KHALIL HASSAN (17500117)	DESIGN OF A SELF-STABILIZING GIMBAL SYSTEM
2168	MASHAEL EBRAHIM HASSAN (19500381) MOHAMMED SALAH ALKOBAISI (19500124) EBRAHIM MOHAMMED HAMADA (19500250) EBRAHIM KHALID ALQAED (19500123)	HEATING AND COOLING SYSTEM FOR DELIVERY BOX
2169	AHMED ABDUL AZIZ (18500020) YASSER AZIZ ALI (19500346) HASSAN JASIM ALI (19500552)	DESIGN STORE KEEPER ARM ROBOT
2170	ALI SADEQ AL GHASRA (19500019) MALAK KHALIL EBRAHIM (19500855) S.MOHAMED BAQER JAWAD (18500404)	AUTOMATED SORTING SYSTEM FOR METAL PAPER AND PLASTIC
2171	MAHMOOD ALI AHMED (18500835) NEZAR HASAN ALI (18500521) AMNA ABDULLA ALDOSERI (19500926)	WATER COOLING AND HEATING BASED ON THERMOELECTRIC COOLER
2172	EMAN NAJEEB GROOF (19500451) ZAINAB HASANALI ALATEL (19500852) S.HASHEM ALAWI SAEED (17500429) S.HASSAN ALAWI HASSAN (18500846)	SMART ANT-CHOKING CAR WINDOW SYSTEM
2173	HUSSAIN AHMED AKBARI (18500628) JASSIM ABDULLA AL-DHKEEL (19500337) A.AZIZ NABEEL ALMADHI (19500375)	SMART SAFETY HELMET
2174	MOHAMMED ALI SALMEEN (18500141) RASHED MUBARAK BEN GUBAER (18500641) AHMED RIFAAT MUKHTAR (17500115)	GENERATING ELECTRIC POWER FROM TIDES OF SEA WATER "SITRA

		BRIDGE"
2175	USRIA EKHLAS ALDEEB (17500534) ABDO AMIR SALLOUH (17500750) YOUSIF ABDULLA JASSIM (19500767)	SMART ROLLING GARAGE
2176	FAHAD HASAN ALTHAWADI (18500783) ABDULWAHAB JAMAL MALALLA (18500415) MOHAMMAD GHAZI MURAD (15500605)	AUTONOMOUS BOT AVOIDING OBSTACLES FACE AND OBJECT DETECTION
2177	ABDULHALEM FAYEZ KADDOUR (19500355) YOUSEF ABDO ELSHIWI (16500368)	INTELLIGENT DRIVER ANALYZING SYSTEM IDAS
2178	WALEED SABIH ALTAMEEMI (17500130)	ROBOTIC HAND
2179	AHMED KHADHER ALMUALEM (19500650) HUSAIN HUMEED ALKHAYAT (19500274) SALMAN ALI BUMADAN (16500711)	HYDROGEN GENERATOR
2180	JAWAHER SAAD (18500023)	FIRE FIGHTING ROBOT
2181	ABBAS ALI ABBAS (19500952) KHADIJA JAAFAR AHMED (19500412) ZAINAB HUSAIN HASAN (21500037)	SELF-PARKING CAR
2182	SADIQ ALMUTAWA (19500562) ADAM QAHER ADAM (17500108) AMIN AQEEL (19500724)	AUTOMATC BRAKE SYSTEM USING FUZZY LOGIC (ABS)
2183	SALEH ALASFOOR (19500918) HASAN SULTAN (19500923)	DESIGN AND FABRICATION OF A PORTABLE AIR COOLER
2184	OMAR ABDULHALEM MURAD (20500468) HAMAD NABEEL JANAH (19500546) ABDULRAHMAN AHMED ALQASEER (19500726) MOHAMMED JAMAL MESHKHAS (16500747)	MULTI ENERGY CAR (MEC) FOR FACTORY SECURITY AND INSPECTION
2185	HUSAIN MOHAMED JALAL ISA (17500496) HASSAN JASSIM SHABIB (17500414)	PORTABLE SMART STUFF SORTING SYSTEM
2186	MATAR MOHAMED MATAR (19500850) ALI MOHAMED MATAR (19500670) YOUSIF ABDULLA MOHAMED (18500251)	DESIGN AND CONTROL OF WAITER ROBOT
2187	KHALED HUSAIN ALJAWDER (16500436) AMMAR MANSOOR MERZA (19500611) ABDULRAHMAN MOHAMED BADRI (16500456)	AUTOMATED CIRCULAR PARKING TOWER
2188	QASIM MOHAMED (17500123) SAYED ABDULLAH (17500326)	ROBOTIC HAND
2189	MOHAMED ISA FATHALLA (18500878) SALEM ABD ALKAREEM ATEYA (18500737) MOHAMMED MUSTAFA HASAN (16500306)	AI STUDENT ASSISTER
2190	FAHAD NASSER ALKOOHEJI (19500932) NASER WALEED ALSALAIMI (19500949) ABDULLA MOHAMED ALKAABI (19500935)	DEVLOPMENT & DESIGN OF A QUADRUPED ROBOT
2191	MAST RAYHAN ISLAM (19500432) MOHAMMED AKRAM HOSSAIN (18500614) MOHAMMED ABDULLAH ALEJAIWI (19500890)	AUTONOMOUS WAREHOUSE REBOT

2192	FAISAL ALSHAMMARI (19500930) MUBARAK YUSUF MUBARAK (19500964) ABDULLA HAMAD YUSUF (18500981)	SOLAR GRASS CUTTER
2193	ALI HASAN HABIB (19500904) SAYED MOHAMED SALMAN (19500174) AHMED MOHAMED EBRAHIM (19500541)	INELLIGENTCHESSBOARD
2194	AMMAR SHARIF MOUSA (20500174) MANAR AMJAD ABUSHAMMALAH (20500354) MINAR HAYDER ALRUBAYE (20500345)	AUTOMATIC FIRE EXTINGUISHING
2195	MOHAMMED RASHEED TEERKY (20500216) MOHAMMED NIDAL DALALTI (17500194) YOUSSEF MHD JAMAL (20500136)	DESIGN AND IMPLEMENTATION OF SOLAR DESALINATION
2196	YUSUF EBRAHIM ALMESMARI (18500120) MOHAMMED ABDULREDHA MURADI (19500226)	COLOR SORTING MACHINE
2197	ABDULRAHMAN ALI JANAH (18500498) YOUSIF SALAH Rafea (18500224)	WINDOW CLIMBING CLEANER ROBOT
2198	MOHAMED HAMEED ALRAEES (20500060) HASAN ALI MOHAMMED (20500034) MOHAMED SADIQ ALI MEFTAH (20500061)	AACOUSTIC WASTE SORTING MACHINE
2199	KHALIFA ALI JANAH (18500105) ABDULRAHMAN ALI JANAH (18500104) AHMED TAREQ ALSOWAR (18500751)	FIRE FIGHTING SYSTEM
2200	SALMAN MOHAMMED FALLAH (19500334) HABIB AHMED HABIB (16500381) ALI NIZAR HASSAN (19500028) ALI MOHAMMED ALARADI (18500464)	CUT OUT LIFTING ROBOT
2201	ABBAS ABDUL HASAN HAIDARI (15501045) GHASSAN YOUSIF HATTAB (17500459)	DRILING AND ENGRAVING CNC MACHINE
2202	SANAD AHMED BINSANAD (17500620) OMRAN AYOOB MURAD (18500218) MUATH KHULAF THEEBAN (17500233) ABDULRAHMAN YUSUF ALHELO (17500425)	HUMANOID
2203	FATEMA ALI ALARADI (19500403) YOUSIF HABIB MAIDAN (18500577) MOHAMED JAFFER YOUSIF (19500225)	GESTURE SIX-AXIS ROBOTIC ARM : BASED ON WIRELESS CONTROL USING A ROBOTIC GLOVE
2204	TAHER ALI ALMAJHAD (19500452) ABDULLA KHALIL AJAJ (20500020) HESHAM ABDULRAZAQ ALAWADHI (20500570)	SMART WHEELCHAIR FOR SPECIAL NEEDS
2205	AHMED ISMAIL (17500424) SALEH AL THAWADI (19500140)	WALL CLIMBING CLEANER ROBOT
2206	AHMED HASSAN AHMED (19500308) AHMED ABDULHAMEED ALALI (19500105) AFNAN IBRAHIM ALANI (18500154)	PHARMACY ROBOTIC ARM

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**List of Capstone Projects SY 2024-2025**

Accession Number	Student Name	Project Title
2208	HOSSEIN ALI BH20500477 SAYED QASIM MOHAMMED BH19500287	ALARM SAFETY SYSTEM BASED ON MACHINE VISION
2207	YAHYA ALI BH20500004 MOHAMMED SAEED BH20500118 FADHEL ABBAS BH20500143	UNDER RUBBLE SURVIVAL ACTING ROBOT
2209	HUSSAIN MOHAMED BAQER (19500927) AHMED ALI MOHAMED (18500183) SAYED AHMED MOHAMED (17500498)	HYDROGEN GENERATOR
2210	ALI HUSAIN ALTAIF (20500274) ALI MOHAMED ASHOOR (20500388) SYED MOHAMMAD ALI JAVED (20500178) FADHEL ABBAS HUSAIN (20500247)	DESIGN OF AUTONOMOUS 6-DOF ROBOTIC ARM FOR VERSATILE UNIVERSITY LABORATORY APPLICATIONS
2219	YOUNIS MOHAMMED BH17500710 HUTHAIFA HANSEN BH20500633 AHMED MAHMOUD BH19500109	ELECTRICITY GENERATION FROM INDUSTRIAL BUMPS
2216	KAMAL ISMAIL BH19500258 ABDULLAH ADIL BH20500118 REDHA AHMED BH20500694	AIR QUALITY MONITORING ROBOT
2211	KHALID HASSAN BH1N500220 ESRA SALAH BH19500008 ABDULAZIZ WALID BH19500711	3D CONCRETE PRINTER SYSTEM BASED ON MACHINE VISION
2212	FALAQ MUNIR MALIK BH20500400 SARA ABDULLAH BH21500281 MANAR ABDULWAHAB BH19500856	AUTOMATED MEDICINE DISPENSING SYSTEM
2214	YASIR HAYAT BH19500754 NASSER MANSOOR BH20500502 ABDULLAH KADEM BH19500687 MAHMOOD KAMEL BH20500375	DESIGN AND APPLICATION PLASTIC TO FUEL SYSTEM
2213	ALI HASSAN BH20500077 HAMAD ABDULLAH BH 500554 NASSER ABDULLAH BH17500752	PRESSURE AND FLOW FESTO WORKSTATION REVAMPING
2217	ALI MAHMOOD ABDULLA (18500864)	AIR QUALITY ROBOT

