TOURISM SYSTEM

A Project paper submitted to the MARA University of Technology

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BACHELOR OF SCIENCE (Hons) IN INTELLIGENT SYSTEM

By

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DECLARATION

I hereby declare that the work in this project is my own except for quotations and summaries which have been duly acknowledged.

20th April 2005

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PENGAKUAN

Saya mengakui bahawa segala hasil karya yang terdapat di dalam ini adalah hasil kerja persendirian kecuali kenyataan dan penerbitan yang di ambil dari sumber-sember yang telah saya nyatakan dengan jelas sumbernya.

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ABSTRACT

Due to the growing popularity and complexity of the Web, designing a web Site is becoming a complex and difficult process that need to be supported by more powerful Web engineering methods. Today, an ever-increasing number of businesses have set up Web sites to publicize their products and services. However, careful planning and preparation is needed to achieve the intended purpose of this new information exchange channel. This project proposed a comprehensive framework for effective agent application development based on the researches done in internet. The framework regards Web application development based on Pro-Web as a special type of software development. On the onset of this project, the tourist's wishes and preferences are investigated. Next, literature review, methodology, design, analysis and findings as the tourism industry in Perak Darul Ridzuan are examined. For Web page design, both the functionality and usability of Web pages are thoroughly considered. The knowledge in this system is represented using rules, while the forward inference technique is used to make generalization of certain criterions. Based on this project, a preliminary implementation of a prototype, the experience gained from this work and future work are described and few conclusions are drawn. Experience from the trial of the system shows that the Tourism System is a cost-effective technology in facilitating the development of tourism applications across the internet. Although the system is successfully implemented, there still weaknesses and other future works can enhance this system.

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