

**UNIVERSITI TEKNOLOGI MARA**

**WEB BASED SYSTEM FOR TANAH  
PERKUBURAN ISLAM TAMAN UDA, ALOR  
SETAR, KEDAH**

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Thesis submitted in fulfillment  
of the requirement for the degree of  
**Bachelor of Surveying Science and Geomatics  
(Honours)**


**Faculty of Architecture, Planning and Surveying**

**JULY 2018**

## AUTHOR'S DECLARATION

I declare that the work in this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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## **ABSTRACT**

This study is designed for the development of Web Based System for Muslim Cemetery at Taman Uda, Alor Star, Kedah. Until now, records of funeral information are traditionally done by handwriting on a hard copy of a log book. The usage easy and the modification can be made directly. However, this is not parallel with the ever-expanding technological advancement as these advances can help many parties in facilitating various affairs in the future. Therefore, the aim of this research is to develop the cemetery information system of Tanah Perkuburan Islam Taman Uda, Alor Setar, Kedah using GIS approach with the three objectives which is to spatially map the existing cemetery, to create a database of cemetery and to develop a web- based system for Tanah Perkuburan Islam Taman Uda. The software used for this research are ArcGIS, Microsoft Excel and also Adobe Dreamweaver. GIS can present an ideal framework in terms of storing, compiling, and controlling each record spatially and their attributes. New functionality can also be realized by creating a navigational facility to ease every visitor to this cemetery. All of these can be demonstrated through the use of a web-based technology system capable of integrating with Google Maps to display the actual location of the funeral so grave map can be plotted accurately with perfect detail of information. The last product is a web- based system of the cemetery that will greatly help visitors to do research about the information before visiting the cemetery. This grave plot information can also assist the management in terms of the accuracy and managing of the data information recorded for reference purposes as well as future use.

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