

E-IMTIYAZ

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BORANG PENGESAHAN STATUS TESIS*

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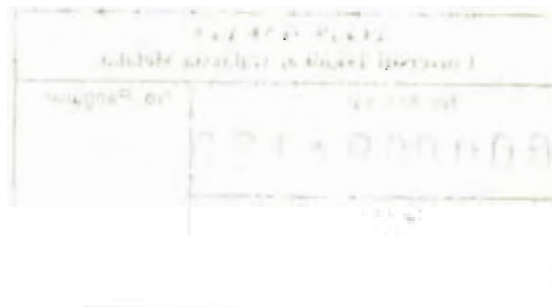
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E - IMTIYAZ

JAMILAH BINTI RAMLI

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


FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
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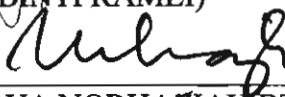


DECLARATION

I hereby declare that this project report entitled
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DEDICATION

To my beloved parents En. Ramli bin Mohamad and Mariam binti Abdullah.

Your strength, your love and your encouragement is the ultimate inspiration for me
every day in my life

ACKNOWLEDGEMENT

AlhamduLillah, Firstly, I would like to show my gratitude to Allah The Almighty for giving me the strength and good health to complete this Bachelor's project for the student of Bachelor of Information Technology Communication.

My highest thanks to Profesor Madya Norhaziah Binti MD Salleh on guidance and constructive comments and help me to complete this project. She had thought me everything that I should know and she also had given me moral supports to ensure that I complete this project succesfully.

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Finally, I ask forgiveness if there is and the lack of a developed system. I hope God will bless you all.

ABSTRACT

E-Imtiyaz is a system in place to make travel bookings. The purpose of this system was developed to enable customers to book air tickets and choose the tourist attractions available in packages on offer and facilitate employee at the counter to manage the sale of air tickets. This system also makes it easier for administrators to manage the information about flight schedules and tourist attractions that are offered in packages. This system also allows users to update information on reservations. In addition, to facilitate the user knows the appropriate time and date for booking and travel.

ABSTRAK

E-Imtiyaz ialah sistem yang dilaksanakan untuk membuat tempahan tiket pelancongan. Tujuan sistem ini dibina bagi memudahkan pelanggan untuk membuat tempahan tiket kapal terbang dan memilih tempat-tempat pelancongan yang disediakan melalui pakej yang ditawarkan serta memudahkan pekerja di kaunter untuk menguruskan penjualan tiket kapal terbang. Sistem ini juga memudahkan pentadbir untuk menguruskan maklumat-maklumat mengenai jadual penerbangan serta tempat-tempat pelancongan yang akan ditawarkan melalui pakej. Sistem ini juga membolehkan pengguna untuk mengemaskini maklumat tempahan. Disamping itu, untuk memudahkan pengguna mengetahui masa dan tarikh yang sesuai untuk membuat tempahan dan pelancongan.

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LIST OF ABBREVIATIONS

Universiti Teknikal Malaysia Melaka	UTeM
E-Imtiyaz system	E-Imtiyaz
Entity Relationship Diagram	ERD
Data Flow Diagram	DFD
Software Development Life Cycle	SDLC
Relational Database Management System	RDBMS
Database Life Cycle	DBLC
Database Management System	DBMS
Database Administrator	DBA
Data Definition Language	DDL
Data Manipulation Language	DML
Data Control Language	DCL

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CHAPTER I

INTRODUCTION

1.1 Project Background

E-Imtiyaz is a system that is applied in an ImtiyazTravel company. The aim of this system is customers can book any packages through online system with ease and also the customers can make their reservations through online payments. In this system the data used by system is an integrated data linked to each other in a database. The system was developed to help customers who want to booking and buying any package which is available in company services.

To use this system, customers must register as member with online register through the company's website. After registering as a member, customers can view and book travel packages, find the time, find the date and place that are available in this system. Once the customers register through this system and successful booking and choosing the particular package, they will know the status of their booking package via email which is automatically sent by this system. By this way, customers can save time from the long sequences on the table.

This system is also used by employees of the Company IntiyazTravel. The employees will login with the username and password that's has been registered. They have authorized to make and update the properties of the packages. Employees can also receive direct purchase from the counter by using this system. In this way all the packages have been bought by customers over the counter will be updated more than counter. For the system administrative, it will be used by the system administrator account in the main root system. Administrator will determine all the information in this system like additional information, delete and also update information in this system. In addition the administrator will manage the backup and restore information in this system.

