

**SYSTEM MANAGEMENT AQIQAH AND QURBAN ONLINE
(SMAQO)**

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DECLARATION

I hereby declare that this project report entitled

SYSTEM MANAGEMENT AQIQAH AND QURBAN ONLINE (SMAQO)

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

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DEDICATION

To my beloved parents, Hazmi Bin Harun and Haizan Binti Ahad.

ACKNOWLEDGEMENT

“In the name of Allah, Most Gracious, Most Merciful”

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.

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Lastly, I also would like to thank to all my friends who had helped me to complete this project. Thank you so much for all of them who were involved in this project and their good deed will always remain in my memory forever.

ABSTRACT

System Management Aqiqah and Qurban Online (SMAQO) is the system which will implemented in the book livestock animal process. This system is purposely built to manage about the booking livestock animal to aqiqah and qurban. This system also provides user to update their booking details. Beside that these systems give a better security to the data stored in the system

ABSTRAK

System Management Aqiqah and Qurban Online (SMAQO) ialah sistem yang dilaksanakan untuk membuat tempahan haiwan ternakan seperti lembu dan kambing bagi tujuan aqiqah dan korban. Tujuan utama sistem ini dibuat ialah untuk memudahkan pelanggan mencari haiwan bagi tujuan aqiqah dan korban. Sistem ini juga membolehkan pengguna untuk mengemaskini maklumat tempahan. Selain itu sistem ini memberikan keselamatan yang lebih baik untuk data yang disimpan.

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LIST OF ABBREVIATIONS

Universiti Teknikal Malaysia Melaka	UTeM
System Management Aqiqah and Qurban Online	SMAQO
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

CHAPTER I

INTRODUCTION

1.1 Project Background

This system is built to give opportunity to anyone Muslims whether on personal name, family, mosque, organization or association to get livestock animal for do religious worship aqiqah and qurban. Nowadays the current system was manual system. This system delay consumer time to seek out livestock animal for do aqiqah and qurban. This system is purposely built to manage about the booking livestock animal to aqiqah and qurban and to overcome with the current system problem.

The system will be used by 2 kind of user which is administrator and customer, the administrator will manage the system user. To access into the system, user must login first. This is to make sure that only the authorized person is allow accessing the system. The administrator is a super user. Only administrator is allowed to remove user from the system. This is to make sure that only the trusted people can make the reservation and to accessing into the system.

Customer can register the competence by online. After the registration success, customer can login the system to booking the animal that they want. Customer also can view the slaughtering location like those listed especially in Raub, Pahang to make sure the customer can be comes to get the meat. Customer should bring receipt copy were printed through system to identify the legal customer.

1.2 Problem Statement

Current system to manage about aqiqah and qurban still in manual or use failing system in keeping data about livestock animal and the booking livestock animal. Rate of the paper increase because use form to key in all information. Besides that, if administrator want check the information by annual or monthly, he forced open files one by one. This would review work delay.

1.3 Objectives

- i. To make easy for Islamic people make religious worship aqiqah and qurban.
- ii. To make easy for Islamic people get the livestock animal.
- iii. To give a better security to the data stored in the system. With database management administrator on the lookout of data, and more securely safe software available in the market, data are hard to be missing or stolen.
- iv. To implement concept of paperless.
- v. To ensure all the item information is update. This will make the user easy to make booking.

1.4 Scopes

There are two scope for this system which are system scope and user scope.

User Scope

There are 2 user scopes:

- Customer
 - Customer use the system to fill up the form about their person information and booking livestock animal prepared for aqiqah and qurban.

- Administrator
 - Administrator manages the data accordingly, insert, update and delete customer information and livestock animal information.
 - Administrator verifies the customer booking.

System Scope

There are 7 system scopes for this system:

- Login
 - Users who have registered can use the all functions provided. If they have not yet registered, they can only see the background of this website and the latest information about this system only. To access this system, they should use this login module first. This is for the authorized user who accessing this system.

- Register
 - Customer registration online provided that customer fill the details information. The information will be record in database. Basic user information will be stored by the system to avoid any fraud occurred and to develop a system that is built.

