

ALA AL-JANABI (PhD)
Ahmad Bin Mohammed Military College, Qatar

Tel. No. 44619285

alaaljanabi@abmmc.edu.qa

Date of Birth	08 - 07 - 1955	Nationality	British
Marital Status	Married	Academic Title	Assistant Professor

Qualifications

1995	PhD in Software Quality Engineering and Management. University of Birmingham. UK
1988	MSc Computer Science (IT). University of Birmingham. UK
1976	B.Sc. Statistics, University of Baghdad, Iraq

Software Engineering Skills:

Technical: Database Management System Skills using SQL Server and ORACLE, MS Access, Visual Basic, ADO, ActiveX, Crystal Report, True DBGrid pro, NetObjects Fusion, Pegasus Capital Gold, Project Analyser for Visual Basic, SPSS Statistical Package.

Subjects on MSc: Data Analysis for Database Design, Artificial Intelligent and Expert System, Computer Architect and Operating System, Communication Systems and Computer Network, Software Engineering and Project Management, Systems Methodologies, Programming and Final Project (Database for Construction Company Using ORACLE RDBMS).

PhD Thesis “An Application of Software Design Metrics to Assess Quality”
The main objectives are to investigate different types of software design metrics, which would be useful in measuring the overall quality of software design. The development of a predictive model for code complexity, using metrics to locate problem areas at the design stage. The final objective is to guide the software designer by applying design metrics as a form of quality control using different statistical techniques to monitor project development during the design stage.

Publications:

Al-Janabi A. and Aspinwall E, "An Evaluation of Software Design Using the Demeter tool". Software Engineering Journal, Vol. 8 No. 6 1993.

Al-Janabi A. and Aspinwall E, "Using Quality Design Metrics to Monitor Software Development" Quality World, Technical Supplement, March, 1996.

Hanan I. Elnaggar and Ala Al-Janabi, "Change & Training Management for Restructuring Borders & Residency Services (BRSS): A Case of E-Government in Jordan)" Twenty-Sixth International Congress of Administration Science, Soul (South Korea) IAS International Institutes of Administrative Sciences 14-18 July, 2004.

Amer K. and Ala Al-Janabi "Management Information Systems" Book Dar-Almassira, Amman, Jordan, (2005-2019).

Al-Janabi, Ala "Current Practices and Actual Barriers of Adopting Internet Banking: A Survey Study", Journal of Ahmed Bin Mohammed Military College (JAMMC) Volume 2, Number 1, March 2016.

Al-Janabi, Ala "Students 'Perceptions of Internet Banking: A Survey Study in Qatar", Journal of Ahmed Bin Mohammed Military College (JAMMC) Volume 3, Number 1, September 2017.

Alhendawi, K. M., & Al-Janabi, A. A. (2018). An Intelligent Expert System for Management Information System Failure Diagnosis. Proceedings of the First International Conference on Intelligent Computing and Optimization (ICO 2018) (pp. 257-266). Springer.

Alhendawi, K. M., & Al-Janabi, A. A. Jehad B. (2019). Predicting the Quality of MIS Characteristics & End-Users' Perceptions Using Artificial Intelligence Tools: Expert Systems & Neural Network. Proceedings of the 2nd International Conference on Intelligent Computing and Optimization (ICO 2019) (pp. 18-30). Springer.

Galal M. Abdella, Khalifa N. Al-Khalifa, Abdel Magid S. Hamouda, Ala Abdul Kadir Al-Janabi, Monitoring of Simple Linear Quality Profiles Using dEWMA Statistic under Uncertainty of Process Deviations, Proceedings of the International Conference on Industrial Engineering and Operations Management Pilsen, Czech Republic, July 23-26, 2019

Ala Aldeen Al-Janabi¹, Kamal M. Alhendawi AbdulRahman A. Alsewari, An Intelligent Neural Model for Assessing Web Systems Performance, International Journal of Advanced Trends in Computer Science and Engineering, Volume 9, No. 2, March – April 2020

Ala Aldeen Al-Janabi¹, Predicting Internet Banking Effectiveness using Artificial Intelligent Model, International Journal of Advanced Computer Science and Applications, Volume 12, No. 3, 2021

