BORANG PENGESAHAN STATUS TESIS

JUDUL: CENTRALIZED CHILDCARE CENTRE SYSTEM IN MALACCA

SESION PENGAJIAN: 2007 / 2008

Saya NOORAZREEN BINTI NORDIN

(HURUF BESAR)

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CENTRALIZED CHILDCARE CENTRE SYSTEM IN MALACCA

NOORAZREEN BINTI NORDIN

This report is submitted in partial fulfillment of the requirements for the Bachelor of Computer Science (Software Development)

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
2008
DECLARATION

I hereby declare that this project report entitled

CENTRALIZED CHILDCARE CENTRE SYSTEM IN MALACCA

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

STUDENT : ___________________________ Date : 30/04/2008
(NOORAZREEN BINTI NORDIN)

SUPERVISOR : ___________________________ Date : 30/04/2008
(NOR MAS AINA BINTI MD. BOHARI)
DEDICATION

To my beloved parent.....
ACKNOWLEDGEMENTS

All praises to Allah S.W.T because of His willing I am able to successfully complete PSM I within two months in this short semester. Although there is a lot of challenge during the PSM I and PSM II but it can be solved with help and support from my supervisor Ms. Nor Mas Aina Bt. Md Bohari who always guide me when I have problem and willing to answer all my question and messages whether she was busy with her own duty. Thank you for helping me.

An infinity thanks to my beloved parents who have been giving me prayers, support and motivation throughout my project.

I also appreciate all my friends and other parties that have been helping me to complete the PSM I and PSM II. I cannot imagine what the process would have been like without their enthusiasm, patience and hardwork. God bless you.
ABSTRACT

Centralized Childcare Centre System in Malacca (3 C’s System in Malacca) has been chosen as a project for Projek Sarjana Muda. This system focused for the usage of general users such as parents and also the childcare centre in Malacca. The system allowed the parents to search for information related to childcare centre according to certain criteria such as location and fees of the childcare centre. Besides that, the system also allows the childcare centre to register with Persatuan Tadika Melaka. The system required the childcare centre to add detail information on the location, fees, teaching method provided, activities and services provided as to display to the users. The system was developed by using Microsoft Visual Studio .Net 2003 and Microsoft SQL Server 2000 as a database. In the thesis, there is also thorough description on the phases used in the 3 C’s System in Malacca project. Besides that, the requirement for the system and users for the development of the project also have been described in the thesis. It is hoped that this project will be developed successfully and used effectively.
ABSTRAK

# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>SUBJECT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECLARATION</td>
<td></td>
<td>ii</td>
</tr>
<tr>
<td>DEDICATION</td>
<td></td>
<td>iii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENTS</td>
<td></td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td></td>
<td>v</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td></td>
<td>vi</td>
</tr>
<tr>
<td>TABLE OF CONTENT</td>
<td></td>
<td>vii</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td></td>
<td>xi</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td></td>
<td>xiii</td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td></td>
<td>xv</td>
</tr>
</tbody>
</table>

## CHAPTER I  INTRODUCTION
1.1 Project Background  1  
1.2 Problem Statement(s)  2  
1.3 Objective  3  
1.4 Scope  4  
1.4.1 User  4  
1.4.2 Module  5  
1.4.3 Platform  6  
1.5 Project Significance  6  
1.6 Expected Output  7  
1.7 Conclusion  7  

## CHAPTER II  LITERATURE REVIEW AND PROJECT METHODOLOGY
2.1 Introduction  9  
2.2 Facts and Findings  10  
2.2.1 Domain  10  
2.2.2 Existing System  11  
2.2.2.1 Case Study 1  11  
2.2.2.2 Case Study 2  12  
2.2.2.3 Case Study 3  13  
2.2.2.4 Summary of Case Study  14  
2.2.3 Technique  14  
2.3 Project Methodology  15  
2.4 Project Requirements  17
2.4.1 Software Requirement 17
2.4.2 Hardware Requirement 19
2.4.3 Other Requirement 19
2.5 Project Schedule and Milestones 19
2.6 Conclusion 21