Add, delete, update

- Admin can add, delete and update the lecturer information and schedule.
 - Lecture can update their information.
- Search
 - Admin can search the users who make the booking based on slaughtering location.
Example: Masjid Jamek Tersang
 - Generate report
 - All animal sales and not sales will be display in reports.

1.5 Project Signification

The significance of this project is to people that want to get a livestock animal for aqiqah and qurban. They will force to find a goat or cow farmers to get these animals. So, with this project, it will give benefits to users with make the users booking the livestock animal with more quick and easy without long time to find sheep or cow farmers. This project also can make user easy to booking livestock animal at anytime and everywhere using online.

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 develop and make simple and easily used by user. This project focuses to individuals or organizations who wish to get livestock animals to do aqiqah and qurban. It is important to always keep the secured information data from being stolen away by outside threat.

1.7 Conclusion

This project is about to manage service aqiqah and qurban. This system is built to give facility to Islamic people do religious worship. Besides that, with the system management aqiqah and qurban online, the customer only had to wish through booking system by the online. This system will lead to another evolution of IT in modern world. Therefore, it is important to always keep the secured information data from being stolen away by outside threat. The system will be user friendly, where the interface is easy to read and understand all helps and guides to use the system will be guided, and rest assured, because it is simple system but very fully functional and flawless.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

This chapter will describe about literature review and Project Methodology that related with System Management Aqiqah and Qurban Online. Literature review is an evaluation report of information found in the literature related to the selected area of study. The review should describe, summarize, evaluate and clarify the literature.

It is being conducted to give an idea on how to solve the problem that being identified previously and to find out the best solution in completing this project. Research that has been made will be discussed and comparison will be presented between existing system and the system that will be developed.

Methodology is a series of choices about what information and data to gather and choices about how to analyze the information and data gathered. Methodology consists of an approach to software development, a set of techniques and notations to structure the development process. There are several steps that have to be followed in order to complete this project. In case of that, Database Life Cycle (DBLC) methodology has been selected for this project.

2.2 Facts and Findings

This part of chapter is about facts and findings from the internet resources, articles, book and questioner. Furthermore, this chapter is more focused on the existing

current system and facts related to the approach in developing System Management Aqiqah and Qurban Online.

2.2.1 Domain

The domain of this project is more to manage about the booking livestock animal to aqiqah and qurban. This project is developing to improve current system.

2.2.2 Existing System

I. Case Study

There are no booking system is implemented for user booking livestock animal for aqiqah and qurban. Hence, the system that will be developed is to help user to make booking livestock animal and to manage about livestock animal.

Current system need user to find a goat or cow farmers to get livestock animals. This system delay consumer time to seek out livestock animal for do aqiqah and qurban

2.2.3 Technique

In order to gather the information about the requirements there are many different methods and techniques were used to gather data which related to System Management Aqiqah and Qurban Online. For this system, there are various techniques which used to collect data and information such as archival collection, documents, experiments or case study.

I. Interview

Interviews also have been made towards cow and sheep farmers and discussion about this project also has been made in order to gain requirement that needed to develop this project.

II. Observation

Some observation was carried out in order to find the real problem that facing by the customer to get livestock animal for do religious worship aqiqah and qurban.

2.3 Project Methodology

In this proposed system, Database Life Cycle (DBLC) is chosen as the database development life cycle. Besides to the Software Development Life Cycle (SDLC), the DBLC is iterative rather than sequential.

The database life cycle (DBLC) defines the stages involved in getting any type of database off the drawing board and up and running. In fact, the DBLC never ends because database monitoring, modification, and maintenance are part of the life cycle, and these activities continue long after a database has been implemented. Put simply, the DBLC encompasses the lifetime of the database. DBLC contains six (6) phases, which are; database initial study, database design, implementation and loading, testing and evaluation, operation, and maintenance and evaluation

For, software development methodology, Software Development Life Cycle (SDLC) is chosen for the System Management Aqiqah and Qurban Online. SDLC is a process by which system analyst, software engineers, programmers and end user build information system. Generally, it is divided into 4 phases – Planning, Analysis, Design and Implementation. These 4 phases will be completed in order to develop complete system System Management Aqiqah and Qurban Online.