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MUSLIM's E-PLANNER

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DECLARATION

I hereby declare that this project report entitled
MUSLIM's E-PLANNER

is written by me and is my own effort and that no part has been plagiarized
without citations.

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DEDICATION

Specially dedicated to

My beloved father, Abdul Aziz Bin Yusoff, and mother, Shabariah Binti Deraman@Ab Rahman and also to my dearest family, friends and colleagues who have always being there to encourage and inspire me throughout my life.

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ABSTRACT

Muslim's E-Planner is a standalone website application that helps Muslim to manage daily duty and as reminder regarding important date in Islamic calendar. In Malaysia, this kind of software is not very popular among web designer and less found, instead the commercial website is much more preferred nowadays. Muslim's E-Planner website is going to develops using PHP programming language and MySql as its database. These are the modules in Muslim's E-Planner ; diary, day reminder, software downloading ,general knowledge, display pray time , prayer steps, post bulletin and upload photos. Besides, RAD methodology that is Phase Development is choose seem the cycle involve is suitable to develop website. Muslim's E-Planner development hopefully can increase Islamic general knowledge among Muslim society and other races.

ABSTRAK

Muslim's E-Planner ialah aplikasi laman web yang standalone yang membantu muslim menguruskan tugas harian dan sebagai pemberitahuan tentang tarikh-tarikh penting dalam kalendar islam .Di Malaysia perisian sedemikian kurang mendapat perhatian dan jarang ditemui sebaliknya laman web untuk komersial lebih diutamakan. Laman web Muslim's E-Planner akan dibangunkan menggunakan perisian PHP dalam membangunkan sistem dan MySql sebagai pangkalan datanya.Antara modul-modul yang terlibat di dalam Muslim's E-Planner ialah diari,peringatan hari,muat turun perisian,pengetahuan am, kalendar,paparan waktu solat,paparan amali sembahyang, penghantaran buletin dan penghantaran gambar.Dalam membangunkan Muslim's E-Planner metodologi RAD iatu fasa pembangunan dipilih memandangkan teknik yang terdapat di dalam fasa pembangunan amat bersesuaian dalam membangunkan sesebuah laman web.Pembangunan Muslim's E-Planner diharap dapat menambahkan pengetahuan masyarakat muslim dan bangsa-bangsa lain mengenai agama islam.

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LIST OF ABBREVIATIONS

ERD	- Entity Relationship Diagram
KUTKM	- Kolej Universiti Teknikal Kebangsaan Malaysia
RAD	- Rapid Application Development
DFD	- Data Flow Diagram
VB.NET	- Visual Basic.Net
PHP	- Hypertext Pre-processor
IE	- Internet Explorer
MEP	- Muslim's E-Planner

CHAPTER 1

INTRODUCTION

1.1 Project Background

Muslim's E-Planner is a combination of software and website that contain dairy, reminder and general information to public. The idea of developing Muslim E-Planner is to produce a useful and interactive system that might help user to retrieve knowledge and sharing information. Muslim E-Planner is a standalone system which is going to develop as a web based and desktop application. Several function includes in Muslim E-Planner are reminder function, alert pop up, upload photos, writing diary ,post bulletin, request azan time ,Islamic general knowledge, play azan as well as task notification. Basically, reminder keep people alert with an event and any important date. The reminder will several times remind the person based on his/her requirement. While same function goes with notification alert that will pop up on the desktop until the date end to terminate displaying it.

Muslim E-Planner is divided into two application which are desktop and website application. On the desktop, there will be the azan player. In the website, user will get the international azan time for 5 big cities in the world like Kuala Lumpur, London, Jakarta, Tokyo and New York. Other than that, people could use other features provided such as post bulletin , download, reminder, getting Islamic general knowledge and so on

In the website also provided others basic Islamic knowledge like prayer step for men and women.

Diary obviously use by people to write anything. As a protection from unauthorized person, user has to enter the username and password to open the diary. The dairy also provide an option to change the font size, colour, type as well as undo and redo during writing. Muslim's E-Planner also has hyperlink to other Islamic website such as Jakim, e-Zakat and so on. Upload photos for personal keep is provided in the dairy.

1.2 Problem statement(s)

Muslim's E-Planner is proposed to develop seem there are less Islamic website existed in Malaysia. Other than that, Muslim's E-Planner is going to have many functions because Muslim's E-Planner combines the basic function had in other website such as ediary, birthday reminder, task notification, distributed Islamic knowledge and play azan. Muslim's E-Planner is also different from other websites in Malaysia which it provides a bulletin to attach announcement. So the project that I am going to proposed is the enhancement from the existing system.