CHAPTER III ANALYSIS
3.1 Introduction 22
3.2 Problem Analysis 23
3.2.1 Current System Background 23
3.2.2 Use Case Diagram for Current System 24
3.2.3 Activity Diagram for Current System 25
3.3 Requirement Analysis 29
3.3.1 Data Requirement 29
3.3.2 Functional Requirement 31
3.3.2.1 Use Case Diagram 34
3.3.2.2 Activity Diagram 35
3.3.2.3 Use Case Specification 36
3.3.2.4 Sequence Diagram 37
3.3.2.5 Class Diagram 39
3.3.3 Non-Functional Requirement 41
3.3.4 Others Requirement 42
3.4 Conclusion 44

CHAPTER IV DESIGN
4.1 Introduction 45
4.2 High-Level Design 46
4.2.1 System Architecture 46
4.2.2 User Interface Design 48
4.2.2.1 Navigation Design 48
4.2.2.2 Input Design 49
4.2.2.3 Output Design 64
4.2.3 Database Design 78
4.2.3.1 Conceptual and Logical Database Design 79
4.3 Detailed Design 81
4.3.1 Software Specification 81
4.3.2 Physical Database Design 81
4.4 Conclusion 82

CHAPTER V IMPLEMENTATION
5.1 Introduction 83
5.2 Software Development Environment Setup 84
5.2.1 Software Setup 85
CHAPTER VI  TESTING