2218	JEDDHIE DARLENE LEDESMA CORTEZ (20500347)	ROBOTIC CLEANING HYGIENIST
2224	EYAD YUSUF BH19500917 ABDULLA NEDHAL BH17500076	WINDOW CLEANING ROBOT
2220	YUSUF ELYAS MOHAMEDBH H20500028 HASSAN MOHAMMED ABDULLAHBH H19500779 HAIDER ALI ABDULRASOOL BH20500033	A FUZZY CONTROL STRATEGY FOR FOUR-WHEEL STEERING SYSTEM
2221	AHMED ABBAS AHMED BH20500277 ALI HASAN BH20500277 HUSSAIN ALI YUSUF BH20500316 MAHMOOD MOHAMMED BH20500311	SOLAR STILL: HARNESSING SOLAR ENERGY FOR WATER PURIFICATION
2228	ALY HOSSAM BH20500002 MOHAMED AHMED SHAFIK BH20500002 RITAJ M BENAYAD BH21500309 SALMAN ZUHAIR BH19500070	HYBRID WEARABLE AIR MONITORING DEVICE FOR RESPIRATORY WELL-BEING
2235	MAHMOOD ADEL BH20500398 MEHDI HABIB BH17500442	AIR QUALITY ROBOT
2222	MURTADHA ABDULHADI BH20500070 MAHMOUD FAHAD BH19500254 ABDULLAH ISSA SHABIB BH19500963	AI-ROBOT ENVIRONMENTAL MONITORING SYSTEM FOR INDUSTRIAL APPLICATION
2223	ABDULLAH NEDAL BH20500176 BASEL HUSSEIN BH19500740 ELTAYEB MUSTAFA BH19500660 KHALID WALEED BH16500766	PIPE CLEANING ROBOT
2226	REZA AHMED BH20500538 HUSSEIN KHALID BH21500008 ZAINAB BINTH BH21500233 SALMAN AMIR BH20500068	DESIGN AND DEVELOPMENT OF ARE REMOTELY OPERATED UNDERWATER VEHICLE FOR C PIPELINE AND INFRASTRUCTURE ASSESSMENT
2225	RASHID KHALID BH20500309 MOUSA ABDULLAH BH19500468 HASSAN ALI BH20500394	DESIGN OFF ON ECHO ROBOTIC ARM MORE INTELLIGENT WASTE MANAGEMENT

2233	HISHAM ABDULSALAM BH21500028 JAMAL MAHMOUD BH20500649 ALI MANSOUR BH20500680	SOLAR POWER RC BOARD FOR AIR AND WATER QUALITY ANALYSIS
2228	ALY HOSSAM BH20500002 MOHAMMED AHMED BH20500240	WEARABLE AIR MONITORING DEVICE FOR RESPIRATORY WELL-BEING
2230	HASSAN ABDALI BH20500534 MOHAMMED JAWAD BH 20500325 YASER YASEEN BH 21500104 SAIF AHMED BH 19500912	SOLAR POWERED OFFSHORE MICRO ALGAE FARM
2231	ALI MAHMOUD BH19500662 SAYED MAHMOUD BH 19500921 MAHMOUD AL SHIHABI BH 19500922	AUTOMATED CHEMICAL SUBSTANCE PRODUCTION LINE UTILIZING PLC
2232	MUSTAFA YASER BH21500030 ABDULLAH ABDULMAJEED BH 22500411 HOUSAM GHASSAN BH 21500207	DESIGN OF WAS PROSTHETIC HAND CONTROLLED BY MUSCLE SENSOR
2234	YUSUF RASHID BH 21500073 ABBAS MOHAMMED BH20500662 HUSSAIN YOUNIS BH19500909 ABDULLAH QAHER BH18500301	EXPLORING THE EFFECT OF EMBEDDED PASSIVE CONDENSERS ON SOLAR STILL PRODUCTIVITY SOLAR POWERED
2229	RABAH SALMAN BH19500634 GHAITH MOHAMMED BH19500968	SOLAR POWERED SOLARIS STILL WATER PURIFICATION
2227	ABDULLAH KHAN BH21500343 SAAD BASHIR BH21500280 GHULAM GHOUSS BH18500679	AI SOLAR VERTICAL FARMING

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**List of Capstone Projects SY 2011-2012**

Accession Number	Student Name	Project Title

665	MOHAMMED A HUSSAIN ABDULLA(BH07501470), SAYED HASAN HASHIM(BH07501067)	FIRE ALARM AND SPRINKLER SYSTEM WITH INTEGRATED FIRE EXTINGUISHERS LOCATOR
700	IAN KENNETH BATOON PAA(BH07500829)	FIRE MONITORING SYSTEM
714	ZAINAB HASSAN(BH08500216), EMAN HAMEED(BH08500252), EMAN MOHAMMED(BH08500330), AMAL ABDULMOHSIN(BH08500425)	HOME AUTOMATION AND SECURITY SYSTEM
715	YAQOOB YOUSIF MOHAMED(BH08500071), MOHAMMED JAWAD ALWAMI(BH08500837)	MICROCONTROLLER BASED MONITORING AND CONTROL OF GREENHOUSE ENVIRONMENT
716	RAZZHIE MAE S. LOPEZ(BH08500026), JOHN HAROLD V. ARTISTA(BH08500462), DAN BRIAN V. AQUINO(BH08500005)	TIME BASED HOME CONTROL SYSTEM
717	AHMED SAMEER SALIM(BH07500220), AHMED MOHAMED SALMAN(BH08500058)	STUDENT ATTENDANCE MONITORING SYSTEM
718	WALAA S. MATOOR HASHIM(BH09500026), SAFA THAMER KAMAL(BH07500239)	PC BASED MEDICINE LOCATOR AND MONITORING SYSTEM
779	HUSSAIN ABDULRAHMAN MOHD(BH07500639), HUSSAIN ABDULLA HAMADA(BH07501139), NAJI ALI ABDULHUSSAIN(BH08500869)	IDENTIFICATION SECURITY SYSTEM
791	EBRAHIM AAMER(BH08501064), EBRAHIM AHMED(BH07500826), ADEL AHMED(BH07500394)	KEYPAD SECURITY SYSTEM WITH WARNING CALL
792	ALAA TAHER AQEEL(BH07501152), JEHAD MOHAMED (BH07501440)	HOME GUARD INTRUDER ALARM SYSTEM
793	HUDA AL ABDAN(BH07501000), NADA MURAD(BH07500551), DAREEN AL FAIHANI(BH07500166)	BIOMETRIC IDENTIFICATION SECURITY SYSTEM
794	HASAN MAKKI MOHSIN, ALI ABDULLA AL KHAYAT, JAWAD MOHAMMED AL DAKHEEL	MICROCONTROLLER BASED AUTOMATIC

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#### List of Capstone Projects SY 2012-2013

Accession Number	Student Name	Project Title
923	ALI A.HAMEED SALEH(BH08500101), FATIN	ELECTRONIC SOLAR TRACKING SYSTEM

	FAISAL SHAKEEB(BH09500623)	
993	ZAINAB KHALID ALANSARI(BH09500446)	DESIGN & DEVELOPMENT OF MICROCONTROLLER-BASED VOICE ACTIVATED WHEELCHAIR
910	MAHMOOD NAISER(BH08500418)	RFID AND MICROCONTROLLER BASED PATIENTS RECORDS MONITORING SYSTEM USING AN ANDROID TABLET
911	ALI HUSSIEN ABDULRAHIM(BH08501357)	HOME DEVICE CONTROLLER USING DTMF
1057	ABDULLA SAUD BUBSHAIT(BH07501151), AHMED MOHAMMED AHMED(BH08500458), MOHAMMED FARAJ MOHAMMED(BH07500686), DHAYA ALI GHANEM(BH07500957)	HOME AUTOMATION THROUGH WEB
922	ABDU;AZIZ EMAD SALEH, AQEEL HABIB AL HAWAJ, MAHER MIRZA ALI AL ARAYEDH	ROBOTICS ARM
1059	ALI ABDULLA ALI BUCHEERI(BH09501077), HASSAN NABEEL ALSWAIDI(BH09501195)	DESIGN AND DEVELOPMENT OF DEPTH MEASUREMENT DEVICE USING ULTRASSONIC SENSING

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#### List of Capstone Projects SY 2013-2014

Accession Number	Student Name	Project Title
1142	ALI ADEL ALAAZMI(BH08500370), LATIFA KHAMEES(BH08500147)	A DESIGN AND DEVELOPMENT OF ELECTRONICS MEDICAL RECORD
1145	MARYAM SALAH ALSHARRAH(BH09501076), AMEENA KHALID ALURRAN(BH09500334), ISRAA HASHIM ALABADI(BH09500936)	AMA SELF SERVICE MACHINE FOR STUDENT ACADEMIC FORMS
1146	HADEEL AYED YOUNIS(BH08501333), AMEENA A.ELLAH(BH09500131)	REMOTE CONTROLLED BLUETOOTH ENABLED VEHICLE
1155	NEZAR H. EID(BH09500805), ALFRED W. ALIMUIN(BH09500213)	THE DESIGN AND DEVELOPMENT OF A VOICE ACTIVATED HOME CONTROL SYSTEM(V.A.H.C.C)
1156	JAN FRACIS GAGUI(BH07500744), IRISH BERNADETTE SIWA(BH08501519), JULIAN ANDRE CORONEL(BH09500237)	DEVELOPMENT AND DESIGN OF ACCELEROMETER-BASED MOUSE
1161	ALYA TAWFEEQ KHALIL(BH09500726)	DESIGN AND DEVELOPMENT OF HOME AUTOMATION BASED WEB SERVER USING PIC32 MICROCONTROLLER

