

**Universiti Teknologi MARA**

**Kinta Tourism Mobile Application System  
(KTMAS)**

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

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## **SUPERVISOR'S APPROVAL**

### **KINTA TOURISM MOBILE APPLICATION SYSTEM**

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This report was prepared under the supervision of the project supervisor, Puan Normah Mohd Rawi. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfillment of the requirements for the degree of Bachelor of Computer Science (Hons).

Approved by



Puan Normah Mohd Rawi  
Project Supervisor

JANUARY 29, 2016

## STUDENT'S DECLARATION

I certify that this report and the project to which it refers is the product of my own work and that any idea 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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## ABSTRACT

Kinta Tourism Mobile Application System (KTMAS) is a mobile application system that provides information about tourism places, popular food places and famous accommodation places in Kinta district. The idea to develop this system comes out when tourism information become ambiguous and overloading as there are too many resources that provide information about a particular tourism place. KTMAS has two modules for retrieve required tourism information. Therefore, user has two options to choose to view the required information. It is either quick tour module or suggestion module. In suggestion module, KTMAS uses artificial intelligence method to decide on which places that suit with user preference. A set of fuzzy rules is constructed and the rules are used by this system to suggest a place based on input given by user. In quick tour module, user can just clicks on the name of any tourism places, food places or accommodation places to view information about a particular place. A conclusion has been made based on the user acceptance test that has been carried out. It is identified that KTMAS may help user to minimize the probability of receiving ambiguous and / or overloading tourism information. For the future work, it is recommended that a new technology called augmented reality to be applied in this system. It is due to a more friendly way for information retrieval just by pointing user's device camera at the tourism place where the information about it is required.