

Universiti Teknologi MARA

**The Integration of Fingerprint
Authentication with Punch Card System**

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Thesis is submitted in fulfillment of the requirement for

Bachelor of Science (Hons) Information System

Engineering

Faculty of Information Technology And Quantitative

Science

11th October 2004

DECLARATION

I hereby declare that this is the work of my own and except for quotations and summaries, which have been acknowledged.

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PENGAKUAN

Saya mengakui bahawa segala hasil karya yang terdapat di dalam ini adalah hasil kerja persendirian kecuali kenyataan dan penerbitan yang diambil dari sumber yang telah saya nyatakan dengan jelas sumbernya.

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ACKNOWLEDGEMENT

I am grateful to Allah S.W.T for giving me the strength to complete my final project paper. Thanks to my family and friends for their support and kindness on assisting me during the course of developing my final project paper.

A special thanks to En. Kamarul Ariffin bin Abdul Basit who has been supervised me at the onset until the completion of my project paper. This project paper cannot be completed without his support, encouragement and guidance.

Among the people that I would like to thanks for the assistance and support is En. Azhan bin Mohammad Ali of Majlis Perbandaran Klang and En. Mohd Izam bin Ismail of Telekom Malaysia Berhad. I would also like to express my gratitude to those who directly or indirectly provide support on my project paper. I really appreciate the kindness from all of them. Thanks you very much.

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ABSTRACT

This project is a descriptive study on the integration of biometric technology that focuses on the fingerprint authentication with the punch card system. A study was carried-out to determine the authenticated user identification using the biometric technology to clock in/out employees working hours in the organization. According to the research, Biometric-Time Clock is the most prominent biometrics technology, which is low cost and easy of integration of fingerprint authentication device with the time and attendance management system. The strength is in its acceptance, convenience and reliability. It is suitable to use for the FTMSK as the enhancement to the manual punch card system.