Universiti Teknologi MARA

Development of Man Power System (MaPS)

for

Cenderawasih Sdn. Bhd.

Muhammad Amirul Bin Abu Bakar

Thesis submitted in fulfillment of the requirements for

Bachelor of Science (Hons) Information Technology

Faculty of Computer Sciences and Mathematical

January 2012

ACKNOWLEDGEMENT

Firstly, I would like to pay my gratitude to Allah S.W.T for giving the strength to complete this research.

I have been grateful to my supervisor, Encik Megat M. Hatta Bin Megat Othman for his support, guidance, and concern. He has giving some idea or suggestions to help me do this final year project (MaPS). Without his opinion and encouragement, this final year project (MaPS) cannot be completed on time. My continuing thanks to Puan Jamaliah Bt. Taslim, as the lecturer for subject project (CSP650). Without her guidance, lesson or comments during consultation period, this final year project (MaPS) cannot be done successfully.

Special thanks to my beloved parents, for giving supports, prayers and encouragement during my studying. I also want to appreciate all the lecturers and friends that give a lot of motivation and relevant ideas to conclude in this final year project (MaPS).

Finally, to all people that help me during the final year project (MaPS) period that provide some important idea, comments or suggestion whether in directly or indirectly. Thank you and hope Allah S.W.T will bless all of you.

ABSTRACT

This study is about the Development of web-based Manpower System (MaPS) for Cenderawasih Sdn. Bhd. This web-based system is developed using HTML, PHP, Javascript language, MySQL as the database and Apache as a server. Basically, this web-based system focuses on the online request and data storage of foreign workers of Cenderawasih Sdn Bhd. The main users of this system are the clients that require or request for foreign workers from various sectors of industries and Cenderawasih Sdn. Bhd. staff who manage the system as an administrator. To ensure the successful of the project, Iterative Development, SSADM and Waterfall methodology are used as the guideline to make sure the process of planning, requirement gathering, design and development of the system achieve the objectives with the time constraint. An interview has been conducted with the owner of Cenderawasih Sdn Bhd to get more information regarding the process of request for workers and staff manual data storage system. This project has been developed a proper web-based manpower system with an effective user interface and alert notification feature for administrator that will replace current paper based system (manual) at Cenderawasih Sdn. Bhd.

TABLE OF CONTENTS