



Mustafa Moosa Qasim

(Doctor of Philosophy)

School of Computing, College of Arts and Sciences, Universiti Utara
Malaysia, Kedah, Malaysia.

Telephone: 0060 146674603

Email: mustafa_mq87@yahoo.com

Address: Inasis Maybank UUM, Block J2, Room 105
Universiti Utara Malaysia
06010 UUM Sintok, Kedah Darulaman

Personal Background

As always a journey no matter how long or difficult begins with the first step. It started in 2010 with my Bachelor degree in Computer Sciences at the University of Shatt al Arab, Iraq. Then, I continued with a Master degree in Information Technology at the Universiti Utara Malaysia, in 2014. After that, I had a golden opportunity to pursue my study at UUM, when I was offered the UUM scholarship to be a PhD candidate. In 2018 I have accomplished my study and obtained the PhD degree in IT. My research focus is in the field of Software Engineering, specializing in software architecture. I find myself consistently tend to the theories that investigate the behavior, persuasion, motivation, and education, within the construct of mobile architecture and mobile applications design. I am very interested to change the way we interact with it and programming is a good way to accomplish it. I think that the technology will not stop evolving; every progress only creates the wisdom and imagination of computer scientists and engineers. Here I reveal my goals behind my research, first, to be part of these developments. Second, to help realize future technology, not just use it.

Education

- PhD Information Technology, Universiti Utara Malaysia 2014-2018
- MSc Information Technology, Universiti Utara Malaysia 2012-2014
- BSc Computer Science, Shatt Arab University 2006-2010

Language

- Arabic
- English

Awards and Recognition

- International Invention, Innovation and Technology Exhibition 2014 (ITEX'14) – Gold Medal, 2016 Kuala Lumpur, Malaysia.
- Seoul International Invention Fair (SIIF 2014) – 1 Bronze, Korea.
- International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA 2015) – 1 Bronze, Ministry of Higher Education, Malaysia.
- Three minutes thesis, UUM 2016 – Second place.

Intellectual Property (copyrights)

- BMI Percentile Monitor
- A Mobile Healthcare Architecture for Monitoring Children's Obesity Using Persuasive Technology.
- Persuasive mobile child's obesity monitor app.

Skills

Software Development Language

- Visual Basic (Intermediate)
- Java (Advanced)
- C++ (Intermediate)
- XML (Intermediate)
- MATLAB (Intermediate)

Databases

- SQL Server (Intermediate)
- MySQL (Intermediate)

Research Experience

- **Research Assistant (Universiti Utara Malaysia)** 2014 – 2017
FRGS Grant (S/O: 13047) Entitled “A Mobile Healthcare Architecture for Monitoring Children's Obesity Using Persuasive Technology”.
- **Lecturer (Shatt Al-Arab University College)** Six Months

Professional Memberships

- Institute of Electrical and Electronic Engineers (IEEE) (Member 2014-2021)
- Elsevier Researcher Academy (Member 2018-Present)

- American Journal of Software Engineering and Applications (AJSEA) (Review Member 2019-2021)
- Journal Recent Patents on Computer Science (Bentham Ambassador 2019-2020)
- Walailak Journal of Science and Technology (WJST) (Review Member)

Research Interests

- Software Engineering
- Object-Oriented Development
- Usability
- User Experience Design
- Mobile Development
- Persuasive Design
- Open Source Software
- Games Design
- Interface Design
- Human-Computer Interaction
- Virtual Reality
- Augmented Reality

Workshop / Course / Training

How to Write A Peer Review Elsevier (Online Training)	2018
How to Prepare your Manuscript Elsevier (Online Training)	2018
How to Turn your Thesis into an Article Elsevier (Online Training)	2018
How to Publish Systematic Review Paper, Review paper and Survey Paper Universiti Putra Malaysia	2017
How to Publish and handle problems of publishing University of Malaya	2017
Workshop on Sampling Design Universiti Utara Malaysia	2016
Introduction to data analysis: parametric and non-parametric Universiti Utara Malaysia	2016
Workshop on Literature Review Universiti Utara Malaysia	2015
High Impact Article Writing Universiti Utara Malaysia	2013

Publications

- [1] Qasim, M. M., Zulkifli, A. N., Ahmad, M., Omar, M., Bakar, A., & Aida, J. (2015). Parents' perception towards the adoption of mobile application for monitoring their children's obesity status. *ARPN Journal of Engineering and Applied Sciences*, 10(3), 977-985. (SCOPUS)
- [2] Qasim, M. M., Zulkifli, A. N., Ahmad, M., Omar, M., & Bakar, J. A. A. (2016). Educating parents in dealing with childhood obesity through the use of the BMI monitor app. *Man in India*, 96(1-2), 367-376. (SCOPUS)
- [3] Qasim, M. M., Ahmad, M., & Omar, M. (2016). Conceptual persuasive mobile healthcare architecture for monitoring children's obesity status among parents. *Advanced Science Letters*, 22(5-6), 1291-1294. (SCOPUS & ISI)
- [4] Qasim, M. M., Ahmad, M., Omar, M., Zulkifli, A. N., & Bakar, J. A. A. (2017, October). A Systematic Process for Persuasive Mobile Healthcare Applications. In *AIP Conference Proceedings* (Vol. 1891, No. 1, p. 020115). AIP Publishing. (SCOPUS & ISI)
- [5] Qasim, M.M., Ahmad, M., & Omar, M. (2017). Analysing Persuasive Mobile Healthcare Systems during the Architectural Analysis Stage Using a Systematic Process Design. *Journal of Telecommunication, Electronic and Computer Engineering (JTEC)*, 9(2-11), 77-84. (SCOPUS)
- [6] Qasim, M.M., Ahmad, M., & Omar, M. (2017). Persuasive Strategies in Mobile Healthcare: A Systematic Literature Review. *Journal of Engineering and Applied Sciences*, 12(9):8706-8713. (SCOPUS)
- [7] Qasim, M.M., Ahmad, M., Omar, M., Zulkifli, A.N., & Abu Bakar, J.A. (2018). Persuasive Technology and Mobile Healthcare: A Critical Review. *Journal of Advanced Research in Dynamical and Control Systems*. 10 (10), 1501-1513. (SCOPUS)
- [8] Qasim, M. M., Ahmad, M., Omar, M., Zulkifli, A. N., & Bakar, J. A. A. (2018). A Process for Developing an Instrument to Measure the Persuasion Perspectives of Parents Using PMCOM App. In *AIP Conference Proceedings* (Vol. 1891, No. 1, p. 020115). (SCOPUS & ISI)
- [9] Zulkifli, A. N., Yussop, Md. Y., Brik, M.A.W., Lin, M. L., & Qasim, M. M (2018). The Hazards of Smoking Mobile App. *Journal of Advanced Research in Dynamical and Control Systems*, 10 (10), 1373-1378. (SCOPUS)
- [10] Zulkifli, A. N., Yussop, Md. Y., Brik, M.A.W., Lin, M. L., & Qasim, M. M (2018). Design and Development of M-Faraid: An Islamic Inheritance Mobile App. *Journal of Advanced Research in Dynamical and Control Systems*, 10 (10), 1569-1575. (SCOPUS)
- [11] Qasim, M. M., Khalaf, H. S., Abdulkareem, A. R., Yussop Y, M. (2018). Design and Development of an Interactive Persuasive Mathematics Game for Primary School Children. *International Journal of Engineering and Technology (UAE)* 7 (4), 272-276. (SCOPUS)

For More Detail

SCOPUS ID, ORCID, Google Scholar, Researchgate, Academia, Research ID