

UNIVERSITI TEKNOLOGI MARA

**ONLINE EVENT MANAGEMENT SYSTEM MVT
ARCHITECTURE**

AIN SYAHEERA BT ABD RAHMAN

**BACHELOR OF SCIENCE (Hons.)
INFORMATION TECHNOLOGY**

JULY 2020

STUDENT DECLARATION

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

.....

AIN SYAHEERA BT ABD RAHMAN

2017668806

July 17, 2020

ABSTRACT

Event is the application of project management to the creation and development of large or small scale events such as festivals, conferences, ceremonies, formal parties, concerts, or conventions. Considering the existing system problems related to event management, this project propose to develop web application for event management system for education institution. The application will be developed using MVT architecture where a simple project structure is enough to create a single page application. Application will have easy and feasible GUI for all type of users. This project present web application to make it easier for a non-professional to manage an event. This application will assist event managers in planning a successful event. This system allow them to register on the application for an event. It provides most of the basic functionality required to manage an event such as seminar and conference.

Table of Contents

SUPERVISOR’S APPROVAL	ii
STUDENT DECLARATION.....	iii
ABSTRACT	iv
ACKNOWLEDGEMENT.....	v
LIST OF FIGURES	v
LIST OF TABLES	vii
CHAPTER 1 INTRODUCTION	1
1.1 Background of Study	1
1.2 Problem Statement.....	3
1.3 Objective.....	4
1.4 Project Scope	5
1.5 Project Significant.....	5
1.6 Summary.....	6
CHAPTER 2 LITERATURE REVIEW	7
2.1 Event Management System	7
2.1.1 Benefits of Event Management System.....	8
2.1.2 Structure of Event Management Team	8
2.1.3 Process of Managing the Event.....	9
2.2 Current Methods	11
2.2.1 System Modelling Tool.....	11
2.2.2 Current Development Trend	12
2.2.3 Web Application Programming Language	15
2.2.4 Web Application Testing	17
2.3 Related Works.....	18
2.4 Summary	26
CHAPTER 3 RESEARCH METHODOLOGY	27
3.1 Introduction.....	27
3.2 Development Model	28

3.3	Project Phases	28
3.3.1	System Analysis.....	31
3.3.2	System Design	33
3.3.3	System Implementation	35
3.3.4	System Testing and Evaluation.....	36
3.4	Summary.....	37
CHAPTER 4 CONSTRUCTION		38
4.1	Functional and Non-functional Requirements.....	38
4.1.1	Functional Requirement.....	38
4.1.2	Non-functional Requirements.....	39
4.2	Hardware and Software Requirements	39
4.2.1	Hardware Requirement	40
4.2.2	Software Requirement	41
4.3	Design.....	41
4.3.1	Unified Modelling Language (UML)	42
4.3.2	Entity Relationship Diagram (ERD).....	43
4.3.3	User Interface Design (UID).....	43
4.4	Database Design	47
4.4.1	Database Structure	47
4.4.2	Table	48
4.5	Prototype.....	51
4.5.1	Login.....	52
4.5.2	Attend event.....	53
4.5.3	Evaluate event.....	53
4.5.4	Certificate event.....	Error! Bookmark not defined.
CHAPTER 5.....		56
5.1	Testing	56
5.1.1	Unit Testing	Error! Bookmark not defined.
5.1.2	Integration testing	Error! Bookmark not defined.
5.1.3	System testing.....	56
CHAPTER 6 CONCLUSION.....		64
6.1	System Strength	64
6.2	System Limitations	65
6.3	Problems faced.....	66