1135	ABDULRAHMAN ABDULLA MATTER(BH07500194)- SAMEER KHALIL SIDDIQI(BH06500501)	DESIGN AND DEVELOPMENT FOOTBALL ROBOT COLLECTOR
1131	MOHAMMED ISA MOHAMMED(BH08501202), AMEER JAFFAR AL- NAYEM(BH07500257), ABDULRAHMAN ALMAHMOUD(BH07501500)	A DESIGN OF MOTION DETECTION SYSTEM
1136	MAHMOOD HILAL (BH09501158)	DESIGN AND DEVELOPMENT OF INFANT SECURITY DEVICE USING RADIO FREQUENCY IDENTIFICATION (RFID)
1216	MUBARAK NASSER ALDOSERI(BH09501000), FAHAD WALEED ALOMRAN (BH08500622), MOHAMMED SALEH (BH08500257)	IMPLEMENTATION OF PATIENT VITAL CARDIATIC MONITORIES VIA SMART PHONE
1217	REEM ALMAHMOOD(BH09501093), ALANOOD ALISA(BH09501091), AISHA ALHEDDI(BH09500276), AMIINA BUCHEERI(BH09501038)	DESIGN AND DEVELOPMENT OF HEXROBO- THE SIX LEGGED ROBOT
1219	HASSAN ALI AHMED (BH09500583), MOHAMMAD FAISAL DHAIF (BH09500437), AHMED FAISAL DHAIF (BH09500438)	DESIGN AND DEVELOPMENT OF VOICE OVER ULTRASONIC TRANSDUCER
1221	ANDULRAHMAN TARIQ (BH08500190), ABDULLA FOUAD (BH07501401), LULWA EBRAHIM (BH09500297)	DESIGN AND DEVELOPMENT OF MICROCONTROLLER BASED UNDERWATER MEASURING AND MONITORING SYSTEM
1261	MOHAMMAD MAJED ALBINALI (BH09501439), KOUROSH MAHMOOD (BH08501281), SAUD ABDLAZIZ ALHASAN (BH10500414)	DESIGN AND DEVELOPMENT OF HEALTH MONITORING SYSTEM
1263	JOHN PETER RARICANSEMILLA (BH08500287), MAHMOOD RASHID KHAWAJA (BH09500455), ZAID ABDULLA MOHAMED MAHMOOD (BH09500603)	DESIGN AND DEVELOPMENT OF A FINGERPRINT READER FOR CAR IGNITION USING ARDUINO MICROCONTROLLER
792	ALAA TAHER AQEEL(BH07501152), JEHAD MOHAMED (BH07501440)	HOME GUARD INTRUDER ALARM SYSTEM
793	HUDA AL ABDAN(BH07501000), NADA MURAD(BH07500551),DAREEN AL FAIHANI(BH07500166)	BIOMETRIC IDENTIFICATION SECURITY SYSTEM

794	HASAN MAKKI MOHSIN, ALI ABDULLA AL KHAYAT, JAWAD MOHAMMED AL DAKHEEL	MICROCONTROLLER BASED AUTOMATIC
1265	MAHMOOD SHEHAB (BH07501368)	DESIGN AND IMPLEMENTATION OF AUTOMATED CAR PARKING SYSTEM
1281	MOHAMED MOHSIN ALBAQSHI (BH10500785), AHMED AREF EBRAHIM (BH09500220)	WATER QUALITY MONITORING SYSTEM IN A PRESERVATION TANK

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**List of Capstone Projects SY 2014-2015**

Accession Number	Student Name	Project Title
1337	LAYLA YUSUF ABU SAADAH (10500036)	PLUG AND PLAY NETWORK MONITORING PERIPHERAL FOR ALKOOHEJI ELECTRICAL CONTRACTORS & CONSTRUCTION
1338	ABDULRAHMAN KADI AMIN (10500824), RUEL PATRICK G FANTILLAN (10500037), AHMED SALEH ALI (09501465), YUSUF ABDULAZIZ ABDULLAH (10500879)	DESIGN AND DEVELOPMENT OF BAHRAIN BASED WEATHER STATION
1339	HUSSAIN MOHAMMED JAWAD (08501480), MOHAMMED ABDULLAH SABBA (09501217), AHMED EBRAHIM MOHAMMED (07500249)	DESIGN AND DEVELOPMENT OF WEARABLE ASSISTIVE DEVICE FOR VISUALLY IMPAIRED PERSON
1340	HASSAN AHMED AL MEER (09500798), HAMAD MOHAMMED JANAH (09500378), TURKI JASSIM ALDOSSERI (10501531)	DESIGN AND DEVELOPMENT OF INTELLIGENT CAR PARKING & SECURITY SYSTEM
1341	TUFOOL AHMED AL SHAJI (10501721), NUJOOD SALAH AL ATTAWI (10501303), FATIMA KHALID AL MURAN (10500794)	DESIGN AND DEVELOPMENT OF SCANNER BASED BIDDING SYSTEM
1372	ZAID IMRAN KHUDAIER (08501071), AHMED ABDULRAHMAN AHMED (08500182)	DESIGN AND IMPLEMENTATION OF CAR SELF PARKING AND PARKING GUIDER
1385	ALI A.RASOOL TAHER (06500440), A.HUSSAIN SALMAN MATOOQ	SMART PUBLIC BUS TRANSPORTATION SYSTEM

	(10500999)	
1399	HAMAD MUBARAK BAHAR (10501186), FATIMA A.HAMEED (10501175), KHALID SABER (10500823)	DESIGN AND IMPLEMENTATION OF EMERGENCY TRAFFIC SIGNAL CONTROL SYSTEM
1424	AHMED ADEL AHMED (08501474)	DESIGN AND DEVELOPMENT OF SMELL DETECTORS
1425	REHAM KHALID FAHAD (08501304), BASHAYER A.MONEM SAEED (0950133), REEM S.NOORI ALABBAR (10501078)	DESIGN AND DEVELOPMENT OF WATERING SYSTEM VIA SMS
1426	ABDULLA AHMED ABDULLA (07501046), ISA AHMED ABDULLA (07500065)	DESIGN AND DEVELOPMENT OF 3D ANIMATION IN LED CUBE
1427	HAYA YUSUF ALSHAMMI (10500142), FATIMA ISMAIL JANABI (10501315), MARYAM A.RAHMAN (10500512)	DESIGN AND DEVELOPMENT OF INTELLIGENCE STREET LIGHT CONTROL SYSTEM
1428	MOHAMMED HASSAN ALSAEGH (09501384), HUSSAIN MOHAMED JAFFAR (08501475), ALI HABIB YOUSUF EBRAHIM (09501314)	DESIGN AND DEVELOPMENT OF DIGITAL SMART PEN
1460	MOHAMED TAQI (10500110), YOUSAF ALI AHMED (08500056), HASSAN ALI KHALIL (07500571)	SAFETY SEAT FOR AVOIDING CHILD HEAT STROKE
1461	ISA EBRAHIM ALMAJED (08500799)	SURVEILLANCE SYSTEM UTILIZING THE CONCEPT OF IOT (INTERNET OF THINGS)
1462	AHMED ALBURSHAID (10501414), MARIAM A.RAHMAN (10501651)	DESIGN AND IMPLEMENTATION OF GSM BASED VEHICLE SECURITY SYSTEM
1463	FATIMA JASSIM TAMMAM (08500234)	DESIGN AND DEVELOPMENT OF VOICE CONTROLLED PROSTHETIC ARM
1464	ALI MAKI ALZENJI (07500196), AHMED FAISLA KHALIFA (07500907)	DESIGN AND IMPLEMENTATION OF ADVANCE WIRELESS VOTING SYSTEM BASED ON SECURE RFID
1465	MAHMOOD FAWZI (10500336), ABDULAZIZ MOHAMED (10500936), ABDULLA YOUSIF (10500029)	INTELLIGENT WATER LEAKAGE DETECTOR GSM BASED MOISTURE DETECTION SYSTEM
1466	ABDULLA A.RAHIM SARHAN (10500933), MAHMOOD JASSIM MOHAMMED (10500838), OTHMAN MOHAMMED (09500205)	SMART VEHICLE ACCIDENT DETECTION

1467	ISA ABDULAZIZ JANAH (10501708), ERVIN RAY TIMOLA (10501353), ISA JUSAIN ISA (10501592)	DESIGN AND DEVELOPMENT OF WEIGHTLIFTING FEEDBACK DEVICE
1468	WESAM MOHAMMED (80501381)	DESIGNING AND DEVELOPMENT OF 3D LASER SCANNER
1469	ALI HASAN ATEEQ (08500859)	DESIGN AND DEVELOPMENT OF CAR FAULT DETECTION SYSTEM

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**List of Capstone Projects SY 2015-2016**

Accession Number	Student Name	Project Title
1509	AHMED ALJAZEERI (09500751), SHAKER ALZHHAR (09500775), FATIMA ALSHAIKH (09500248)	TEMPERATURE AND HUMIDITY MONITORING SYSTEM
1532	MANAR ATTEYAT ALLAH (07500327)	DESIGN AND DEVELOPMENT OF DIGITAL ELECTRONIC LOCK SYSTEM
1544	AMAL MOHAMMAD KHALIL (10501023), EMAN SAADI MOHAMMED (10500664), MARYAM SALAH ESSA (10501648)	DESIGN PROJECT REPORT DISH ANTENNA POSITIONING BY ANDROID APPLICATION
1549	NAJI HMOOD ALOSAIMI (08501579), ABDULLA RASHED ABDULLA (08500417)	DESIGN AND DEVELOPMENT OF SMART HYDROPOONICS SYSTEM
1550	YOUSIF GHAZI ALSALLOOM (12500116),	DESIGN AND DEVELOPMENT OF ADVANCE TOLL
	SALEM EDHAAR ALKUWILI (10501102)	COLLECTION SYSTEM FOR VEHICLE USING MICROCONTROLLER
1551	HUSSAIN ALI ABDULLA (12500055), MUBARAK YOUNIS JANAH (12500120), AHMED FLAIHAN (12500129)	DESIGN AND DEVELOPMENT OF AUTOMATED LAUNDRY SYSTEM
1552	BEDOOR ABDULLA (08500748), ATEYA BASED JAFFAR ATEYA (09500956)	DESIGN AND DEVELOPMENT OF RFID VOTING SYSTEM

