

**Universiti Teknologi MARA**

**A Proposed Framework for FTMSK Alumni**

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Thesis submitted in fulfillment of the requirements for  
**Bachelor of Science (Hons) Information System Engineering**  
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## **APPROVAL**

### **A PROPOSED FRAMEWORK FOR FTMSK ALUMNI**

**BY**

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This final report is completed under the care and guidance of thesis advisor, Prof. Madya Dr. Noor Habibah Binti Hj. Arshad and has also been approved by thesis supervisor, Pn. Romiza Binti Md. Nor. It was submitted to the Faculty of Information Technology and Quantitative Science and was accepted in partial fulfillment of the requirement for degree on Bachelor Science (Hons) Information System Engineering.

Approved by:

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**Pn. Romiza bt Md. Nor**  
**Thesis Supervisor**

**Date: April 1, 2005**

## **DECLARATION**

I hereby declare that this thesis and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of discipline.

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## **ACKNOWLEDGEMENT**

In the name of ALLAH, the most gracious and the most merciful with Selawat and Salam to Prophet Muhammad S.A.W. Alhamdulillah, thanks to ALLAH S.W.T for blessing me with His mercifulness for my health, strength and life all this time. With the help and permission of ALLAH, a lot of efforts and self-confidence in doing this research, I was granted the opportunity to accomplish this final year project.

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## **ABSTRACT**

Providing a good online service requires access to lots of data. At most organizations, this data is spread among different data store and in different data formats. To solve the problem, a repository can be used as a data layer in order to define a generic representation of a data store. Basically, the purpose of this research is to investigate the concept of repository and propose FTMSK Alumni information repository framework. The framework can be used as a guideline to develop FTMSK Alumni website, which share a common business model and required database, electronic document and workflow, and internet functionality. The framework is based on information repository which store accesses and manages information sources and/or information processes. Repository item are used to access data by identifying the detailed object of each items. Consequently, all the related information can be captured by the repository and most importantly, accessing data has to be easy.