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SISTEM AGIHAN ZAKAT FOR MAIM

DANIAL BIN JAMALUDIN

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


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

2006

DECLARATION

I hereby declare that this project report entitled
“SISTEM AGIHAN ZAKAT FOR MAIM”

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

STUDENT:  Date: 25/11/2006
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DEDICATION

To my beloved parents, sisters and friends...

ACKNOWLEDGEMENT

First and foremost, I would like to thank ALLAH s.w.t “Alhamdu Lillah” who said “*ALLAH will exalt in degree those of you who believe and those who have been granted knowledge*”, for giving me the strength, patience, courage and determination in compiling this report. Our prophet Muhammad s.a.w said “*and wherever selects a path towards gaining knowledge, ALLAH will make it a path guiding to paradise*” and said “*who don't thank people, don't thanks ALLAH*”. So I acknowledge and thank everyone who has helped me to achieve this work.

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ABSTRACT

This project concerns on *Sistem Agihan Zakat* for *Majlis Agama Islam Melaka* (MAIM). The current problems are unable to print out the *Fakir Miskin* details, time-consuming in searching the *Fakir Miskin*'s information and high probability in entering invalid *Fakir Miskin* Identification Card number (IC Number). *Sistem Agihan Zakat* is develop to overcome the current problems that are stated above. The developed *Sistem Agihan Zakat* will accurately update, record and check *Fakir Miskin*'s details and will successfully produce reports based on required category. In order to develop a well-designed system, Project Methodology that has been choosing to use in this project is Waterfall Model and Database Life Cycle (DBLC). This project has been developed by utilizing PHP as *web based*, MySQL as the database, IIS 1.5 as the server platform and Dreamweaver Mx2004 for interface design.

ABSTRAK

Projek ini adalah mengenai Sistem Agihan Zakat untuk Majlis Agama Islam Melaka (MAIM). Masalah semasa ialah maklumat Fakir Miskin tidak boleh dicetak terus, Staff membazirkan masa untuk mencari maklumat Fakir Miskin dan Staff berkemungkinan besar memasukkan nombor Kad Pengenalan Fakir Miskin yang salah. Sistem Agihan Zakat dibangunkan untuk menyelesaikan masalah semasa seperti tertera diatas. Tujuan projek ini adalah untuk menyimpan, mengemaskini dan mencari maklumat Fakir Miskin dengan cepat dan berjaya menghasilkan laporan berdasarkan kategori yang diperlukan. Didalam aturan untuk membangunkan *well-design system*, Projek Metodologi yang akan digunakan untuk sistem ini adalah *Waterfall Model and Database Life Cycle (DBLC)*. Projek ini dibangunkan menggunakan PHP sebagai *web-based*, MySQL sebagai pengkalan data, platform untuk server ialah IIS 1.5 dan *Macromedia Dreamweaver Mx2004* untuk mencorak laman antaramuka.

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LIST OF ABBREVIATION

NO	ABBREVIATION	NAME
1.	PC	Personal Computer
2.	MAIM	Majlis Agama Islam Melaka
3.	AZFM	Sistem Agihan Zakat for MAIM
4.	DBLC	Database Life Cycle
5.	SDLC	Software Development Life Cycle
6.	DML	Data Manipulation Language
7.	DCL	Data Control Language
8.	DDL	Data Definition Language
9.	ASP	Active Server Page
10.	PHP	Personal Hypertext Preprocessor
11.	HTML	Hypertext Markup Language
12.	XML	Extensible Markup Language
13.	DBMS	Database Management System
14.	R-DBMS	Relational-Database Management System
15.	DBA	Database Administrator
16.	ERD	Entity Relationship Diagram
17.	DFD	Data Flow Diagram
18.	IC	Identification Card
19.	JKKAB	Jawatankuasa Agihan Bantuan.

CHAPTER 1

INTRODUCTION

This chapter will describe the whole project briefly. The most important part to be viewed clearly is project background, problems that bring out this project, the objectives to achieve project scope and project significant. On the other hand, this chapter is an overview of the whole project. Generally, the developer must identify the project significance to end users and area of research and the expected output as conclusion.

1.1 Project Background

Majlis Agama Islam Melaka (MAIM) was established on 28th September 1960. It is because MAIM have responsibilities to manage all things related to 'Hal Ehwal Islam Negeri Melaka'. MAIM as one organization that created the policy of Islam Negeri Melaka are responsible to control all Agency and Islamic Institute in Melaka. BaitulMal means warehouse of property that manages all financial sources and property of Islamic society. MAIM are responsible to manage all property and financial and then dispense it to *Fakir Miskin* in Melaka in effort to help Muslim increase their social economic and also reduce poverty.

This project is developed for Majlis Agama Islam Melaka (MAIM). The purpose of this project is to upgrade system to a WEB-based system entitled “Sistem Agihan Zakat” using PHP as interface and MySQL as data storage. Each year more than one thousand *Fakir Miskin* in Melaka are applied MAIM aid. So to manage all the *Fakir Miskin* information Sistem Agihan Zakat is made. The current Sistem Agihan Zakat provides a data store where staff can insert and store all the information about *Fakir Miskin* into a system. The main idea for this system is to make an upgraded and enhancement on the current system.

