


<b>Name</b>	Manal Al Faraj 	
<b>Position</b>	<i>Head of Computer Science and Information Systems Department at AlMaarefa University since Nov. 2020</i>	
<b>Academic career</b>	August 2008–December 2009	Master in Information Technology, School of Information and Communication Technology, Griffith University, Brisbane, Australia
	February 2008– July2008	Postgraduate Certificate in Information Technology, School of Information and Communication Technology, Griffith University, Brisbane, Australia
<b>Employment</b>	<ul style="list-style-type: none"> <li>• Head of Computer Science and Information Systems Department at AlMaarefa University since Novmber 2020</li> <li>• Deputy Head of Computer Science and Information Systems Department at AlMaarefa University since February 2011 - October 2020</li> <li>• Lecturer at AlMaarefa College for Science and Technology since February 2011</li> </ul>	
<b>Research and development projects over the last 5 years</b>	<b>Projects</b> I am supervising a Graduation Projects for my Graduated Students. <ol style="list-style-type: none"> <li>1. Eqeran System, providing pre- marital information (Criminal back ground, health status, previous marriages...etc.) and turning traditional paper work( as booking notary, pre marriage medical test, marriage certificate extraction) to an electronic system, 2018.</li> <li>2. Vaccination mobile application, A mobile application to help parents register, plan and track children vaccination processes, 2018.</li> <li>3. eHealth mobile application, A mobile application for health clubs to facilitate members enrolment and monitoring operations, 2017.</li> <li>4. Online charity system, An online database system organizing charity work across Saudi Arabia, 2017.</li> <li>5. Pharmacy Web enabled inventory system, Online database system for pharmacy inventory operations linked to the MOH, 2016.</li> <li>6. Mobile Based Systems for Wadhaa Medical, A mobile Application for helping disabled patient to buy from Wadhaa medical establish, 2016.</li> <li>7. Naqa Central Database system, A database system for Naqa (a charitable organization for smoking cessation), 2015.</li> <li>8. Unified Medical Record, a system to unify patient medical records a cross government and private hospitals using patient magnetic ID cards, 2015.</li> <li>9. Government Real estate system, an online database system for information and processes related to real estate in Saudi Arabia, 2014.</li> </ol>	

	<p>10. King mobile Application, provides users with the nearest available parking spots to their destination using phone connected sensors, 2014.</p> <p>11. Unifying Medical File System (UMFS), Linking a Patient Medical Records to Their Finger Print, Scanning the Patient Finger Print will Allow Access to Their Unified Medical Record That is Connected to The MOH , 2013.</p> <p>12. Mobile payment system (MPS), Using mobile credit to pay for products by scanning their code bar using mobile phone camera, 2013.</p>
<b>Industry collaborations over the last 5 years</b>	N/A
<b>Patents and proprietary rights</b>	N/A
<b>Important publications over the last 5 years</b>	<p><b>Publications</b></p> <ol style="list-style-type: none"> <li><b>AlFaraj, M.</b>, AlMadi, G., AlHaqbani, S., and AlAbdolwahab, B. Unified Medical Report, Poster session. presented at 1st International Saudi Health Informatics Conference (ISHIC), Emerging Trends and technologies in Health Care, King Fahad Medical City (KFMC), 12-14 April 2016, Saudi Arabia-Riyadh.</li> <li>Hani Alzaid, <b>Manal Alfaraj</b>, Sebastian Reis, Audun Jøsang, Muneera Albabtain, and Alhanof Abuhaimeed. Reputation-based Trust Systems for Wireless Sensor Networks: A Comprehensive Review. In Proceedings of the 7 th International Conference on Trust Management, IFIPTM'13, Malaga, Spain, 03-07 June 2013.</li> <li>Hani Alzaid, and <b>Manal Alfaraj</b>. MASA: End-to-End Data Security in Sensor Networks Using a Mix of Asymmetric and Symmetric Approaches. In Proceedings of the 2 nd International Conference on New Technologies, Mobility, and Security Conference, NTMS'08, Tangier, Morocco, 05-07 November 2008, pages 1-5, IEEE Computer Society, 2008.</li> </ol>
<b>Activities in specialist bodies over the last 5 years</b>	<p><b>Workshops</b></p> <ol style="list-style-type: none"> <li>Assessment of Learning Outcomes, Education Evaluation Commission National Center for Academic Accreditation and Evaluation(NCAAA), Saudi Arabia, Riyadh, Jan 31 - Feb1, 2018.</li> <li>Scientific Research Day Program, Almaarefa Colleges for Science and Technology, Saudi Arabia, Riyadh, Jun 1, 2016.</li> <li>Research and Publication Best Practices in Health Sciences, Almaarefa Colleges for Science and Technology, Saudi Arabia, Riyadh, Nov 30, 2016. [4] Brain Storming for The Strategic Plan for Almaarefa Colleges for 2016 - 2026, Saudi Arabia, Riyadh, Sep 15, 2015.</li> <li>Third International Conference On Quality Assurance In Postsecondary Education held in Damam, Saudi Arabia, April 27 - 29, 2013.</li> <li>IFIPTM'13, The seventh International Conference On Trust Management held in Malaga.Spain, June 3 - 5, 2013.</li> <li>Outcome Based Learning" Workshop Organised By the Quality Department at Almaarefa College, June 11, 2012.</li> <li>Student Counselling" Workshop Organised By the Quality Department at Almaarefa College, June 11, 2012.</li> <li>Outcome Student Learning and Assessment, Workshop Organised By the Quality Department at Almaarefa College, June 11, 2012.</li> <li>International Saudi Conference for Information Technology at King Abdul Aziz for science and Technology, Saudi Arabia - Riyadh, Sep 20-21, 2011.</li> <li>The Fifth International Conference on Intelligent Sensors, Sensor Networks and Information Processing ISSNIP 2009.</li> </ol>