

UNIVERSITI TEKNOLOGI MARA

**DEVELOPMENT OF WORKFLOW
APPLICATION FOR LAB MANAGEMENT IN
FTMSK**

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Thesis submitted in fulfillment of the requirements for
Bachelor of Science (Hons) Information Technology
Faculty of Information Technology And
Quantitative Science

MEI 2006

ACKNOWLEDGEMENT

In the Name Of ALLAH, The Most Gracious and The Most merciful. I am grateful to Allah S.W.T for giving the opportunity to complete my final year project. With the cooperation of many parties, and many long nights, this project was successfully carried out on time

First of all, I would like to express my deepest attribute to my project supervisor, Miss Suzana binti Zambri, for her valuable advice and suggestions throughout the project. I would like to thank her for her comments, guidance, and suggestion on this project.

Special thanks go to Puan Marina Yusof for her guidance to write this report and helps organize the contents of this report.

Next, I would like to thank my family especially my parents whom always encourage me in successfully completing this course.

Finally, I want to thank my lovely friend for everything they have done for me. The project was made possible by the effort of many people who provided invaluable information, references material and collaborative support. Thank you very much.

Abstract

Online management like borrowing and booking has witnessed rapid growth in recent years. Many of colleges, universities and organizations around the world are racing in creating their own online management. So, development of workflow application for lab management system in FTMSK to replace manual-based system used by Pejabat Komputer staff and to improve the effectiveness and efficiency tool to both users and staff in Pejabat Komputer in managing the lab management process. A Lab Management System (LMS) provides two kinds of service, application and management. The application provided is design for normal users, students, lecturers and non-academic staff. They can use services like searching and booking items. For manage use, it design for admin or an authorized staff. They can modify, add or delete items and users. In order to develop LMS, WDLC (Web Development Life Cycle) methodology is used. WDLC focus on developing website. To achieve the objectives, data had been collected by interview, observation and internet searching. This project was conducted using open source technology, which include the apache Web Server, PHP scripting language and the MySQL relational database management system.

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