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Budget traveler's guide in Malaysia / Ram Sharfila Abd Latif.

RAM SHARFILA BT ABD LATIF

This report is submitted in partial fulfillment of the requirements for the Bachelor of Computer Science (Software Development)

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
KOLEJ UNIVERSITI TEKNIKAL KEBANGSAAN MALAYSIA
2006

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JUDUL : BUDGET TRAVELER'S GUIDE IN MALAYSIA

SESI PENGAJIAN : SEMESTER II TAHUN 4 (2006)

Saya RAM SHARFILA BT ABD LATIF
(HURUF BESAR)

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(TANDATANGAN PENYELIA)

HAJI MUHAMMAD SUHAIZAN BIN SULONG
Pensyarah
Fakulti Teknologi Maklumat dan Komunikasi
Kolej Universiti Teknikal Kebangsaan Malaysia
Karung Berkunci 1200
Ayer Keroh, 75450 Melaka

Alamat tetap : Bt 16 1/2 solok Duku
Jalan Batu Puteh, 78300
Masjid tanah, Melaka

Nama Penyelia : Tuan Haji Muhammad Suhaizan Bin Sulong

Tarikh : 27 April 2006

Tarikh : 27/4/2006

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I hereby declare that this project report entitled

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STUDENT : _____ Date : 27/4/2006

(RAM SHARFILA ABD LATIF)

SUPERVISOR : _____ Date : 27/4/2006

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HAJI MUHAMMAD SUHAIZAN BIN SULONG
Pensyarah
Fakulti Teknologi Maklumat dan Komunikasi
Kolej Universiti Teknikal Kebangsaan Malaysia
Karung Berkunci 1200
Ayer Keroh, 75450 Melaka

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DEDICATION

To my beloved parents…

MR ABD LATIF BIN ABU BAKAR (BELOVED FATHER)

and

MRS RAMLAH BINTI BUJANG (BELOVED MOTHER)

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ABSTRACT

'Budget Traveler's Guide in Malaysia' is a new innovative system that is developed to help traveler in planning their traveling. The system is develop to give a suggestion in planning a trip base on user input. Besides, this system operate base on budget select by user. Decisions support from the system includes destination, transportation and accommodation. 3 types of destination each one has 3 places of interest can be select by traveler. 3 types of destination are beaches, islands, and city view. Example, 1 type of destination (islands) has 3 kind places of interest (Pangkor Island, Redang Island, Tioman Island). Transportation details give from the main location (Malacca) to the places of interest selected by user. Accommodation details is suggest base on their budget.

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ABSTRAK

'Budget Traveler's Guide in Malaysia' adalah satu sistem inovatif yang dibina untuk membantu pelancong merancang percutian. Sistem ini dibangunkan untuk memberi cadangan rancangan pelancongan mengikut maklumat yang diberi oleh pengguna. Sistem ini beroperasi berdasarkan bajet yang dipilih oleh pengguna. Cadangan yang diberi oleh system termasuklah destinasi, pengankutan dan penginapan. 3 jenis destinasi di mana setiap satunya mempunyai 3 tempat menarik yang boleh dipilih oleh pengguna sistem. 3 jenis destinasi tersebut adalah pantai, pulau, dan pemandangan kota. Contohnya, 1 jenis destinasi (pulau) mempunyai 3 pilihan tempat menarik (Pulau Pangkor, Pulau Redang, Pulau Tioman). Maklumat pengangkutan diberi dari lokasi utama iaitu Melaka sehingga ke destinasi yang dipilih oleh pengguna. Maklumat penginapan dicadangkan berdasarkan bajet yang diberi.

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LIST OF ACRONYMS

ACRONYM	FULL TERMS
KUTKM	Kolej Universiti Teknikal Kebangsaan Malaysia
OOAD	Object Oriented Analysis and Design
UML	Unified Modeling Language

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CHAPTER I

INTRODUCTION

1.1 Project Background

System that is going to develop is Budget Traveler's Guide in Malaysia. This system is a new innovative system, develop to help user on making decision for budget traveling destination. The system only includes destination around Peninsular Malaysia. Traveling destinations are categorized to 3 type of destination includes beaches, islands, and city view. Each destination has 3 different places presents for each category. Budget from user is another input need in the system. Budget provide by user is include budget for transportation, and accommodation.

On transportation, user needs to make a choice either want to travel to destination by air or by road. Information for transportation is given from Malacca to the selected destination. Details suggestion for transportation is suggested to traveler. For accommodation, input from user is needs to decide how many days they want to spend during their holiday. This system also request a number of member, join in the travel.

This decision support system also offer user about information related to transportation and accommodation such as contact number and address to help user

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booking transport and accommodation. Besides, the system also provides more information about places in each category.

1.2 Problem statements

Budget Traveler's Guide in Malaysia System is develop base on study about problem arise during user plan their trip. This new innovative system develops as a solution for the problem arises. Main problems facing by user is related to the cost that must be spends to get an information to planning their vacation. The cost includes time wasting, money spending and energy effort. When they looking for information about location, transportation, and accommodation they have to spend so much time to go to one by one travel agencies or searching in the internet about the information they need and starting planning their budget base on the information they get from the survey.