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**List of Capstone Projects SY 2016-2017**

Accession Number	Student Name	Project Title
1584	EDLE VER S. VILLANUEVA (09500436)	DESIGN AND DEVELOPMENT OF SMALL DEVICES CHARGING SHOES

1630	ABDULLAH ISA SUBAH (12500003), MOHAMMED AHMED ALHASSAN (12500170), SAAD FARHAN JUMA (12500081)	DESIGN AND DEVELOPMENT OF BAR CODE BASED INTELLIGENT DOOR SYSTEM
1657	GAYDA MARIE B. ANGELES (13500163), ALLIYZ KHARMEILLE D. AREVALO (13500200), JAWAHER AL-HOORI	E-NURSE WITH ZIGBEE-BASED COMMUNICATION
1659	ABDULLA AMEEN (09501475), FAZEEL AHMED (13500473), NOOH NABEEL CHANEM (12500273)	MICROCONTROLLER BASED MONITORING AND CONTROLLING THE USERS OF ELECTRONIC CIGARETTES

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**List of Capstone Projects SY 2017-2018**

Accession Number	Student Name	Project Title
1697	ALI SAEED ALI ALDAWOOD (10501005), ALI ABDULRASOOL ABDULLA (09501162)	COIN OPERATED PRINTING MACHINE
1698	ISA SAMEER ALKHAJA (09501577), ALI HASSAN RAMADAN (12500020)	DESIGN AND DEVELOPMENT OF ENERGY METER BILLING VIA SMS
1782	ALI ABDUL SAMAD HABIB (13500247), ALI HASSAN EBRAHIM (12500344), MOHAMMED ALI MAKI (13500205)	DESIGN AND DEVELOPMENT OF AUTOMATED PARKING SYSTEM

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**List of Capstone Projects SY 2018-2019**

Accession Number	Student Name	Project Title
1898	SAUD ISA AL AHMED (12500290), AHMED MANSOOR ISA (13500136), SAHARISH GULZAR (14500562)	PHOTOTHERAPY MONITORING DEVICE FOR TREATING JAUNDICE IN NEW BORN BABIES
1815	HASAN SALEH ALMUTAWA (10500959) MISHAL JAMAL ALNAJDI (12500346) ABDULRAHMAN RASHID ALI (12500347)	DESIGN AND DEVELOPMENT OF HOSPITAL DIGITAL OXYGEN CYLINDER PRESSURE SENSOR MONITORING SYSTEM
1997	ISA FAISAL ALDALOO (14500856), SAAD JABER SAAD (14500151), MOHAMMED BABIKER (13500358)	DIGITAL CHAIR

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List of Capstone Projects SY 2019-2020

Accession Number	Student Name	Project Title
2045	SADEEN JABR AHMED (15500573), SARA ADEL ABDULRAHMAN (14500782)	FIRE FIGHTING ROBOT
1998	AHMED RASHID AL JABER (14500315), HASSAN ABDULWAHAB (12500396)	WASTE MANAGEMENT SYSTEM - SEGREGATION OF WASTE DISPOSAL
1999	MAUI DAVID OLAES (13500581), HASSAN ABDULWAHAB (12500396)	DESIGN AND DEVELOPMENT OF ELECTRONIC WASTE (E-WASTE SEGRATION AND DISPOSAL SYSTEM

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List of Capstone Projects SY 2020-2021

Accession Number	Student Name	Project Title
2000	MOHAMMED JAMAL ALBREEM (15500702), SARA ABDULKARIM HASAN ABDALI ABBAS (16500030) REEM SADEQ ALI (16500321)	DESIGN AND DEVELOPMENT OF RFID BASED PASSPORT FOR STUDENTS PASSING KING FAHAD CAUSEWAY
2001	WALEED YUSUF ALBUSMAIT (13500398)	DESIGN AND IMPLEMENTATION OF NOVAL NETWORKING ARCHITECTURE FOR SCHOOLS AND UNIVERSITIES IN THE KINGDOM OF BAHRAIN - BAHRAIN SECTION OF NREN (BAHREN)
2002	HUSSAIN ALBANNA (17500263)	MACHINE VISION SECURITY SYSTEMS FOR EARLY IDENTIFICATION AND MONITORING OF COVID -19 CASES
2003	MOHAMMED JABED BIN MUJEEB (15500610)	AI POWERED IMPLEMENTATION OF COVID-19 CHATBOT IN THE KINGDOM OF BAHRAIN

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List of Capstone Projects SY 2021-2022

Accession Number	Student Name	Project Title
2004	ABDULLAH HASAN ALI (16500257), MUNEERA JASSIM ALTHAWADI (16500228), OSAMA MOHAMMED (16500830)	DESIGN AND IMPLEMENTATION OF HYROPONIC INDOOR FARMING GROW SYSTEM

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**List of Capstone Projects SY 2022-2023**

Accession Number	Student Name	Project Title
2005	AMMAR SALEH EBRAHIM (18500763) JAFFER MOHAMMED JAFFER (18500066) ABBAS FADHEL ABBAS (17500107)	MEASUREMENT OF CARBON DIOXIDE EFFECT ON THE ENVIRONMENT
2006	HASAN EID HASAN(19500299) ALI HASSAN ALI (17500783) ABDULAZIZ MOH'D (18500108)	WAITER ROBOT
2156	EBRAHIM KHALID ALI (16500755) KHALED EBRAHIM ALKHALILI (19500015) EARLJUN MALALUAN FERRERA (19500280)	DESIGN AND IMPLEMENTATION OF SELF ARRANGING CHAIR
2160	FATIMA GHAZI NASSER (16500236) HADI ABD HUSSAIN (17500720) SAYED HUSSAIN AMIN ALI (16500238)	3D SCANNING AND PRINTING SYSTEM

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**List of Capstone Projects SY 2023-2024**

Accession Number	Student Name	Project Title
2007	LOKMENE ALMOUBAREK MAGHMOUL (19500858) LAMYA AHMED MAREI (19500392) HAYA JALAL MOHAMED (20500486)	DESIGN PROJECT REPORT SUPPORTED BY INJAZ BAHRAIN
2008	FAHAD NASSER ALKOOHEJI (19500932) NASER WALEED ALSALAIMI (19500949) ABDULLA MOHAMED ALKAABI (19500935)	DEVELOPMENT & DESIGN OF A QUADRUPED ROBOT
2009	MAST RAYHAN ISLAM (19500432) MOHAMMED AKRAM HOSSAIN (18500614) MOHAMMED ABDULLAH ALEJAIRI (19500890)	AUTONOMOUS WAREHOUSE ROBOT

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**List of Capstone Projects SY 2024-2025**

Accession Number	Student Name	Project Title
2010	YUSUF YASSER BH20500029 MARYAM SARWAR BH20500507 ISA HANI BH19500113	SMART WASTE MANAGEMENT BIN
2012	DALE ANDREI BODOTA BH20500423	EVALUATION OF STUDENT LEARNING OUTCOMES USING MACHINE LEARNING

# **COLLEGE OF ENGEENIRING (COE)**

***Faculty research output published in AMAIUB COE Research Journal:***

- 2014
- 2015
- 2017
- 2018

## Hierarchical and Coupling Function sliding Mode Control for Underactuated Systems

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### Abstract

This paper presents three control techniques for controlling the classical cart-pole system, which is considered as a bench mark problem for under-actuated systems. Two nonlinear robust controllers have been designed based on sliding mode control method. The overall system model has been divided into two subsystems for the cart and the pole. For each subsystem a sliding surface has been designed. In addition, a linear quadrature regulator controller (LQRC) is presented and compared with the proposed nonlinear controllers. The cart-pole model has been simulated by using MATLAB Simulink. For testing purposes, nonlinear friction model has been added to the system model. The cart is able to reach the stability in spite of the friction forces. The control force response shows the ability of the system to reach the stability position without chattering in the control signal. The friction force works as uncertainties source that affects the controller performance. The results have shown the effectiveness of the proposed sliding mode controllers to stabilize under-actuated systems. Simulation results have shown the effectiveness of the proposed controllers, Hierarchical Sliding Mode Controller (HSMC) and Coupling Function Sliding Mode Controller (CFSMC), to stabilize the system in spite of the friction force.

**Keywords:** Sliding mode control, Nonlinear control, Cart-pole system, Underactuated systems.

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## Development of Mathematical Model for a Proportional Directional Control Valve in a Hydraulic System

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### Abstract

A mathematical model for a proportional directional control valve in a hydraulic system is represented in this paper. Three proportional directional control valves are used in the hydraulic system. The mathematical model of the system is derived and modified starting from the general basic equations of motion and flow rate taken into account the V- notch spool shape of the proportional valve. The theoretical part includes the derivation of the nonlinear mathematical model equation of combination system and the derivation of the transfer function for the complete hydraulic system. The relation between the flow rate and pressure at various spool displacements during the operation function using MATLAB package, have been done. The mathematical model proceeds with a general practical case for asymmetric hydraulic cylinder.

Keywords: Hydraulic system; Directional control valve; Proportional valve; Hydraulic Control; MATLAB

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## Perception of the Students on the Usefulness of Project-Based Learning for Mechatronics Engineering

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### Abstract

How to effectively integrate technology into the classroom has been a growing concern for teachers, parents, administrators and other stakeholders within the field of engineering education. The study explores the perception of the students on the usefulness of project-based learning for mechatronics engineering for the purpose of the design and development of mechatronics instructional desk. The specific project –based learning activity that were studied are the engineering design project for informatics engineering and mechatronics system design for mechatronics engineering. Qualitative data was collected from the students enrolled in the said course. The outcome of the study suggests that students gained knowledge and skills as well as lifelong skills that would not have been as easily learned through a different teaching strategy.