6.1 Introduction

6.2 Test Plan

6.3 Test Strategy

6.4 Test Design

6.5 Test Results and Analysis

6.6 Conclusion

CHAPTER VII PROJECT CONCLUSION

7.1 Observation on Weaknesses and Strengths

7.2 Proposition for Improvement

7.3 Contribution

7.4 Conclusion
REFERENCES  119
BIBLIOGRAPHY  120
APPENDICES  121
# LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Modules of 3C’s System in Malacca</td>
<td>5</td>
</tr>
<tr>
<td>2.1</td>
<td>Comparison of Case Study</td>
<td>14</td>
</tr>
<tr>
<td>2.2</td>
<td>Software Requirement for Centralized</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Childcare Centre System in Malacca</td>
<td></td>
</tr>
<tr>
<td>3.1</td>
<td>Data Requirement for User Registration</td>
<td>29</td>
</tr>
<tr>
<td>3.2</td>
<td>Data Requirement for Childcare Centre</td>
<td>30</td>
</tr>
<tr>
<td>3.3</td>
<td>Functional Requirement for 3C’s System in Malacca</td>
<td>31</td>
</tr>
<tr>
<td>3.4</td>
<td>List of the System Requirement</td>
<td>42</td>
</tr>
<tr>
<td>4.1</td>
<td>User Authentication Input Design</td>
<td>50</td>
</tr>
<tr>
<td>4.2</td>
<td>Childcare Centre Authentication Input Design</td>
<td>51</td>
</tr>
<tr>
<td>4.3</td>
<td>Search and Display a Suitable Childcare Centre Input Design</td>
<td>52</td>
</tr>
<tr>
<td>4.4</td>
<td>Advanced Search and Display a Suitable Childcare Centre Input Design</td>
<td>53</td>
</tr>
<tr>
<td>4.5</td>
<td>New Childcare Centre Registration Input Design</td>
<td>55</td>
</tr>
<tr>
<td>4.6</td>
<td>Check Status Registration Input Design</td>
<td>56</td>
</tr>
<tr>
<td>4.7</td>
<td>Set Up New Password Input Design</td>
<td>56</td>
</tr>
<tr>
<td>4.8</td>
<td>Add New Promotion Input Design</td>
<td>57</td>
</tr>
<tr>
<td>4.9</td>
<td>Update Promotion Info Input Design</td>
<td>58</td>
</tr>
<tr>
<td>4.10</td>
<td>Update Childcare Centre Profile Input Design</td>
<td>59</td>
</tr>
<tr>
<td>4.11</td>
<td>Add New Childcare Centre Input Design</td>
<td>61</td>
</tr>
<tr>
<td>4.12</td>
<td>Add Promotion Childcare Centre Input Design</td>
<td>62</td>
</tr>
<tr>
<td>4.13</td>
<td>Parent Discussion Input Design</td>
<td>63</td>
</tr>
<tr>
<td>4.14</td>
<td>Reply Parent Discussion Input Design</td>
<td>64</td>
</tr>
<tr>
<td>4.15</td>
<td>Data Dictionary for 3C’s System in Malacca</td>
<td>80</td>
</tr>
<tr>
<td>5.1</td>
<td>Hardware for implement 3 C’s System in Malacca</td>
<td>86</td>
</tr>
<tr>
<td>5.2</td>
<td>Version Control Procedure for 3 C’s System in Malacca</td>
<td>89</td>
</tr>
<tr>
<td>5.3</td>
<td>Implementation Status for 3 C’s System in Malacca</td>
<td>90</td>
</tr>
<tr>
<td>6.1</td>
<td>PC and Software Specification</td>
<td>93</td>
</tr>
<tr>
<td>6.2</td>
<td>Test Schedule</td>
<td>94</td>
</tr>
<tr>
<td>6.3</td>
<td>Test Description and Test Data</td>
<td>98</td>
</tr>
</tbody>
</table>
6.4 Acceptance Test for Authentication 103
6.5 Test Case Result in User Authentication 103
6.6 Test Case Result in Add New Childcare Centre 105
6.7 Test Case Result in Add Promotion 105
6.8 Test Case Result in Delete Childcare Centre 106
6.9 Test Case Result in Approval Form 107
6.10 Test Case Result in Reports 107
6.11 Test Case Result in View Statistic 108
6.12 Test Case Result in View Childcare Centre 109
6.13 Test Case Result in Check Status Registration 109
6.14 Test Case Result in Admin Set Up New Password 110
6.15 Test Case Result in Update Promotion 111
6.16 Test Case Result in Update Profile 111
6.17 Test Case Result in View Childcare Centre Profile 112
6.18 Test Case Result in Search Childcare Centre 113
6.19 Test Case Result in Parent Discussion 114
# LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Use Case Diagram of Current System</td>
<td>24</td>
</tr>
<tr>
<td>3.2</td>
<td>Activity Diagram of Search for Childcare Centre Information</td>
<td>25</td>
</tr>
<tr>
<td>3.3</td>
<td>Activity Diagram of Make a Promotion</td>
<td>26</td>
</tr>
<tr>
<td>3.4</td>
<td>Activity Diagram of Update Promotion Info</td>