A Kidney Algorithm with Elitism for Combinatorial Testing problem Ameen A. Bahomaid Faculty of Computing, Universiti Malaysia Pahang Pahang, Malaysia ameenalib@gmail.com Kamal M. Alhendawi Faculty of Management, Israa University, Gaza, Palestine Hindawi.Kamal@yahoo.com AbdulRahman A. Alsewari Faculty of Computing, Universiti Malaysia Pahang Pahang, Malaysia alsewari@ieee.org Ala Aldeen Al-Janabi Military College, Qatar alaajanabi@abmmc.edu.qa Kamal Z. Zamli Faculty of Computing, Universiti Malaysia Pahang Pahang, Malaysia kamalz@ump.edu.my(ICAL) July 2020 Pages 6–11 <https://doi.org/10.1145/3412953.3412970>

Work Experience

2007 – Present Ahmad Bin Mohammed Military College, Qatar
Computer Information Systems Department
Assistant Professor Lecturing courses in:

- **Management Information Systems**
- **Fundamental of Database Management Systems**
- **Information Technology Infrastructure**
- **Electronic Commerce**
- **Electronic Business**
- **Security and Privacy of Information**
- **Software Project Management**
- **Software Engineering**
- **Operating Systems**
- **Computer Networks**
- **Business Process Management**

2006 – 2007 Al-Zaytoonah Private University of Jordan – Amman – Jordan
Faculty of Science & Information Technology
Department of Software Engineering.

Assistant Professor Lecturing courses in:

- **Software Quality Assurance**
- **Software Modelling and analysis**
- **Software Verification and Validation**
- **Software Project Management**
- **Systems Analysis And Design**

2001 - 2006 Amman Arab University for Graduate Studies – Amman - Jordan
Assistant Professor Lecturing courses in:

- **Management Information Systems**
- **Database Management Systems**
- **Problems Solving and Programming Concepts**
- **The Basis of Programming Languages**
- **Software Engineering**
- **Electronic Commerce**
- **Project Management**
- **Systems Analysis And Design**
- **Decisions Support Systems**
- **Final Projects Graduate (MIS students)**

Co-Supervisor for PhD Thesis Subjects includes:

- **E-Government in Jordan**
- **MIS and Supply Chain Management**
- **IT Strategies and Competitive advantage**
- **IT Alignment with Business Strategies**

2000 to 2001 Saudi Islamic College in Birmingham (UK)
Teaching Computer Science Courses

1999 to 2000 Optimax Laser Company (IT Department) (UK)
Visual Basic developer.

Working on a large project, I am involved in designing and implementing additional functionality from detailed Requirements. This involves writing a design and coding, as well as testing. Duties included:

- Development of a database application using visual Basic and ADO
- Produce Technical Documentation and project Quality report using Project Analyser for Visual Basic
- Design and generation of reports using ‘Crystal Report’

1997 to 2000 Smart Technology (UK) Ltd.
Database/Quality Assurance Administrator. Duties included:

- Creating a management system to control purchasing, assembly, testing, and despatching in accordance with customer specifications
- Assist in first line quality assurance compliance checking using quality statistical forms.
- Integrate an administration system with an in-house system using Pegasus Capital Gold and MS Access Software. The administration system include:

Management information and reports, Stock control and purchase order processing, Invoicing and sales, maintaining sales, purchase records, and Managing credit control.

- Working on the development of a web based ordering, receipting and reporting system using Netobject, ASP-db, SQL and JavaScript.
- Run IT courses to clients which includes [Introduction to Computer (MS-Dos operating System), Database management software, Statistical packages SPSS, Minitab, Computer applications word processing, Excel spreadsheets, presentations and graphics]

1995 to 1997 School of Manufacturing and Mechanical Engineering, The University of Birmingham. (UK)
Computer Laboratory supervisor.

1993 to 1994 School of Manufacturing and Mechanical Engineering, The University of Birmingham.
Analyst programmer to produce a computer database system using Visual Basic, containing information on Aluminium metal matrix composites. The project was a joint development between the IRC, the University of Birmingham and LUCAS Advanced Engineering Centre. I was involved in working on the entire lifecycle of projects. I worked with client staff to analyse requirements, worked on database and module design, wrote specifications and managed the development and implementation of projects.

1977 to 1987 State Organisation of Roads and Bridges (SORB), Iraq.
Statistical Researcher.
From 1981, Head of the statistics department. Responsibilities included:

- Methodical statistical research for projects planning, follow-up and control.
- Progress reporting to upper management, up to managing director level.
- Labour planning and control using computerised methods.