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TOURISM SYSTEM

A Project paper submitted to the MARA University of Technology

In partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (Hons) IN INTELLIGENT SYSTEM

By

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20th APRIL 2005

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-sumber 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.

CONTENTS

	Page
DECLARATION	ii
APPROVAL	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	v
CONTENTS	vi-ix
LIST OF FIGURES	x
CHAPTER 1 INTRODUCTION	
1.1 INTRODUCTION	1
1.2 BACKGROUND OF THE PROBLEM	2
1.3 PROBLEM DESCRIPTION	2
1.4 PROJECT OBJECTIVES	3
1.5 PROJECT SCOPE	3
1.6 PROJECT SIGNIFICANCE	4
1.7 PROJECT CONTRIBUTION	4
1.8 PROJECT APPROACH AND METHODOLOGY	5
1.9 PROJECT LIMITATIONS	5
1.10 OVERVIEW OF THE REPORT	5
1.11 SUMMARY	6

	Page
CHAPTER 2 LITERATURE REVIEW	
2.1 INTRODUCTION	7
2.2 PROWEB	8
2.3 EXPERT SYSTEM	9
2.4 ARCHITECTURE OF EXPERT SYSTEM	10
2.5 RULE-BASED EXPERT SYSTEM	12
2.6 CHARACTERISTIC EXPERT SYSTEM	13
2.7 ADVANTAGES AND LIMITATION OF RULES	14
2.7.1 KNOWLEDGE ENGINEERING THE DISCIPLINE OF BUILDING EXPERT SYSTEMS	15
2.7.2 THE ADVANTAGES OF EXPERT SYSTEM	18
2.7.3 THE DISADVANTAGES OF RULE-BASED EXPERT SYSTEM	19
2.8 EXAMPLES OF EXPERT SYSTEM	21
2.9 SUMMARY	23
CHAPTER 3 METHODOLOGY	
3.1 INTRODUCTION	24
3.2 STAGES OF STUDY	25
3.3 PROJECT REVIEW	26
3.4 KNOWLEDGE ACQUISITION	26
3.4.1 ACQUIRING PROBLEM DOMAIN'S KNOWLEDGE	26