<td>27</td>
</tr>
<tr>
<td>3.5</td>
<td>Activity Diagram of Register Childcare Centre with PTM</td>
<td>28</td>
</tr>
<tr>
<td>3.6</td>
<td>Use Case Diagram of Centralized Childcare Centre System in Malacca</td>
<td>34</td>
</tr>
<tr>
<td>3.7</td>
<td>Activity Diagram of Search and Display for Suitable Childcare Centre</td>
<td>35</td>
</tr>
<tr>
<td>3.8</td>
<td>Sequence Diagram of Basic Flow for Search and Display for Suitable Childcare Centre</td>
<td>38</td>
</tr>
<tr>
<td>3.9</td>
<td>Sequence Diagram of Exception Flow for Search and Display for Suitable Childcare Centre</td>
<td>39</td>
</tr>
<tr>
<td>3.10</td>
<td>Class Diagram for Centralized Childcare Centre System in Malacca</td>
<td>40</td>
</tr>
<tr>
<td>4.1</td>
<td>System Architecture for Centralized Childcare Centre System in Malacca</td>
<td>47</td>
</tr>
<tr>
<td>4.2</td>
<td>Navigation Flow of Centralized Childcare Centre System in Malacca</td>
<td>49</td>
</tr>
<tr>
<td>4.3</td>
<td>Interface User Authentication</td>
<td>50</td>
</tr>
<tr>
<td>4.4</td>
<td>Interface Childcare Centre Authentication</td>
<td>51</td>
</tr>
<tr>
<td>4.5</td>
<td>Interface Search and Display a Suitable Childcare Centre</td>
<td>52</td>
</tr>
<tr>
<td>4.6</td>
<td>Interface Advanced Search and Display a Suitable Childcare Centre</td>
<td>53</td>
</tr>
<tr>
<td>4.7</td>
<td>Interface New Childcare Centre Registration</td>
<td>54</td>
</tr>
<tr>
<td>4.8</td>
<td>Interface Check Status Registration</td>
<td>55</td>
</tr>
<tr>
<td>4.9</td>
<td>Interface Set Up New Password</td>
<td>56</td>
</tr>
<tr>
<td>4.10</td>
<td>Interface Add New Promotion</td>
<td>57</td>
</tr>
<tr>
<td>4.11</td>
<td>Interface Update Promotion Info</td>
<td>58</td>
</tr>
<tr>
<td>4.12</td>
<td>Interface Update Childcare Centre Profile</td>
<td>59</td>
</tr>
<tr>
<td>4.13</td>
<td>Interface Add New Childcare Centre</td>
<td>60</td>
</tr>
<tr>
<td>4.14</td>
<td>Interface Add Promotion Childcare Centre</td>
<td>61</td>
</tr>
</tbody>
</table>
4.15 Interface Parent Discussion 62
4.16 Interface Reply Parent Discussion 63
4.17 Interface Home 64
4.18 Interface Success for New Childcare Centre Registration 65
4.19 Interface Childcare Centre Menu 65
4.20 Interface View Childcare Centre Promotion 66
4.21 Interface View Childcare Centre Profile 67
4.22 Interface Administrator Main Menu 68
4.23 Interface Statistic of Childcare Centre 68
4.24 Interface Delete Record 69
4.25 Interface View Childcare Centre 70
4.26 Interface Childcare Centre Verification 71
4.27 Interface Menu Report 71
4.28 Interface View Report 72
4.29 Interface Reject Status of Childcare Centre 73
4.30 Interface Display Detail Childcare Centre 74
4.31 Interface Childcare Centre Information 75
4.32 Interface Parent Discussion 75
4.33 Interface Manual System for Parent 76
4.34 Interface Invalid User Authentication 77
4.35 Message Box Invalid Input 77
4.36 Message Box Incomplete User Input 78
4.37 Entity Relationship Diagram of 3C’s System in Malacca 79
5.1 Three-Tier Architecture 3 C’s System in Malacca 84
5.2 SQL Server Service Manager 87
5.3 The coding to connect the system with the database 87
# LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBA</td>
<td>Database Administrator</td>
</tr>
<tr>
<td>DBMS</td>
<td>Database Management System</td>
</tr>
<tr>
<td>ERD</td>
<td>Entity Relationship Diagram</td>
</tr>
<tr>
<td>GUI</td>
<td>Graphical User Interface</td>
</tr>
<tr>
<td>ICT</td>
<td>Information and Communication Technology</td>
</tr>
<tr>
<td>NA</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>OOAD</td>
<td>Object Oriented Analysis and Design</td>
</tr>
<tr>
<td>PSM</td>
<td>Projek Sarjana Muda</td>
</tr>
<tr>
<td>PTM</td>
<td>Persatuan Tadika Melaka</td>
</tr>
<tr>
<td>SQL</td>
<td>Structured Query Language</td>
</tr>
<tr>
<td>UML</td>
<td>Unified Modeling Language</td>
</tr>
<tr>
<td>3C's System in Malacca</td>
<td>Centralized Childcare Centre System in Malacca</td>
</tr>
</tbody>
</table>
CHAPTER I

