

UNIVERSITI TEKNOLOGI MARA

**SOA ADOPTION MODEL FOR PRIVATE SECTOR
IN MALAYSIA**

NUR HAFIZAH BINTI MUSA

Report submitted in partial fulfilment of the requirements
for the degree of

Master of Science (Information Technology)

Faculty of Computer and Mathematical Sciences

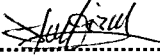
August 2014

STUDENT'S DECLARATION

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Name of Student : Nur Hafizah binti Musa
Student's ID No. : 2010209112
Program : CS770
Faculty : Computer and Mathematical Sciences
Thesis Title : SOA adoption model for private sector in Malaysia

Signature of Candidate : 
Date : 4th August 2014

ABSTRACT

In order to keep or gain more competitive advantage, organizations need to deliver richer business solutions, faster and at lower costs. Previously, there are a lot of technologies had been implemented in enterprise which embedding informal expertise that served specific domain with very little reuse and almost no integration capabilities. Service Oriented Architecture (SOA) was introduce as a methodology or framework that used loosely couple services or software components, enabling systems to be more flexible and cost-effective. According to Schonewille et al. (2010), the primary reason why organizations fail to achieve the benefits from SOA adoption is attributed to lack of framework, taking multiple perspectives especially human, organizational, management and process factors into account. Thus, this study aims to investigate the key factors influencing adoption of Service Oriented Architecture within private sector in Malaysia. There are three research objectives cover in this study a) to identify the key factors influence SOA adoption, b) to determine the most important factor influencing the SOA adoption and c) to construct the SOA adoption model for private sector in Malaysia. The data gathered via empirical study and analyzed using IBM SPSS and PLS graph tools in order to analyze factors and affect size. The result of this research will answer the research questions identified in Chapter 1.

ACKNOWLEDGEMENTS

BISMILLAHIRRAHMANIRRAHIM

Alhamdulillah, In the name of Allah, The Most Gracious and The Most Merciful. Praised be to Allah SWT and blessings be on His Prophet SAW for the ultimate guidance to complete this research.

I would like to express my sincere gratitude and heartfelt appreciation to the people who have directly or indirectly contributed to this thesis. To my supervisor and Program Coordinator, Pn Wan Faedah Abbas for her patience, invaluable guidance, constant support and most importantly, for being a great advisor. It has been a great joy working with you and definitely without your support, I could not complete this thesis. My special thanks to my Dissertation Coordinator, Dr. Fariza Hanis Abdul Razak, for providing the guidelines and timeline, as well as constant reminder in order for me to complete my thesis.

My appreciation and thanks to my beloved parents, En Musa bin Mat and Pn Hamidah Abdul Wahab, also to my siblings for giving me full support in completing this study.

Last but not least, my highest gratitude goes to all the respondents who have participated in the survey for this thesis. Thank you for taking some of your precious time to complete the survey.

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