Universiti Teknologi MARA

DEVELOPMENT OF WEB-BASED APPLICATION SMART INTERNSHIP SYSTEM (SIS) USING RUBY ON RAILS

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Thesis submitted in fulfillment of the requirements for
Bachelor of Science (Hons.) Netcentric Computing
Faculty of Computer and Mathematical Sciences

November 2011

ACKNOWLEDGEMENTS

All praises to ALLAH S.W.T for all His bless that I had during the completion of this project in time, I would like to dedicate special thanks to En Hamid Othman, my respected supervisor for all his full support, supervision, comments, ideas, suggestions and intellectual guidance given to me in order to complete this project.

I also would like to express my gratitude to Dr Kamarularifin Bin Abd Jalil and Pn Zolidah Kasiran for the guidance, explanation and support throughout this research project.

I would also like to give a token of appreciation to Pn shapina Hj Abdullah, Prof Madya Dr Nora Zakaria and Cik Raihana Md. Saidi for willingly providing us their fully cooperation, assistance, information and time in order to accomplish this project. To En Azrul Amir bin Mohd Tajuddin, Aly Munirah Manap, Mohd Fuad Shamsudin and Nurul Aizah Musa thank you in giving the tremendous help, cooperation and information needed to complete this project.

Special thank goes to my beloved family for their moral, love, and encouragement, prayers and supporting me emotionally and mentally throughout my life. Last but not least, my fellow friends and others who have contributed directly or indirectly towards the completion of this project.

Thank you, may ALLAH bless all of you.

ABSTRACT

All faculties in MARA University of Technology (UiTM) have started to provide chances for their students to have some experience working in the industry. Unfortunately, it is being managed in manual without a computerized system. If these processes are not done efficiently, there is highly potential of loss of data or occurrence of data redundancy may appear. Other than that, each of programs in each of faculties has the unique procedure. This has lead of mess in management of internship student. A web-based system has been developed in order to minimize the problems that have been faced by the management. This system can provide platform such for student: to apply the industrial training, update their practical log, lecturer: manage student under their supervision, evaluate, admin: manage all data wisely. By implementing this system, this will minimize the problem of data redundancy, loss of data and etc. In this system, architecture has being chosen to being implemented as web-architecture which is Model View Controller (MVC). For that reason, this system will use web framework to achieve that purpose. The framework that has been chosen was Ruby on Rails.

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