

Universiti Teknologi MARA

Doorbell Automation System

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**Thesis submitted in fulfilment of the requirements
for
Bachelor of Computer Science (Hons) Data
Communication and Networking
Faculty of Computer and Mathematical Sciences**

December 2013

ACKNOWLEDGEMENT

Alhamdulillah, praise and thank to Allah because of His Almighty and His utmost blessings, I was able to finish this research within the time duration given. Firstly, my special thanks go to my thesis supervisor, Mrs. Shapina Binti Haji Abdullah for her time, commitment, comments, suggestions, patience and the untiring guidance and support throughout this project. Her support and encouragement has been the driver and to do my best for the project.

I would like to express my sincere gratitude to Mr. Mohd Rais Mohd Ramli and Mr. Kamarul Ariffin Abdul Basit, thesis coordinator of Final Year Project (CSC600) and Final Year Project (CSC650) FSKM, UiTM Shah Alam for their help as well as contribution in time, advice and guidance throughout the final year project.

Special appreciation also goes to my beloved parents for your support and unconditional love from whom I learned that persistence comes to those that persevere.

Last but not least, I would like to give my gratitude to my friends and colleagues whom I had the pleasure of sharing ideas, sorrows and happiness throughout my college years.

ABSTRACT

This project is about combination of two parts which are the hardware part that consists of Raspberry PI and all related devices, and the software part that consists of database, web services and system development. The main idea of this project is to know who came to our house while we are not at home. This could be useful for parents that always worried about their children that been left at home while they were busy with their works. With the web based system as extra added services to this project, user can easily manage and see the history of visitors, edit their profile and house details. Administrator also can easily register the user, devices and house through the system. Administrator also can view all the reporting regarding user, device installation, and inventory under the Reporting Module. After the accomplishment of this project, it is hope that this project could be useful to the society. With some enhancement for making this project more reliable and efficient, this project could be acceptable to the market and commercialized sooner or later. Hence, it is believed that the Doorbell Automation System will provide the ease of information as per needed.

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