Keywords: Project-based learning, perception, Mechatronics system, Mechatronics instructional desk

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## An FIR Filter based technique for a low area, low cost FPGA-ASIC Architecture

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### Abstract

Data Communication has a wide range of applications especially in the modern day and has advanced at a tremendous rate since the mid-1990s. Different techniques and methods have been employed over the years in order to make the communication of analogue or digital systems as effective and error free as possible. The development of Integrated Circuits on a single chip has opened a series of possibilities to make devices more compact and effective. Designers and researchers of today have therefore various platforms and basis of advanced electronics wherein applications in varied fields are innumerable. Signal Processing that make use of Filtering are of two types namely Finite and Infinite Impulse Response Filters. The former is most commonly used as it is far superior in application as compared to the latter. This research incorporates the use of such a filter using the architecture which is FPGA based given that it saves area for extending any signal to be processed symmetrically on both sides of its boundaries. Additionally the conversion from FPGA to ASIC enables an improved architecture in terms of performance and cost.

Keywords: FPGA, ASIC, Integrated circuits, FIR filters, Signal processing

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## Adaptive Beam Forming In Smart Antennas Using Deterministic Techniques

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### Abstract

The terminology smart antenna is made use of in communications such as mobile in order to formulate a process that is adaptive to design that improves the base station capacity and data rate by means of focusing the electromagnetic energy radiation on a given transmitter while in turn improving the pattern of gain on the receiver. The transmitted signals from a base station are spatially directed to a mobile user. This is known as space division multiple access technique. The receiver gain of the station at base point is also improved by spatially constructing a beam in the direction of a mobile which is located on a transmitter end. The capacity through space division multiplexing can be further increased if one understands the true behavior of an antenna which is the central point of this methodology. Beam guided array antennas, are called smart antennas. In this work adaptive beam forming is done using different array structures namely linear array, circular array and planar array. This work presents an application of mathematical approach for adaptive beam forming in smart antennas. This approach includes least mean square algorithm, recursive least square algorithm. Reduction of mean square error is done in each step. The corresponding antenna gives the major beam towards desired user. One of the major drawbacks of the LMS adaptive type is that the algorithm must go through many number of iterations before the convergence is obtained. If the signal characteristics are changing, the LMS adaptive algorithm may not allow tracking of the desired signal in an appropriate manner. RLS algorithm is developed and is applied to different array structures. The transmitted signal in the channel is degraded with AWGN. With different antenna array structures the signal is approximately detected by utilizing mathematical and evolutionary algorithms. The applications of soft computing techniques for the adaptive beam forming of antenna arrays (linear, circular, and planar) are discussed.

**Keywords:** Adaptive array, Smart antenna's, Linear array, circular array, Planar array QPSK modulated signal.

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## Prosthetic Limbs Using Microcontroller

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### Abstract

This study aims at improving the quality of life for amputees; we aspire to design a prosthetic arm that can mimic the movement of a real hand in this project. Design consists of a seven-bar link mechanism attached to the palm as fingers and a rigid thumb. The mechanisms allow the prosthetic hand to conform to the shape of objects during grasps. The physical structure of the hand has been modeled such that it can be easily assembled. A model with four fingers and a thumb has been constructed. This model exhibits the full range of motion required to grip an object with some degree of force. The set up of the model consists of two four-bar chains in series forming a seven bar mechanism. The linear actuation is achieved by coupling a lead screw to the motor shaft. The drive link is imparted linear motion when the motor is actuated. This linear motion is transferred to the mechanism thus actuating the Metacarpal drive link which in turn actuates the proximal drive link and this link in turn actuates the distal phalange. This thus actuates the metacarpal phalange, proximal phalange and the distal phalange just like the human finger. When the finger comes across a resisting force to its actuation

the linear motion of the drive link is compensated for by the compression of the spring thus the force applied on an object being handled by the finger does not exceed a predetermined value that the mechanism is designed for.

*Keywords:* 4-bar chain, 7-bar chain, Prosthetic hand, EMG, Adaptive grasp

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## Spectrophotometric Analysis of the Different Brands of Cooking Oil: It's Implication to Human Health

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### Abstract

This study focused on the implications of using the different brands of cooking oil to human health. Canola oil, corn oil and sunflower oil were used as samples. The physical properties such as color, boiling point and specific gravity were determined. Also, the chemical properties, namely, cholesterol content and triglyceride content were also determined and compared to standard values. These became the bases for determining the implications of the different brands of cooking oil to human health. The specific gravity is 0.921, 0.898 and 0.908 for canola oil, corn oil and sunflower oil respectively. These values vary depending on the temperature. When the temperature is decreased, density will decrease and so the specific gravity. The boiling point of cooking oil varies on the type of oil considering the chemistry of cooking oil and how it behaves when heated. The total cholesterol content of the three brands of cooking oil fall under high risk since all the values are greater than 240 mg/dL. These values are due to the presence of saturated fats, unsaturated fats and other components of the three brands of oil.

**Keywords:** Boiling point, Specific gravity, Cholesterol content, Triglyceride content

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## Effect of Alum Treatment on the Effectiveness of Disinfection of AMA Sewage

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### Abstract

This study aims at studying the effect of Alum Treatment on the Effectiveness of Disinfection of AMAIUB Sewage. Disinfection of water and wastewater is done to ensure that the pathogens in the water are inactivated. In the past, there has been many instances of waterborne diseases that could have been prevented if proper sanitation was observed. And the most important is the disinfection of the water. The most commonly used disinfectant is chlorine because of its effectiveness, and it is non toxic to humans in quantities used in disinfection. Total coliforms are used as indicators of the effectiveness of disinfection primarily because they are non-pathogenic and easy to analyze. In this study the effectiveness of alum treatment of the AMA sewage in the chlorination of the water was investigated. Fresh sewage contains a lot of suspended particles and turbidity making chlorination of the water less effective. By first removing these suspended particles by using alum we can determine the increase in effectiveness by the reduction in the microbial count. The result of the study clearly showed that the AMA sewage needs to be treated with alum for to increase the inactivation of the coliforms. The inactivation process was in accordance with the Selleck-Collins Model. The positive effect of alum treatment was established by using linear regression. Two distinct inactivation lines were obtained for chlorination with and without alum treatment thus establishing that there was a significant difference between the two.

**Keywords:** Alum treatment, Chlronation, Waste water, Coliforms, NPN

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An Experimental Investigation into the performance of Hemispherical  
Basin Type Solar Still

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**Abstract**

A single basin hemispherical solar still was designed and constructed. Its performance was experimentally evaluated, with and without external reflectors, under the climate of the Kingdom of Bahrain during the autumn season. The hemispherical cover has a base diameter of 1m and a depth of 0.4 m, die cast from a 6 mm thick Lexan plastic sheet. The net effective area was 0.785 m<sup>2</sup>. It has been found that the average daily production rate obtained from the hemispherical solar still is 3.610 liter/day. This yield is 11.1% higher than the yield of a conventional simple type single slope solar still having 20° slope glass cover and a larger effective area of 1 m<sup>2</sup> obtained in previous research under similar climatic conditions. It has also been found that adding 1.2 m long by 0.15 m curved reflectors increased the yield of the hemispherical solar still by 5.5 %, while the 1.2 long by 0.3m curved reflector increased the yield by about 8%.

**Keywords:** Hemispherical solar still, Solar Desalination, Solar still, Solar energy

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Design and Implementation of Automated Harvesting Machine for Small Trees

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**Abstract**

Fruits and other produce are usually harvested manually either by picking or by using sticks to beat the crown and the fruits are collected in cloths spread under the trees. This process is labor intensive, as it requires a number of individuals to harvest large areas and resulting to low harvesting productivity. The proponents designed a machine, which can be used to harvest fruits of small trees with the objective of reducing harvesting time and labor cost. The harvesting machine induced a rapid and abrupt swinging actions that forced that fruits or cluster of fruits to detach from the trees. The machine is controlled by a microcontroller which implements the control strategies.

**Keywords:** Sensor, control, programmable logic controller, automation, harvesting machine

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## Microbiologically Effect on Purity of Desalinated Water and Degradation of Materials

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### Abstract

Different types of bacteria have a considerable effect on materials degradation. Aerobic bacteria require oxygen to be active. Anaerobic bacteria don't need oxygen to be active. microorganisms can influence corrosion by effects such as differential aeration cells, the production of corrosive species such as mineral and organic acids, ammonia, and reduction of sulfate to sulfide. The mechanism of degradation bases on forming biofilms on the materials surface. The biofilms may in turn produce an environment at the biofilm/metal interface radically different from the bulk medium in terms of pH, dissolved oxygen, organic and inorganic species. Anaerobic bacteria produce highly corrosive species as part of their metabolism. Aerobic bacteria produce corrosive mineral acids. Fungi may produce corrosive by products in their metabolism, such as organic acids. In fact, the degradation not only includes metals and alloys but also coating on surfaces and woods. Also, microorganisms have an important effect on water desalination. Microbial desalination cell offers a new and sustainable approach to desalinate saltwater by directly utilizing the electrical power generated by bacteria during organic matter oxidation.

Keywords: Microbial degradation, Bacteria, biofilms, metals and alloys, metabolism, desalination

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## Design and Implementation of Automated Water Heating and Cooling System

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### Abstract

Automated water heating and cooling system has been in existence for years and deployed in different locations from residential sector to industrial sector. The costs and complexities of the system may vary depending on the amount of water and the application that may varies from simple to complex. The proponents designed and implemented a simple, reliable, secure and affordable system for residential applications with programmable logic controller as the main control element. The designed prototype managed to achieved high reliability in terms of combining different control equipment such as sensors, motors and level switches.