1.2 Problem Statement

After a few studies about the existing system used and staff working procedure, a few problems of existing system are stated as the following.

1.2.1 *Fakir Miskin* age is not automatically updated each year in a current system.

Applicant age on the current system is not automatically updated each year. The problem occurs when the applicant want to renew their aid. The applicant age information is the same with the age information that is being inserted for the first time. So it is difficult for staff to know the valid applicant age and need to update the applicant age manually.

1.2.2 Current system cannot print out the *Fakir Miskin* data.

The existing system operation is only to store the applicant information and does not provide the function to print out the applicant information through the system. So the problem is that the data are not stored into a *Fakir Miskin* file. MAIM need to keep applicant data in the file as a reference and when a problem occurs such as when the applicant data does not exist on the system, staff can refer the applicant information at the *Fakir Miskin* file.

1.2.3 User can enter an invalid Identification Card Number.

The existing system is not provide a mechanism to check whether users enter valid or invalid identification card number when user insert or search the applicant information. User can enter an invalid identification card number when inserting and searching applicant data. The problem occurs when staffs enter an invalid identification card number to search applicant data that exist in the system. There is no mechanism in the current system to avoid user from entering an invalid identification card number.

1.3 Objective

This system is developed especially for MAIM to upgrade and make an enhancement for the existing system. The following are the lists of objective to be achieved.

1.3.1 This system will be able to record the *Fakir Miskin* data accurately.

This system is used to store *Fakir Miskin* data safely. All the information about the time period and type of aid is located in the system so MAIM management will refer to the *Fakir Miskin* data through this system. Staff can insert all data and store it accurately.

1.3.2 This system will be able to upload the applicant image.

From this system user can insert the applicant information and then upload the applicant image. The applicant image is needed to store internally through this system for MAIM references.

1.3.3 This system will be able to generate a report.

This system will be able to generate a report according to *Fakir Miskin* information, Asnaf Category and Asnaf Age. The *Fakir Miskin* information report is kept in *Fakir Miskin* file as MAIM reference.

1.3.4 This system will be able to display *Fakir Miskin* name sort by an alphabetical order.

By providing a system that can show applicant name sort by an alphabetical order, staff can trace the applicant name either it is exist or not when staff enter an invalid identification card number.

1.4 Scope

The following lists are the scope for this system.

1.4.1 To print or generate a report about *Fakir Miskin* data.

Each *Fakir Miskin* data that has been inserting through this system is needed to print out and then the data will be kept in the *Fakir Miskin* file. The file that stored all the copy of applicant data is very important for MAIM as a reference.

1.4.2 To view applicant name that applied MAIM aid for each year.

There are many *Fakir Miskin* data will be stored in this system. The applicant name will be sort by an alphabetical order, so it is easier for staff to view and trace the applicant name.

1.4.3 To display and generate report.

From this system user or staff can view and generate a report about the applicant name based on the *Kategori Asnaf, Umur, Keturunan, Tarikh Siasat, Tarikh Tamat Bantuan*. So this system will generate and display an updated report.

1.4.4 The user for this system is only MAIM staff.

All data in this system are private and confidential, so only authorized MAIM staff and authenticated users are allowed to use this system. Staffs need to register to this system to get their own username and password.

1.5 Project Significant

Project Sistem Agihan Zakat is a project that can help MAIM manage all the Fakir Miskin information easily through this system. Every year there are many Fakir Miskin that applied MAIM aid so this system will provide a large data storage that can stored all the applicants' data. It will ease management department to search and to store applicant data. By using this system, it can enhance the service performance and applicants can receive their aid in shorter time. From the report that is provided in this system, MAIM management will know the number of *Fakir Miskin* that apply MAIM aid according to the family category, parliament and district.

1.6 Expected Output

The expected output of this system is to produce one WEB-based system that can store all applicants' data. Staffs can insert and update *Fakir Miskin* data easily. Staffs can also generate a report about *Fakir Miskin* data, view a report, do a query and view the entire *Fakir Miskin* name that exists in this system.

1.7 Conclusion

This chapter explains about the Project Background, Objective of Project, Scope of Project, Project Significant, and Expected Output. All about the system are pictured clearly on this chapter.

Chapter II will discuss on Project Methodology and The Literature Review.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

This second chapter focuses on previous system study as part of literature review and the project methodology used to develop this system. Understanding the previous or related system is very important to get an idea and to improve the existing system. In the meantime, project methodology is a guideline for developer to develop information technology project.

2.1 Introduction

This project is developed for Majlis Agama Islam Melaka (MAIM). All the Fakir Miskin data will be stored in this system. To get all the information to develop Sistem Agihan for MAIM, the resources include books (find more detailed sources), electronic media (internet), printed media (journals articles) and guidance from the lecturer will be referred as references. The literature study from the resources will give more references on doing a developing process of a new system.