

**Universiti Teknologi MARA**

**Development of Volunteer Service  
System Using Mobile Application with  
Notification Features**

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for  
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## **STUDENT'S DECLARATION**

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

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## ABSTRACT

Volunteer Service System (VSS) is a mobile application that have been developed to help volunteers in Kelantan in finding volunteer service and also as a platform for volunteer organization to handle and manage their volunteer service. Nowadays volunteer service is an important value for the communities because it help communities to make their relationship to be stronger. VSS be developed to cater a problem that face by volunteers and organization. Based on survey and interview with stakeholder which is The 3<sup>rd</sup> Force, there are five problem that faced by organization and volunteers. The problem faced by organization are difficult to find volunteers cause by not many platform that can be used, they do not know how many volunteers are willing to join their event and time consuming to find volunteers. While the problem faced by volunteers are insufficient information about volunteer service that they can read and don't know where to find volunteer service because of not many platform can be used. As a guidelines for development of the system, it will follow a methodology which is Mobile Application Development Lifecycle (MADLC). MADLC consist six phases which is requirement identification, design, development, prototyping, testing and maintenance. However only three phases are be choose which is identification, design and development. Every phases have its own activities and the activities be followed to achieve the project objectives. As a result after every activities in every phases have been done, an application name as "Volunteer Service "was developed together with Software Requirement Specification (SRS) and Software Design Document (SDD). Last but not least, for the future work, this system will be improved more based on recommendation that have been discussed.

## TABLE OF CONTENT

<b>CONTENTS</b>	<b>PAGE</b>
<b>SUPERVISOR'S APPROVAL</b>	<b>ii</b>
<b>STUDENT'S DECLARATION</b>	<b>iii</b>
<b>ACKNOWLEDGEMENT</b>	<b>iv</b>
<b>ABSTRACT</b>	<b>v</b>
<b>TABLE OF CONTENT</b>	<b>vi</b>
<b>LIST OF FIGURES</b>	<b>ix</b>
<b>LIST OF TABLES</b>	<b>x</b>
<b>LIST OF ABBREVIATIONS</b>	<b>xi</b>
<b>CHAPTER ONE: INTRODUCTION</b>	<b>1</b>
1.1 Background of Study	1
1.2 Problem Statement	3
1.3 Research Aim	4
1.4 Research Objectives	4
1.5 Research Scope	4
1.6 Research Significance	4
1.7 Limitation	5
1.8 Summary	5
<b>CHAPTER TWO: LITERATURE REVIEW</b>	<b>6</b>
2.1 Overview of Volunteer Service	6
2.1.1 Definition of Volunteer Service	6
2.1.2 Existing System for Volunteer Service	7
2.2 Overview of Mobile Application	10
2.2.1 Definition of Mobile Application	11

2.2.2	Features in Mobile Application	11
2.2.3	Mobile Platform	14
2.2.4	Mobile Application Development Techniques	18
2.2.5	Methodology	21
2.3	Overview of Notification Features	25
2.3.1	Push Notification	25
2.3.2	In-App Message	26
2.3.3	SMS Notification	27
2.3.4	Existing System of Notification Features	28
2.4	Discussion	30
2.5	Summary	31
<b>CHAPTER THREE: METHODOLOGY</b>		<b>32</b>
3.1	Mobile Development Life Cycle (MADLC)	32
3.2	MADLC Phases	33
3.3	Requirement Identification Phase	34
3.3.1	Do research on existing system of volunteer service in order to gather requirement	34
3.3.2	Prepare a set of questionnaires and distribute it to general people	34
3.3.3	Conduct interview with stakeholders for requirement gathering	35
3.3.4	Analyze the requirements	35
3.3.5	Document the requirement	36
3.4	Design Phase	36
3.4.1	Review the requirement	36
3.4.2	Design the diagram	36
3.4.3	Design the architecture	36
3.4.4	Document the design	37
3.5	Development Phase	37