Keywords: Sensor, control, programmable logic controller, automation

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## Study of Regenerative Ranging Systems Using Pseudo Noise Codes

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### Abstract

Ranging information is generated by modulating a known signal onto the uplink, retransmitting it by the spacecraft, and detecting it on the downlink; the time that it takes to complete the cycle gives a measurement of the range. Range measurement is vital for orbit determination in deep space missions. The paper analyzes the different ranging techniques and compare the two major methods of 'two way Ranging systems': Turn around and Regenerative Ranging systems to analyze the Signal to Noise Ratio (SNR) improvement of the received ranging signal. A detailed study of the ranging signals were done to bring out the most apt combination that will improve SNR results. Comparison of the various codes was done to bring out the unique properties of the Pseudo Noise codes and their ease in regeneration that leads to the noiseless replication of the ranging signal. The combined effect of using Pseudo noise codes for regeneration method yields a very high SNR and minimal Noise distorted output signal, in contrast to the turnaround system. Thus the major advantage of 'Regeneration using PN codes' has been verified from the study. The ease of onboard code generation, faster acquisition of the codes and the noiseless regenerated replica of the ranging signal leads to an improvement in the SNR by about 30db.

**Keywords:** Pseudo Noise codes, regenerative ranging, ranging signal, correlation, Signal Noise Ratio.

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## Design and Implementation of Microcontroller-based Automated Book Scanner

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### Abstract

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An image scanner scans content optically by the use of image sensors such as Charge-Couple Device (CCD) or Contact Image Sensor (CIS). Modern scanners utilize Optical Character Recognition (OCR) technology to convert the images into a digital text format, which can be digitally edited, reformatted or sources from a database. Such digitization of books allows the knowledge and information within in to be accessed by a larger number of people and which can be easily reproduced and distributed. Current book scanners require removing the binding and inserting single pages into the scanner. The process damages the book and cannot be applied to books considered as antiques and with major historical values. Although there are state of the art scanners used by big libraries they are often very costly. The proponents managed to design and implement a cost-effective, efficient and automated book scanner that makes use of microcontroller as controlling mechanism. The prototype was able to achieve significant progress in terms of scanning the pages using electro-adhesion technology with enhanced functionalities such as real-time viewing and direct saving to the computer.

Keywords: Scanner, sensor, sontrol, microcontroller, automation

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## Solubility Correlation of $\beta$ -carotene in Supercritical Ethane and Ethylene Using Density-based and Equation of State Models

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### Abstract

$\beta$ -Carotene is one of the most extensively used anti-oxidants as it serves as a precursor to Vitamin A formation, which is widely used in food, beverage and cosmetic industries. The challenge to produce  $\beta$ -carotene in large quantities without damaging its structure is proven to be difficult especially if the method employed is solvent-based extraction. Supercritical fluids have proven to be a better alternative and the use of supercritical solvent other than carbon dioxide like ethane and ethylene was proven to be more productive. An empirical correlation is employed to investigate the solubility of  $\beta$ -carotene in supercritical fluids at different temperatures and pressures. The basis for comparison is the reduced parameters,  $T_r$  and  $r$ . A previously obtained experimental data of solubility is used to model the solubility using both density-based correlation and equation of state. A modeling of the solubility based on the identified operating parameters and substrate was attempted in view of process optimization. It is apparent based on the result that density-based correlation yields a more concrete correlation than equation of state due to the limitation on the predictability of binary interaction parameters at high temperatures and pressures.

Keywords: Supercritical fluid,  $\beta$ -carotene, density, solubility, equation of state

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## Correlation Model in Energy Conservation in Selected Electrical Consumers in the Kingdom of Bahrain

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### Abstract

This paper describes and analyzes the behavior of selected electrical consumers on the energy use, practices and their contexts, and the appropriate efficiency use strategies. The study employed secondary analysis of data from 146 participants. It employed both qualitative and quantitative techniques in analyzing the data, data from related literature" and centrality measures, gauges of dispersion and other related quantitative tools and standardized correlation modeling. The research findings showed that the electrical consumers in the Kingdom of Bahrain already observed electrical energy conservation measures primarily to lessen electrical bill/cut down on expenses. There are to be considered as potentials for more efficient electrical energy utilization practices among electrical consumers based on the proportion of the households which do not yet practice conservation measures, namely scheduling of appliance use, not overheating/overcooling rooms, scheduling home energy audit, selecting energy efficient appliances, scheduling computer games only on weekends, using electric fans only when people are around and using fluorescent lamps instead of incandescent lamps. It was further found out that the electricity utilization-conserving practices in the households "behaved" or manifested a distinguishable trend with respect to family energy consumption, educational qualification of the household heads, and number of children. Future efficient electric energy utilization strategies comprise the continued observance of the now existing measures but to include the proportion of households that does not practice them yet by addressing the detected quantitative behavior between conservation practices and household contexts, and some creative behavioral (human) and technological approaches.

Keywords: Energy conservation, energy practices, correlation model

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## Design and Development of Bahrain Based Weather Monitoring System

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### Abstract

In this study, the proponents successfully designed and developed a weather station that incorporates six important weather meters and sensors. The system collects the data and transmits it through the serial interface to the proponent customized weather station desktop application. The weather station application display and logs the weather sensor readings. These log readings are useful for measuring the various important weather parameters and help in forecasting weather conditions for useful purposes. The system incorporates six important weather sensors: humidity, temperature, wind speed, wind direction, rain gauge and barometric pressure. Humidity is measured and presented in relative percentage. Temperature is measured in Celsius degrees while Wind speed is measured in mile per hour. Wind direction is measured in angle (Minimum-0°, Maximum 360°) where (0° -North, 90°-East, 180°- South and 270° - West) and presented as North, North East, East, South East, South, South West and North West direction indicators. Barometric pressure is measured and presented in Pascal units. The weather station application uses serial USB communication port to interface with the weather station microcontroller. Both microcontroller and weather station application uses 9600 bits/second baud rate to communicate. The weather station application receives process and presents the data in a user understandable manner. The weather station application also logs the data with a current date and times every 500 milliseconds. Proponent project has also proved a great learning opportunity. Various design principles, latest techniques and tools were used to successfully achieve the objective of the study.

**Keywords:** Weather Station, Arudino Uno (Rev3), Micrcontroller,, Rain Gauge, Humidity, Data Logging, Desktop Weather Station Application

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## Security Bus System Based on Digital Video Record

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### Abstract

Millions of closed-circuit television (CCTV) cameras are installed in streets and businesses throughout the world with the stated goal of reducing crime and increasing public safety. This project aim to fix a

security camera to Bahrain school buses by connecting the cameras to the DVR (Digital Video Record) for passenger's safety and to monitor the driver root and the messing around that might be done by the kids leading to reduction internal damages of the bus. The DVR act like a heart of the project because all components will be attached to the DVR and managed by it, as it also recording all the events that might happen in the school bus. Results of the project found that the modular design of the system helped in improving the performance, reliability, flexibility, support and maintenance of the overall system.

Keywords: Security Bus System, Digital Video Record

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## Design and Development of Recycling Process Based on Programmable Logic Controller for Waste Aluminum Cans

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### Abstract

Automation crosses all functions within industry from installation, integration, and maintenance to design, procurement, and management. Automation even reaches into the marketing and sales functions of these industries. Progress in process automation systems is aiming at so called *complete* automation when all the human has to do is to enter the parameters of the product wanted and everything else is carried out by machines. PLC Based Recycling Process for Waste Aluminum Cans plays an important role in the world of automation industry. It acts a major function in the automation field. This design project is aimed to meet the following objectives to design and implement automated Recycling Aluminum, to learn the concept of PLC “Programmable Logic Controller”, with the help of electrical DC motor system, to apply selector conveyor concept to implement hardware installation, wiring and mechanical mounting, to learn troubleshooting and analyzing and to learn PLC programming. The use of automation in manufacturing provides benefits virtually to the whole of industry. However, it posed potential hazards not only to humans but also to the environment if the system is not designed properly. Thus, in designing mechatronics system it is deemed necessary to meet the desired output within realistic constraints such as economics, environmental, social, political, manufacturability, health and safety. Hence, in the design of the PLC Based Recycling Process for Waste Aluminum Cans, primary design considerations were implemented.

**Keywords:** programmable logic controller, automation, recycling process, waste aluminum cans

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### Mathematics Skills in the Workplace of International Companies: A Case Study

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### Abstract

Rapidly growing technological advances are making the need for mathematics skills more critical within the workplace. Mathematics permeates the high performance in workplace at every step from planning and design to production processes and quality control. This is a qualitative research based from intensive case studies of the different international companies within each sector. The study aimed to evaluate the mathematical skills in the workplace of international companies. Specifically it sought to identify the mathematical qualifications demanded by employers; determine the mathematical skills required by employers in the workplaces; produce list of math skills needed in different workplaces; determine the fusion of mathematical skills and workplace contexts. Few mathematics qualifications are explicitly required by the employers. Yet a drift to degree entry was

noted with mathematics as an element of the degree to some extent. The type of sector also influences the type and level of qualifications demanded by the employers. The mathematics skills required demanded depend not simply on the individual jobs that people are doing at a particular time, but also on how organizations deploy staff, and on general labor market trends. In some companies, there is a strong delineation in the skills required for particular positions, whereas in others there is evidence of much crossover. It is highly recommended that Mathematics skills should always be in operation with real data and with an appreciation of what these data mean. It is important that employers, educators and training providers recognize the fundamental fact of a combined appreciation of mathematics and the context and content of the work practice.

Key Words: Workplace Mathematics skills, Workplace Mathematics qualifications

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## Design and Development of Voice Controlled Prosthetic Arm

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### Abstract

An unfortunate accident may cause a person losing his hand/arm; thus in need of prosthetics. Trying to adjust with daily life tasks will be challenging using one hand especially when losing the dominant one. Prosthesis patients have been increasing throughout the years; after surgical procedure (amputation) the patient has to go through the rehabilitation process. In Bahrain we have the Prosthetics and Orthopedic Rehabilitation Center in Salmania Medical Complex (SMC). In the Center, the therapist has to determine which type of prosthetic is suitable for the patient based on the injury/condition. Not being able to function and perform the daily tasks is very crucial and affects the persons' self-esteem and psychology. Plus most patients especially in Bahrain cannot afford the prosthetics needed and end up having the plastic ones which can lead to infections and might be just cosmetic without functionalities. Furthermore if the patient meets the criteria for a bionic prosthetic he/she will have to wait until it has been being ordered and delivered; then go through the training experience to see if he/she will adjust to the new body part, in some cases, they do not. Therefore, this project is mainly emphasized on having a non-expensive prosthetic arm that allows the patients to give simple vocal commands that will aid them in performing the basic daily life tasks. It is based on using servo motors to move the fingers by linking them to the microcontroller and programming each motor to move a single finger. As for the vocal part, the EasyVR Shield is attached to the Arduino microcontroller in order to receive the command and send it to the Arduino. Programming the EasyVR with a simple word command such as "Grip, pinch, thumbs up etc."; when the command is given; the corresponding finger should move in order to create the desired motion.