They have to compare each of the information related to the cost and fit it base on their travel budget. Besides they also need to spend money and wasting their time. People nowadays are not interested to spend too much cost and time to search information for planning their budget. With this system, user can plan their vacation base on their budget need, through only their fingers and make a choice base on related suggestion offer by the system. Within a few minute they will get their budget travel planning after given a few input need by the system. No much effort is need when using this system.

1.3 Objective

- Budget Traveler's Guide in Malaysia is developed on purpose to guide and advice user in budgeting their money for their holiday.

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- To manage user decision with categorizing the destination into 3 types.
- This system offer an advice for user to get a proper plan for their vacation without spending too much time in exploring information about location, transportation, and accommodation before planning their budget.
- Other objective is, the system is developed to help user to get details information about location, transportation, and accommodation. For example, the system provides a details information about transportation from the Malacca Sentral to their destination selection. A detail includes cost spend in each transportation.
- Without need to do an individual survey on searching information to plan user budget, this system is develop to help them save cost spending during searching information.

1.4 Scopes

- System only specifies a guide on local places in Peninsular of Malaysia.
- Destination divide to 3 categories includes beaches, islands, and city view. The places are separated by category to specify user interests.
- Each category of destination will specify only 3 places for each destination.
- Transportation details are given to people that want to plan a trip from Malacca Sentral to their selected destination.
- Transportation is categorized to 2 types of transportation either by air or by road.
- In accommodation, a suggestion is given base on budget and number of traveling days. Accommodation details such as accommodation name, address and contact number is given to user.
- Decision of budget is given base on individual budget. Budget for member is calculate base on input number of person join in the trip. Calculation is between number of person and individual budget.

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1.5 Project significance

- The developing system is a decision support system that is develops to help user on their traveling budget. This system will give an appropriate decision base on user input. Result is display after considering budget from user.
- This system can be used by travel agencies as one of their hot linkage in purpose to help user plan their holiday in a short time. A busy working person cannot spend too much time only to plan their holiday trip. With this online system, user can find information and make a comparison with their budget need.
- Besides, this system offers a details information about transportation that can be used to go to the related destination. Suggestion of transportation is from main starting point in Malacca. It is for those who want to plan a trip from Malacca.
- The other profit of the system is user will save money and effort that will spend during the survey. This system is a best solution on planning holiday for everyone especially for a busy person.

1.6 Expected output

In this online system, input needs from user are type of destination, places of interest, budget, total of days, number of person join the trip, and type of transportation either by air or by land. After submitting input, system will process and display all related information about location, transportation, and accommodation. Details information about trip of transportation from main location (Malacca) to reach the destination is given.

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It consider type of transport choose by user. Details of information includes price per trip, type of transport either bus, taxi, flight or another type. Besides, system also display name of accommodation suggest considering user budget. Contact number and address also provide for user.

1.7 Conclusion

In this chapter a briefing is given on project background, problem statement, objective, scopes, project significance and expected output. Chapter I is a description of the project that want to be developed. As a conclusion, the system plays a role to help user on their travel planning. This system will give an information base on input given by the user.

The system display an output base on user interest and budget. It also displays complete information about the location, transportation trip and accommodation per person before calculating it with number of group. This system is develops to help traveler to plan their traveling budget.

Destinations for traveling only specify places at Peninsular Malaysia. Destination is categorized to 3 type includes beaches, islands, and city view. This system is develop to overcome a problem arises during budget planning.

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CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

Chapter II will describe about fact and finding, project methodology, project requirement, project schedule and milestone. Results from each approach that is use as references for Budget Traveler's Guide in Malaysia system are given in details. Besides, methodology used on developing the system also discusses. Software and hardware requirements are state to specify what kind of tool are uses during development phase of the project. Each stage is discussed including action and activities of the project.

2.2 Fact and finding

On finding related passed research, references, case study base on project title, a few approaches is use. Book, web pages, magazine, and pamphlet are used as sources on finding. This project is focusing on planning traveler's budget. Therefore, it is more related on cost management.

A perfect planning is need on spending money and spending leisure time in the most rewarding way. On travel planning people must be aware of planning their budget to make sure their holiday is held perfectly and without facing a financial problem during vacation. People must plan on how to manage their time and money to plan an enjoyable holiday.

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"Make yourself aware of no-cost or low-cost personal enrichment activities that can enhance your life"

"It's a shame to waste money, but it's even more disappointing to have wasted time. You can always go out and make more money, but you can never go out and make more time. Careful planning is essential if you want to make the most of your time and money."
(Robert S.Rosefsky, 1996) [1]

This project is a new innovative system that can be used by travelers on planning their budget. After making choice of destination, entering budget, location, days per night, and number of person join on the travel, system will display related information as an advice to user on making their travel decision. This system will use as an online system, the best way to perform the system. Online system is a best way to perform this system because of an easy to access in any other places that has Internet connection.

"In this increasingly competitive travel and leisure industry, e-commerce and online tourist business portals offer great potential for growth. It has been reported that travel and leisure industry portals account for 20 percent of the world's most successful websites. Today, millions of people are making their travel plans on-line."
(Dato' Kee Phaik Cheen, 2004) [2]

Budget Traveler's Guide in Malaysia is a system to be developed and manage user need. This system offers services to customer on making decision for their travel planning. The system also designs to manage user budget or cost during planning their vacation. User need is manage with supplying them with details information about planning their travel.

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