1.3 Objective

These are the objectives of developing Muslim's E-Planner:

- ✚ to enhance the diary usage and to develop an Islamic website that will full fill Muslim's needs
- ✚ to keep important date and data from unauthorized person
- ✚ to manage the record systematically , efficiently and safely
- ✚ to avoid lost of record and create more secured diary
- ✚ to alert user with task notification from missed it

1.4 Scopes

These are the scopes defined during the brainstorming in developing Muslim's E-Planner:

- ✦ display calendar in tabular view that enables user to fill in his/her activity appointment on the desire date.
- ✦ user can set specific time and date.
- ✦ an alert will pop up when the date and time set has come.
- ✦ there will be an email function that will enable user to send birthday wishes and share their diaries.
- ✦ general knowledge and information about Islam is provided in the website such as pickers of Islam , Islamic's attires, prayer steps and so on.
- ✦ user may upload photos.
- ✦ curah and hadis from al-Quran are available for downloaded.
- ✦ choices of font type, size, colour when writing a diary as well as undo and redo.
- ✦ hyperlink to other Islamic websites such as e-Zakat,Jakim and Baitulmal.
- ✦ different prayer time for five big cities.
- ✦ user can send bulletin in the website.
- ✦ alert for important dates in Islam's calendar
- ✦ the system can be personalized; each user has their own username and password, also means that user has their own account.

1.5 Project significance

Muslim's E-Planner is developed for many purposes such as connecting people around Malaysia , place of sharing information and gaining and collecting knowledge . Although its name was Muslim's E-Planner, others religion can still visit the website to know and learn about Islam. Besides, Muslim's E-Planner could be a place to distribute a true Muslim's lifestyle so there is no misconception about Islam anymore. Muslim E-

Planner also will benefit people that had just converted into Islam . Muslim's E-Planner can be browsed at anywhere anytime that enable user to get the solat time for five different cities. Other than that, people could use Muslim's E-Planner as a private place to keep their value stuff such as photos or secret story from outsider. Nowadays , people always set wrong idea about Islamic fashion and the right way to dress . So this website includes the explanation about the right Islamic attire. Overall, the website target user is not limited, children, teenager and adult are suitable to visit the website indeed . As the fact that Islam is universal religion meaning it's suitable in anytime and anywhere.

1.6 Conclusion

Overall the chapter finds out the student understanding of the project that they are going to develop. The first chapter is a beginning of a project so student is clear with the title and purpose by defining the objectives and scopes. This chapter helps student to define the function and the project contribution towards people.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

Chapter two will focus on preview to the literature review and project methodology. In understanding the project and define the requirement, literature review is done to collect the data and get the point of view. In this chapter, there'll be a research done to collect the data to develop the system. Chapter two will discuss and state the approach use to do the project by doing the research, finding reference, referring to any case study and other finding that relates to the project title. While doing the finding, the sources is needed to state together with the literature review so people can know where the facts come from. Then, states the explanations to support the approaches with statements to justify the fact findings are sound. Other than that, in this chapter, if any other approaches that are applicable is able to be added and give reason to justify why not.

2.2 Fact and finding

2.2.1 Muslim's E-Planner

Muslim's E-Planner is a system that has features that mostly needed by muslim as a basic reference about Islam. Similar system as Muslim E-Planner still does not exist in Malaysia unless Islamic system provided as a company website such as Tabung Haji and so on. Muslim's E-Planner is a combination from ediaary, reminder and Islamic website. The main function of Muslim's E-Planner is to provide user with Solat time and play Azan and other Islamic knowledge such as prayer step and also a reminder.

Muslim's E-Planner also includes a bulletin used to attach any announcement or event that people would like to share. The main purpose developing the Muslim's E-Planner is to provide a website that has similar function as high5 or Ringo website as well as distributing the Islamic knowledge. Hi5 and Ringo are almost having similar features and functions. The websites is provided to gather user's friends in a group by providing user to share pictures and information. Besides, user can add his/her friend in their list if the person he/she knew isn't in the list yet. Ringo is more on sharing pictures which enable user to upload many pictures. While High5 also has email that user can use to send email and post bulletin incase if there any announcement they would like to post.

Ringo

Ringo is a photo website where people can send, upload, grab and find pictures they are looking for. The website is develop on purpose to cut down the time needed to upload, send and grab the pictures. Besides, ringo user has two categories, one the registered user and the other one is unregistered user. Basically the registered user, could use all the service and function provided in the website while certain function is allows to unregistered user. Pictures has in the website is from all over the world and many types such as nature sight, sport match view, and so on. Similar with other website, user must login to access to his/her account.