UNIVERSITI TEKNOLOGI MARA

WEB-BASED PATIENT MANAGEMENT SYSTEM

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STUDENT DECLARATION

I verify 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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Web-based Patient Management System (WBPMS) is a research and development project for the development of a patient management system for Klinik Kesihatan Merlimau (KKM). This web-based system aims in helping in managing KKM’s patients’ registration and health record. Furthermore, it also helps in setting up and managing patients’ future appointments with their respective health provider. The main drive for this project is that KKM still uses traditional file-based system that reduce the efficiency of the staffs working there due to time consumption of searching of the records, other than possible of data redundancy. There are a few methodologies that had been compared in order to guide this project. And one of it had been chosen, that is waterfall methodology due to its suitability with the environment of the developer had been working in and the nature of this project area. This methodology consists of five phases but had been reduced to four due to time constraint. Those phases that was included here is project planning, analysis, design and implementation. Documents such as System Requirement Specification (SRS) and System Design Document (SDD) were produce together with this report to explain more on the results of needs and requirements’ analysis and the design based on the analysis that had been made. WBPMS had been successfully developed as a result of this project.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CONTENT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPERVISOR APPROVAL</td>
<td>II</td>
</tr>
<tr>
<td>STUDENT DECLARATION</td>
<td>III</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td>IV</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>V</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td>VI</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>IX</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td>XI</td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td>XII</td>
</tr>
</tbody>
</table>

## CHAPTER ONE: INTRODUCTION

1.1 Background of Study                              | 1
1.2 Problem Statement                                | 4
1.3 Project Aim                                      | 5
1.4 Project Objectives                               | 5
1.5 Project Scope                                    | 5
1.6 Project Significance                             | 5
1.7 Definitions of Terms                             | 6
1.8 Project Outline of the Thesis                    | 6

## CHAPTER TWO: LITERATURE REVIEW

2.1 Information System (IS) in Medical Field         | 8
2.1.1 Health Information Technology (HIT)            | 8
2.1.2 Benefits of Using Electronic Medical Records (EMR) | 9
2.1.3 Obstacles and Solutions to Implementing EMR to Developing Countries | 11
2.2 Related Works                                    | 13