UNIVERSITI TEKNOLOGI MARA

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

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By

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A project paper submitted to

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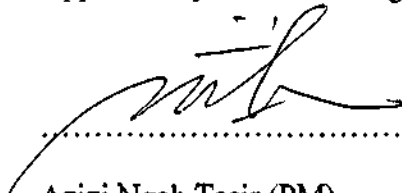AND QUANTITATIVE SCIENCES MARA

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In partial fulfilment of requirement for the
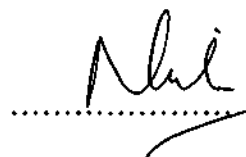
BACHELOR OF SCIENCE (Hons) IN

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

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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.

4ᵗʰ APRIL 2007   WAN AZLENA WAN MOHAMAD

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ACKNOWLEDGEMENTS

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.

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