Keywords: Voice controlled, prosthetic arm, microcontroller, voice recognition shield

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## Water Desalination Process: Mechanism towards Reduction of Fresh Water and Groundwater Shortages

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### Abstract

This article is to discuss the shortage of fresh water and groundwater. As we all know, there is a shortage of fresh water all over the world, and there is a big challenge in the near future to overcome this problem. Also, the ground water of some parts of the world is not enough. This problem faces many countries, especially, tropical and off-shore areas. Therefore, desalination process is one of the important solutions for water shortage. The process of desalination has the attention long time ago,

especially, countries which are located beside seas and oceans. There is a relation between water usage and development. Modern and developed countries, such as North America and Europe have the highest usage of water per capita. Africa is the lowest developed continent has the lowest water usage per capita. Also, population can have effect on water usage. As known, the data about factors are collected from desalination plants and statistical analysis is applied. Public awareness should be increased about the importance of water. Modern technology should be applied to save water.

Keywords: Desalination, Water shortage, Fresh water, Water use, Modern technology

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## Intelligent Water Leakage Detector Using Global System for Mobile Communications Based Moisture Detection System

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### Abstract

In this project the proponents successfully designed and developed “Intelligent water leakage Detection system”. The prototype demonstrated the leakage detection and water pump automation. It alerts the owner when it detects the moisture and switch OFF the water motor. The water pump is kept locked until the owner sends a message to release the motor. The main components of the prototype are the Arduino, GSM module and moisture sensors. The Arduino is the controller of the whole system and manage the input and output data. It also responsible for the power distribution to the devices attached to it, like moisture sensors and relays. Furthermore it continuously read the input from the moisture sensors and if it detects any it sends a message to the owner. It also read the status of the water level at the tank continuously, if it is empty the owner is informed and motor is turned ON. When it is full the motor is turned OFF and the owner is informed via SMS. The prototype is demonstrated using few codes that are to be sent in SMS to the system in order to control it. Code “S” is used to stop the motor, code “R” is used to restart the motor while code “C” is used to recheck the system.

**Keywords:** GSM-based, Arudino Uno (Rev3), Micrcontroller,, Moisture Sensor Detector, Intelligent Water Leakage Detector

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### Chemistry Links to Industry and Making Artificial Food Flavors

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#### Abstract

The object of this study is to discuss about the importance of chemistry in industry, such as artificial flavors and to raise awareness of its dangers effect. Also, this study will also focus on the making of such artificial flavors and its origins. When artificial flavors are used in products, we as human beings try avoiding it, but with the current state of technology there is no distinguishing between artificial and real flavors. Companies try going through loopholes when using the term "natural flavor" as because it is used very loosely and can still mean that the product has gone through hundreds of chemicals. Esters give flowers and fruits their pleasant fragrances and flavors. Carboxylic acid and alcohol reacts in the presence of an acid catalyst to produce an ester. Pears odor/flavor has been made in the laboratory. The odor/flavor was achieved after running the experiments for few days in the laboratory by students.

Keywords: Food Industry, Artificial Flavors, Alcohols, Carboxylic acid, Ester Formation

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### Empirical Analysis of Polynomial Regression- Least Square Fittings of Bahrain Sea Tides in Relation to the Phases of the Moon

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#### Abstract

Quantitative research study employed in this study for the systematic empirical investigation of polynomial model and curve fitting to model tide situations particularly in Mina Salman, Bahrain. Furthermore, correlational research design was used in the evaluation the correlation coefficient values R of sea tide in relation to the Phases of the moon. The result, revealed that, the fourth degree polynomial with goodness of fit are the polynomial least squares that fits the high tide sea level during the different phases of the moon. Overall the model seems a good fit as the R squared indicates for first quarter, full moon, last quarter and new moon. The coefficients of the fourth order terms are statistically significant during the full moon and last quarter of the moon. Researchers should be

cautious in the use of high order polynomials ( $n > 4$ ) cause it may lead to over-fitting.

Keywords: polynomial regression-least square fittings, sea tides, phases of moon

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## Design and Development of Bahrain Based Weather Monitoring System

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\* Yusuf Abdulaziz Abdullah, \*\* Beda Torre Aleta

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### Abstract

In this study, the proponents successfully designed and developed a weather station that incorporates six important weather meters and sensors. The system collects the data and transmits it through the serial interface to the proponent customized weather station desktop application. The weather station application display and logs the weather sensor readings. These log readings are useful for measuring the various important weather parameters and help in forecasting weather conditions for useful purposes. The system incorporates six important weather sensors: humidity, temperature, wind speed, wind direction, rain gauge and barometric pressure. Humidity is measured and presented in relative percentage. Temperature is measured in Celsius degrees while Wind speed is measured in mile per hour. Wind direction is measured in angle (Minimum-0°, Maximum 360°) where (0° -North, 90°-East, 180°- South and 270° - West) and presented as North, North East, East, South East, South, South West and North West direction indicators. Barometric pressure is measured and presented in Pascal units. The weather station application uses serial USB communication port to interface with the weather station microcontroller. Both microcontroller and weather station application uses 9600 bits/second baud rate to communicate. The weather station application receives process and presents the data in a user understandable manner. The weather station application also logs the data with a current date and times every 500 milliseconds. Proponent project has also proved a great learning opportunity. Various design principles, latest techniques and tools were used to successfully achieve the objective of the study.

**Keywords:** Weather Station, Arudino Uno (Rev3), Micrcontroller,, Rain Gauge, Humidity, Data Logging, Desktop Weather Station Application

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## A Mobile App for Hajj and Omra (Umrah) Guidance and Reservation

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### Abstract

Hajj and Umrah are religious events participated to by millions of Muslims around the world. Several activities are performed in observance of these events which include reservations, rituals prayers and other activities related to the religious occasion. The purpose of this study is to develop an application that will cater to the needs of both pilgrims and convoys. Most often than not, pilgrims go in groups and are serviced by convoys/caravans. The mobile app provides options and menus that will assist the users with regard to trip information, preparation, guidance, rituals, convoy and user information, location and other functionalities. The app was designed and developed using HTML, XML, Objective-c, Xcode, SDK7 and Photoshop and was made compatible with Apple smartphones. The initial version of the app was implemented by Bu Faisal Convoy, a family-owned business which provides services to Hajj and Umrah expeditions. Any other smartphone can install this app with the necessary permissions from the developers.

**Keywords:** *pilgrims, convoy, caravan, mobile app, expedition.*

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# Modeling and Simulation of Fault Detection in Three Phase Alternating Current Circuits by Virtual Instruments

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## Abstract

Nowadays, technology has advanced and its incorporation is playing such a significant role in human life that the order of the electricity power for the household, commercial and industrial loads is getting enhanced

Also, managing the electricity power distribution system is getting more complex. Thus, examining such kind of faults is an imperative and complicated charge in power system. For accurate detection and study of these faults, there is a requirement of model that detects faults and its distance in transmission line. At present the field of science, engineering and technology is so dynamic due to recent improvement in computer and other technologies. The advances in computer field developed such programs to solve our traditional and novel problems of practical life. We can solve our complex problems within a few minutes due to high computational abilities, accuracy of computer based programs. For electrical people there are many software programs are currently used in academia to design and analyze different kinds of electrical circuits and models. The main objectives of this report is to design three phase power system models using the VI modules available, and detect the types of fault like 3-phase (L-L-L), 3-phase to ground (L-L-L-G), Line to Ground(L-G), Line to line(L-L), Line to Line to Ground(L-LG) in power system. Initially the simulation work is done by using a software based programs named Multisim, which is an electronic Schematic Capture and simulation program. After completion of the simulation task the real time three phase hardware circuit interfaces with the LabVIEW model to detect the real time faults in power system.

As far as virtual instruments and hardware interfacing is concerned symmetrical current components is sensed. The hardware model provided the faulty three phase supply for different kinds of fault using three switches. The tool kit USB 6009 used to interface the hardware with LabVIEW. Now the faulty current is acquired by the DAQ assistant virtual instrument block and the model designed in LabVIEW calculate the symmetrical components. The range of each symmetrical component varied for each type of fault. That range provides either high or low output, which has been used to discriminate the faults from each other. The statistical model precisely details the performance of such unusual faults and position in suitable mode, and prevents power system from faulty energy. The faults which occur in transmission lines can cause interruptions of power supplied. We can develop an outline in this concern to have an in built intelligence to sense the incidence of error in the transmission line. So, to make sure a secured operation of distribution and decrease the losses occurred by accidents, a far-off monitoring and controlling system is developed. Classification and auto retrieve from the fault in Power Transmission Lines based on MATLAB with Arduino which helps in greatly reducing the human effort, minimizes times and works safely and proficiently without the interference of human being.

