

**Universiti Teknologi MARA**

**Grocery Inventory Management System (GIMS)**

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**Thesis submitted in fulfillment of the requirement for Bachelor of  
Information Technology (Hons) Business Computing Faculty of  
Computer and Mathematical Sciences**

**January 2018**

## **ACKNOWLEDGEMENT**

Alhamdulillah, praises and thanks 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 goes to my supervisor, Sir Mazlan bin Osman. Thanks to his contribution by giving valuable advices and guidance for make this proposal success. In addition, I would like to thank to my CSP650 lecturer, Madam Norizan Binti Mohamad for her support, advices, and guides to all the students during start until end of this proposed project. Special appreciation also goes to my beloved parents, Asni binti Abu Hashim and Zahar bin Zainuddin for giving support and motivation to me all the way to finish this proposed project. Last but not least, I would like to give my gratitude to my dearest friends for helping me by giving comments and suggestions whenever I need to. Hard for me to complete this project without their helps. Thank you very much.

## ABSTRACT

Nowadays, managing an inventory through a conventional way by using pen and log book are not effective anymore. This method will be resulting the incorrect flow of stock in and stock out. Thus, it difficult to handle the flow of stock. The grocery shop named Zohas Melati Ent is still using the conventional way. The current way of managing an inventory has arisen few problems to them. Therefore, Grocery Inventory Management System (GIMS) has been developed to overcome their problems. GIMS will help Zohas Melati Ent to manage their inventory in a computerized way. The flow of stock also can be managed easily and help the company to more aware of incoming of stock and stock out. In order to develop this project, Waterfall Model has been implemented. It consists of five phases which are analysis, design, implementation, testing and maintenance. Furthermore, the evaluation of functionality and usability testing is involved by four experts. Besides that, the testing also involved 30 respondents in UiTM Terengganu, Kampus Kuala Terengganu in order to know the feedback from them about GIMS. Based on the feedback from 30 respondents, overall, the result for GIMS get the highest mean of 4.07 (SD=0.69). Conclusively, this system is expected to help Zohas Melati Ent to manage their inventory more effectively and solve their problem compared to the current way.

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