

Universiti Teknologi MARA

**e-Activity Management System
(Student) for Faculty of Science Computer and
Mathematic (FSKM)**

Siti Nur Afifah Bt Ismail

**Thesis submitted in fulfillment of the requirements for
Bachelor of Science (Hons.) Netcentric Computing
Faculty of Computer and Mathematical Sciences**

January 2013

ACKNOWLEDGMENT

In the name of Allah, the Most Gracious and the Most Merciful.

Peace and blessings of Allah be upon Prophet Muhammad.

Most importantly, praise is to Allah, for giving me courage to accomplish my Research Project (CSP 650) report without many problems. Special thanks and appreciation is given to my supervisor, Miss Raihana Md Saidi, for her advice, criticism, guidance and brilliant ideas during the preparation of this study. A lot of thanks to my devoted lecturers for their encouragement and having belief in my potential in conducting this research. I also would like to express my gratitude to my beloved family for their encouragement, patient, support, financial support and sacrifice they have given me during the course of project. Finally, I would like to express my gratitude to all my friends who had been supporting me from the beginning of my project report. Only Allah S.W.T can repay of your kindness.

Thank you.

ABSTRACT

There are many systems and application has been migrated to the web-based in the world nowadays. At the current system, the entire documents to apply an activity are done by manual. But, when using manual system, it is difficult to manage all the documents and details. The purpose this project is to help the student of FSKM to apply an activity in more proper and systematic way. This project proposed to design and develop the e-activity management system for FSKM. Using this system, students in FSKM can get information about all the activity in FSKM. The system architectures that are used to develop this system are DBTools Manager Professionals, XAMPP Server and PHP. This system will be access with web browser like Mozilla Firefox and managed by the administrator or the staffs. This system will reduce time to manage the component and prevent form data lost.

TABLE OF CONTENT

CONTENTS	PAGE
APPROVAL	ii
DECLARATION	iii
ACKNOWLEDGMENT	iv
ABSTRACT	v
TABLE OF CONTENT	vi
LIST OF FIGURE	viii
LIST OF TABLE	ix
CHAPTER 1	1
INTRODUCTION	1
1.0 Introduction	1
1.1 Project Background	1
1.2 Problem statement	2
1.3 Objective	2
1.4 Project Scope	3
1.4.1 System	3
1.4.2 Research area	3
1.4.3 Respondents	3
1.5 Project significant	3
CHAPTER 2	4
LITERATURE REVIEW	4
2.0 Introduction	4
2.1 Web-Based Application	4
2.1.1 Web application architecture view	4
2.1.1 Logical view	5
2.1.1.2 The development view	6
2.1.1.3 Physical view	7
2.1.1.4 The Process View	8
2.2 Web Based Tools	8
2.2.1 mySQL	8
2.2.2 CakePhp as framework	9
2.2.3 PHP language	10
2.4 Related works	10

CHAPTER 1

INTRODUCTION

1.0 Introduction

This chapter provides the overview of the research. It mainly discusses about the project background, the problem statement, the objectives, the scope and also the significant.

1.1 Project Background

Nowadays, people like to use web based system because web based applications have evolved significantly over recent years and with improvements in security and technology there are plenty of scenarios. All the traditional software based applications and systems could be improved by migrating them to a web based application. Currently, the faculty of Computer and Mathematical Science are using manually to apply an application of doing an activity. The e-Activity Management System idea is to develop a web based system that will replace the current system to make it more organize and easy to apply.