**Keywords:** *fault detection, virtual simulation, power distribution system. Software based-programs*

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## Antimicrobial Susceptibility of Papaya (*Carica papaya*) Soap in Inhibiting the Growth of *Staphylococcus Aureus*

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### Abstract

Soaps are available in liquid and in bar form purposely use to rinse and sooth the skin to remain healthy and clean with varying methods of preparation like decontamination, disinfection, sterilization, refinement and sanitization, and more terms that explain methods of clean-up as cleaning agents. Since papaya soaps had been known to lighten the skin, that leads the researcher an initiative to investigate papaya soap if contain antimicrobial properties much more so that the consumers should not only be interested on its whitening effects but much more so on its property to compliment the skin from some disease causing microorganism be considered. This study aimed to evaluate the susceptibility of papaya soap to inhibit the growth of *Staphylococcus aureus* and compare with the other known brands of germ shield soaps in the market. Soap samples were bought from drug stores while the experiment on microbial preparation and test was done in the Chemistry laboratory of AMA International University- Bahrain. The microbial procedure adopted the spreading plate technique method to check if there was decreasing number of microbial colonies formed when compared with the normal Colony Forming Unit (CFU) ranging from 30-300 as the standard. Result reveals that papaya soap formed a colony count mean of 273.8 while Germ shield soap 1 forming a mean colonies of 257.4, against 142.8 colonies for germ shield soap 2 while Germ shield soap 3 formed 57 mean colonies. Lastly, germ shield soap 4 formed a total mean colonies of 57. This indicates that all the soap samples used can inhibit the growth of *Staphylococcus aureus*. Statistical treatment was used specifically T-test (two tailed) to determine if the antimicrobial property of papaya soap is comparable with the other germ shield soaps used. Result of the comparison reveals that there is a significant difference at 0.05 level when papaya soap was compared with Germ shield saop 1, 2, 3 and 4 as seen in table 2. This means that papaya soap has an antimicrobial susceptibility comparable with the four other germ shield soaps used. Further, Pearson test for paired correlation was again used to compare linear association and found to be highly positive in correlation and statistically significant at 0.05 level. Hence, there is sufficient evidence that papaya soap contain antimicrobial susceptibility in inhibiting *Staphylococcus aureus* and the same was observed with other four germ shield soaps used. It is conclusive that papaya soap is comparable with the four other germ shield soap used.

**Key Words:** Microbial susceptibility, inhibiting property, microbial count, *Staphylococcus aureus*, colony forming unit, alkalinity and spreading technique

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**E-Nurse with Zigbee-Based Communication**  
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### Abstract

The basic variables in determining one's health condition are the person's body temperature, their pulse or heartbeat, and their blood pressure. These quantities can be measured in separate devices that can end up being costly considering the prices of good quality equipment are mostly pricey and the low-quality kind can be quite inaccurate – they would still be a little expensive, thus, they are inefficient. In this project we call “E-Nurse with Zigbee-based Communication”, the prototype will exhibit qualities such as – measuring vital signs in a single unit and with a touch of a button, providing and delivering the patient's medicinal needs, accessing instructional guides towards delivering first aid to his/her or others' injuries, and informing the patient of what medicine they need to take in a specific time via an alert system – to name a few. The vital sign sensors (temperature, etc.) will communicate with the microcontroller to analyze if the measured values are either abnormally high or low, exceeding the normal range. If this happens, the microcontroller will provide an alert via SMS to any concerned person in the patient's profile. And if the doctor proclaims it is a sickness that needs any medication, he/she will be able to provide the best healthcare service possible for the patient that requires it.

**Keywords:** electronic nurse, Zigbee, microcontroller, blood pressure sensor, temperature sensor, pulse sensor, C programming, Nexmo, SMS

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# Electricity and Water Authority Services in the Kingdom of Bahrain: A Practical Learning Approach in University Physics

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## Abstract

Nation-wide electricity and water-use consumption are among the responsibilities, concerns and business of the Electricity and Water Authority in the Kingdom of Bahrain. Electric power consumption measures the production of power plants and combined heat and power plants less transmission, distribution, and transformation losses and own use by heat and power plants. The latest recorded value of a huge amount in kilowatthour (kwh) energy consumption in 2015 historical data are related indicators for electric power consumption in the Kingdom of Bahrain. The implementation of electric and water transmission projects and services include water pumping stations for pumping desalinated water from water production plants to blending water stations, also blending water stations for mixing desalinated water with groundwater. In addition, implementation of pipeline projects in connecting these stations with each other, and storage facilities like water storage tanks, and water elevated towers. Electricity and Water Authority is facing many challenges due to the steady increase in demand for electricity and water service as a result of renaissance and rapid economic development in the areas of industrial, commercial and infrastructure investments. All these basic services are very important requirements to these new infrastructure developments of Electricity and Water Authority that has great responsibility to ensure timely delivery of the electric and water transmission project and services as it is directly linked to the development of national economy. The current status of EWA services by both managerial and technical groups agree with a grand mean ( $X = 3.60$ ) and ( $X = 3.64$ ) respectively, revealed an overall agreement of ( $X = 3.62$ )

**Keywords:** Electricity and Water Authority, University Physics 2, Electric Power Transmission Services, Energy Consumption (kwh)

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## Changes in Climate and its Impact on Food Security in the Middle East

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### Abstract

An investigation into the issue of food security in relation to the impacts due to climate change is investigated in this research. The climate of the Kingdom of Bahrain is reviewed in light of changes in climate patterns and trends in parameters such as rainfall and temperature occurring in the first decade of the 21<sup>st</sup> century. The long term climatological data is analysed to highlight changes in climate trends and identify potential impacts due to climate changes during this century. The results are related to the climatological long-term patterns of Bahrain's weather. Possible solutions and strategies as implemented in the United Arab Emirates (UAE), are highlighted. The most significant factor that threatens food security in the Gulf region is not the threat of impacts from climate change but rather the extreme water scarcity issues as encountered in the Kingdom of Bahrain.

Keywords: climate change, impact, food security, climate factors, water scarcity

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## Surveillance System Utilizing The Concept of IoT (Internet of Things)

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### Abstract

This project successfully designed and developed a surveillance system based on PIR motion detection sensors and the IoT concept. The system is designed based on microcontroller architecture. Four PIR sensors are deployed at four different gate locations. LED indicators are integrated for each sensor and the LEDs blink when it detects the presence of a heat radiating body. An alarm automatically rings in case of the detection of any heat radiating body. When the IoT chipset detects any intruder, it sends the message using a Twitter App to the user account. In this manner, the user gets an automatic alarm and takes any necessary action. The sound beeper is also placed to beep the sound to alert the indoor occupants. The proponent applied various design principles such as electrical, electronic and computer programming acquired during the university education. This project gave a huge opportunity to the proponent to apply his knowledge and skills. The proponent learned many new concepts such as programming microcontroller, various sensors and components integration, testing individual components, debugging the components using multi-meter, designing and prototyping PCB, etc.

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## Sinusoidal Model of Sea Tides in Mina Salman Bahrain

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### Abstract

This is a descriptive-evaluative research design aimed to evaluate the graph of sine and cosine functions to model the tide situations in Mina Salman, Bahrain from January 1-31 to December 1-31, 2016. Further, it aimed to determine the change in the height using the amplitude; find the time between high tides with the period of the function; find the significant relationship between the height of sea tides and the time when the tide occurs and the significant difference of the height sea tides from January to December 2016. Sinusoidal model of sea tides were calculated using the graph of cosines. Results showed that the correlation coefficient of  $r = 0.461$  indicates that there is a moderate positive linear relationship between the height of sea tides and the time when the tide occurs and found to be statistically highly significant at 0.01 level of significance. The test of significance conducted and which compared the difference of the height of sea tides from January 2016 to December 2016, results of the One-way Analysis of Variance (ANOVA) show that no significant difference is observed.

Keywords: sinusoidal, sea tides, sine function, cosine function

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## Automated Garbage Bin Collection System

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### Abstract

In this study, the proponents had successfully designed and developed an automatic garbage bin collection system that utilizes six servo motors and an ultrasonic sensor, which in the presence of the garbage bin, triggers the microcontroller to take appropriate action to achieve the desired result of an efficient and full operational garbage collection process. After the successful implementation of the proposed system, the proponents have come to the conclusion that the garbage collection process can be automated using the latest technologies and trends. With the proposed system, direct human interaction with the garbage bin will be removed. Therefore, the minimization of human interaction with the implementation of a similar design of the automated system to the garbage collection process and/or other various industrial or domestic processes will greatly enhance the worker's health and

safety as the risks of injuries and diseases can be controlled or even eliminated.

**Keywords:** Automation, Garbage Collection, Arduino Integrated Development environment, C/C++ programming, microcontroller, servo motors, ultrasonic sensors

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## Coset Groups Generated by the Fridrich's Last Layer Permutation Algorithms in Solving the 3x3 Rubik's Cube

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### Abstract

The study explored on groups of different orders that can be generated by the Fridrich's Last Layer Permutation Algorithms in solving the 3x3 Rubik's Cube. The review of related literature established the possibility that groups are indeed generated by the different algorithms found in the 3x3 Rubik's Cube. In fact, the given problem in the study is just one of the many possible situations of moving the cube where groups can be generated. The algorithms using the popular Singmaster Notation together with the permutation representation used in Group theory was used to represent the 18 algorithms used in the study. The results of the study yielded the following: 13 groups of order 2, 2 groups of order 3, and one each from groups of order 4 and order 6. The search for groups of order 9 and 18 proved futile as contradictions came up upon construction of such groups. Nevertheless, the number of groups that were generated provided valuable insights to the limitations set by the physical model. Worthy of note is the limitation set by the standard practice of solving the last layer without reference to the first two layers giving rise to treating the algorithms as cosets of groups' rather individual groups. In the light of the findings, it is recommended that such practice of generating groups from the popular cube be used as exercises for an Abstract Algebra Class.

**Keywords:** Groups, Cosets, Permutations, Algorithms, Rubik's, Fridrich's Method.

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## Design and Development of Pressurized Fire Sprinkler System

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### Abstract

In this study, the proponents successfully designed and developed a fire sprinkler system that can extinguish the fire using pressurized system in addition to 70-100 psi pump. The system is active fire protection method, consisting of a water supply system, providing adequate pressure and flow rate to a water distribution piping system, into which fire sprinklers are connected. The system has independent fire detector which will give instruction to the system to start extinguishing by opening the solenoid valve. Although historically used in factories and large commercial buildings, systems for

homes and small buildings are now available at a cost- effective price. Fire sprinkler systems are extensively used worldwide, with over 40 million sprinkler heads fitted each year. In buildings completely protected by fire sprinkler systems, over 96% of fires were controlled by fire sprinklers alone.

Keywords: Building Design, Workshop Design, Pressurized System, Fire Sprinkler System, Heat Detector System, Fire Fighting.

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