

**UNIVERSITI TEKNOLOGI MARA**

**INTEGRATED MOBILE ZAKAT MELAKA  
USING RULE BASED**

**AHMAD ZAKWAN BIN AZIZAN**

**BACHELOR OF COMPUTER SCIENCE(Hons.)**

**JULY 2017**

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USING RULE BASED**

**AHMAD ZAKWAN BIN AZIZAN**

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

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## **SUPERVISOR'S APPROVAL**

### **INTEGRATED MOBILE ZAKAT MELAKA USING RULE BASED**

By

**AHMAD ZAKWAN BIN AZIZAN**

**2015299044**

This thesis was prepared under the direction of thesis supervisor, Mr Mohd Rahmat Bin Mohd Noordin. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for Bachelor Degree of Computer Science (Hons).

Approved by:

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Mr. Mohd Rahmat Bin Mohd Noordin  
Project Supervisor

July 24,2017

## **STUDENT'S DECLARATION**

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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AHMAD ZAKWAN BIN AZIZAN  
2015299044

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## **ABSTRACT**

Zakat is the one of the five pillars of Islam, every Muslims must ensure that they will pay the zakat if affordable. Zakat is a mean of fulfilling social responsibility and is an obligation to Muslims for those who have excess wealth of basic needs to give a specific amount of their riches to payees of zakat that meet certain conditions and requirement. Zakat is the pivot approach in Islamic teachings to encounter social problem such as poverty in society by sharing the percentage of wealth to relevant recipients as the obligation to the person who affordable. The traditional system using web-based system. Nowadays, people prefer to use mobile application have become an integral part of daily lives of million people in the world using smartphones or tablets. Therefore, an increasing number of user forcing the developer to develop the mobile application using rule-based technique. One of the mobile application was developed is Integrated mobile zakat Melaka using mobile application that focus in Melaka state. There are seven types of zakat can be calculated through this mobile application. This system will increase the awareness of zakat payment and collection of zakat. Besides that, the value of the zakat nisab already set in the system. The significance of the system easy to used, efficient, usability, fast result and user friendly.