

UNIVERSITI TEKNOLOGI MARA

**CLASS ATTENDANCE SIGNING SYSTEM USING
STUDENTS' SMART CARD (BARCODE)**

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**BSc (HONS) COMPUTER SCIENCE
FACULTY OF INFORMATION TECHNOLOGY AND QUANTITATIVE
SCIENCE**

31st MAY 2007

**CLASS ATTENDANCE SIGNING SYSTEM USING STUDENTS' SMART CARD
(BARCODE)**

By

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A project paper submitted to

FACULTY OF INFORMATION TECHNOLOGY

AND QUANTITATIVE SCIENCES MARA

UNIVERSITI TEKNOLOGI MARA

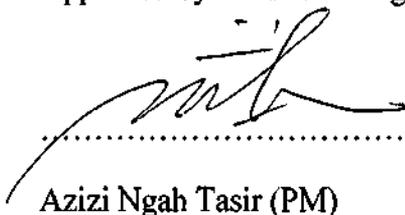
In partial fulfilment of requirement for the

BACHELOR OF SCIENCE (Hons) IN

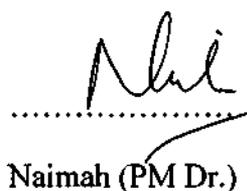
COMPUTER SCIENCE

Major Area: Computer Science

Approved by the Examining Committee:


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Azizi Ngah Tasir (PM)

Project Supervisor


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Naimah (PM Dr.)

Coordinator

UNIVERSITI TEKNOLOGI MARA

SHAH ALAM, SELANGOR

DECLARATION

Here is to declare that I am responsible for the work submitted in this project with all the word, facts and relevant printed material are fully under my own except several finding as specified in the references that each of their sources has been stated.



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4th APRIL 2007

WAN AZLENA WAN MOHAMAD

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ACKNOWLEDGEMENTS

In the name of Allah s.w.t the Most Merciful and Most Gracious.

Praise to Allah the Mighty for showering me a good experience throughout this final project proposal and for all that has bestowed on me. It is with His ascendancy the project paper completed.

My heartiest gratitude and gratefulness to Professor Madya Azizi Ngah Tasir, my project supervisor for his valuable information, advice, comments and encouragements from the beginning until the completion of this final project proposal. His guidance and wise supervision has benefited me greatly. I also would like to address my deepest appreciation and sincere thanks to Dr. Naimah Mohd Hussin for her guidance, ideas and tolerance towards this final project proposal.

Last but not least, a special dedication to all my friends for their support, help and ideas. This final project proposal have gives us opportunity to learn and gain experience.

ABSTRACT

As the world has moving towards the technology era, all of the universities and industries have started to upgrade their performance using computer and technology. University Technology Mara (UiTM) is one of the universities that are moving towards technology era by implementing the electronic system management to replace the traditional method of UiTM system management.

Nowadays, as system management is being delivered through computer, software and application, the usage of barcode are common in system management in universities or industries. In UiTM, the usage of barcode is already implementing in café and library system management.

Networking has grown tremendously over the past several years all over the world. Networking support structured connection between computers which are found more effective and efficient in managing a system. In UiTM, Fakulti Teknologi Maklumat dan Sains Kuantitatif (FTMSK) has a network called Local Area Network (LAN) which provides connection between computers within FTMSK. This project implement client-server network which connects two computers through a cable, one computer works as client and the other works as server.