1.2 Problem Statement

Usually, customers who wish to travel will search information which is valuable to them. This is the big problem and the hard part for them to begin their travelling. They will look and try to find the information. When they have acquired the information, they will make progress until they reach their target or their interest. To achieve and get the entire requirement, it will take very long progress and maybe will waste every effort and time if not successful. For examples, if they want to get Hajji or Umrah package, they will do a lot of things in every aspect like when to buy Hajji or Umrah package.

They must find the details of the packages like the details about journey, details about logistic, cost and also warranty of the packages. They also want to know what their transport is, when and where to depart to get all of the information, they must go on discussion with the respective officers of that's package. The discussion will take more time include the time for they to make negotiation. The every step that's they have to follow is very long way and use very long time.

1.3 Objectives

- To provide the good and fastest service to the customer.
- To give better security on information personal from achieved by other people.

- To make sure the application must be user friendly to use for customer and employee.
- To make sure customers can access information on more detailed about packages schedules and packages offered.
- To be sure customer will make payment more security.
- To ensure all the schedule of journey is always on update mode. This will make the user easy to make reservation.

1.4 Scopes

- i. The system was developed for customers who wish to book Hajji or Umrah packages and also employees who set the table and the administrator who manages the main root.
- ii. Customers can book Hajji or Umrah packages after seeing the packages and schedule of the packages.
- iii. Customers can insert, update their data and also will get notification from this system about their booking status.
- iv. Employees can view the register members, can view booked Hajji or Umrah packages from customers and can update also manage the schedule packages
- v. Admin is responsible for data manipulation, control and maintenance of database structures.

1.5 Project Significance

This system is particularly useful for customers who want to make a reservation and buy a Hajji or Umrah packages because the database used for this system is integrated. An integrated database system is the method used by small and large businesses that incorporate IT to assist in the manufacturing process. This note updates the information store and means to enable faster downloading.

Some examples include, the technology is neat design ideas from concept, specifications for parts and components include information on quality control, test results and plan the manufacturing process. In many ways is a great repository of knowledge, apart from the more technologically advanced, for example, you can search for a single part that can be incorporated in many products.

Customers only need to use this system to make their reservations. In addition, there are many systems that use the concept of e-mails to their customers as a status confirmation. For example, a hotel reservation system using e-mail address to notify their customers about the booking was successful or not. By this method, the company saves more money because the company does not need to spend a lot of money to buy the paper. Therefore, this system was developed for customers and uses their e-mail confirmation of the status of Hajji or Umrah packages.

1.6 Expected Output

The project will develop a new system and to upgrade current system that currently used today. The user application will be developed and make it simple and easily used by user. After this project implementation, customer can choose and buy the Hajji or Umrah packages from home and can view the properties of

the package. At the same time customers can insert and update their personal data as to fulfill requirement of this system. This kind of service is useful for employee to view and assess customer's details. Employee also can make rearrangement or rescheduling and updating Hajji or Umrah packages in this system

1.7 Conclusion

This chapter elaborates the background of this project which will apply the emailing technology and the integrated database system to perform the entire application for the project. We can see the problems which are need to solve by referring to the problem statements and the project objectives. In this chapter also, we are able to identify the kind of target users and how they interact with these applications.

In the next chapter, the project will explain about literature review and project methodology of the entire topic. The literature review will described about some comparison between the existing system and the system that will be developed. Project methodology is what methodology that will be used to develop the system including user application. There will be some findings based on those topics that will cover some new features that will be added to the project.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

This chapter to be describes about literature review and project methodology which is use in this system, E-Imtiyaz. A literature review is a body of text that aims to review the critical points of current knowledge and or methodological approaches on a particular topic. Literature reviews are secondary sources, and as such, do not report any new or original experimental work.

Most often associated with academic-oriented literature, such as these, a literature review usually precedes a research proposal and results section. Its ultimate goal is to bring the reader up to date with current literature on a topic and forms the basis for another goal, such as future research that may be needed in the area. A well-structured literature review is characterized by a logical flow of ideas; proper use of terminology; and an unbiased and comprehensive view of the previous research on the topic.

Methodology may refer to nothing more than a simple set of methods or procedures, or it may refer to the rationale and the philosophical assumptions that