

**UNIVERSITI TEKNOLOGI MARA**

**DEVELOPMENT OF TOURIST GUIDE  
INTERACTIVE MAP OF CAMERON  
HIGHLANDS USING GIS-BASED SPATIAL  
DECISION SUPPORT SYSTEM**

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of the requirements for the degree of  
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(Hons.)**

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## AUTHOR'S DECLARATION

I declare that the work in this dissertation 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**

Cameron Highlands is one of the tourism areas, also one of the best attraction places in Malaysia that the tourist came from the inside and outside of the country. To promote well the best destination in the Cameron Highlands, one web is built in this study to guide the tourist by using the web and interactive map and, also by adding the Spatial Decision Support System to give the best decision making to the user. GIS functions are simply not appropriate to facilitate the planning of garden visitor activities. This paper presents a web-based GIS-based spatial decision support system that integrates GIS functionality and SDSS design with a simple graphical user interface to help Cameron Highlands visitors choose and plan their activities more effectively to customize their personal preferences and constraints. The design for this web-based is a user-friendly interface, which guides the users through the web in an intuitive and informative manner and the important part is a consideration during the applications development. The user interface should be the user's needs when visiting Cameron Highlands

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