INTRODUCTION

1.1 Project Background

Centralized Childcare Centre System in Malacca (3C’s System in Malacca) is a system that provides a guidance to parent in choosing the right and suitable childcare centre for their kids with easy way. As childcare centre is one of the important in education, this system is suitable for parent as guidance or alternative in making a decision with more convenient.

3C’s System in Malacca provides a promotion services to childcare centre around Malacca to promote their centre to the public especially parents with child age 5 month to 6 years. The childcare centre only have to enter their information on the services that they provided such as method of teaching, fees, location and other special promotion for attract parent to choose their childcare centre.

3C’s System in Malacca also provided services to Persatuan Tadika Melaka (PTM) to monitor all activities on every registered childcare centre. PTM can add new childcare centre information or delete the record. For the new childcare centre registration, the application must be approved by the PTM first before allowed to use the system.
Furthermore, with nine functions which is consists of New Childcare Centre Registration, Add and Update Promotion Info, Check Status Registration, User Authentication, Verify for New Childcare Centre Application, Add or Delete Childcare Centre Record, Produce Report, Parent Discussion and Search and Display Result for Suitable Childcare Centre as a complete references. They no need to refer it with difficult way because 3C’s System in Malacca is completely enough to be guidance for them with perfect information of the nine functions that stated as above.

Although it still new to the user, it will be one of the requirement when 3C’s System in Malacca become one of utility in the Internet. It is no doubt that this system also will be one of the important help systems to the parents and the childcare centre itself.

1.2 Problem Statement

In developing a system, there are always a certain problems that must be acknowledged by the System Analyst of the system. The problems in current system must be identified by the System Analyst thoroughly and solutions for it must be identified. In the current system, there are few problems that have been identified. Among them are:

1. There is no current system that provides guidance for parent using on internet in Malacca.
2. Too much time taken to choose the suitable childcare centre for their kids based on several criteria that are location, budget and method of teaching. Parent have to go to every childcare centre that their needed for getting the detail information.
3. It is very difficult to get the information about childcare centre that fulfills the parent requirement. The parent did not have an efficient reference in choosing the suitable childcare centre for their kids.
4. It is very difficult for parent to make a comparison based on brochure given.
5. It is very hard to know about the location of new establish childcare centre in the area.
6. Childcare centre can only promote around their area by distributing brochures to every house and hang banner.
7. It is very hard for PTM to know each activity on the childcare centre in Malacca.

3C's System in Malacca will be developed as an easy method to overcome all the problems with the perfect combination of the functions that is New Childcare Centre Registration, Add and Update Promotion Info, Check Status Registration, User Authentication, Verify for New Childcare Centre Application, Add or Delete Childcare Centre Record, Produce Report, Parent Discussion and Search and Display Result for Suitable Childcare Centre.

1.3 Objective

The main objective of this project is to develop 3C’s System in Malacca that can be as guidance. The main objectives to achieve are:

1. To develop a computerized system that can helps a parent to search for suitable childcare centre according to location, fees and methods of teaching.
2. To provide a simple application for parent in getting detail information about the childcare centre.
3. To help promote the childcare centre participating in the system as an alternative system instead of referring through media advertisement, banner, brochure etc.
4. To manage the childcare centre information consistently.
5. To produce a report for PTM in getting detail information and also to make a comparison for all the childcare centre in Malacca.

1.4 Scope

The scope for this system is divided into three categories which is user, modules and platform.

1.4.1 Scope of System Users

This system consists of three users which is Parent, Childcare Centre Staff and PTM Staff.

i) Parent can enter the criteria needed on the childcare centre such as location, fees and method of teaching. The system will display the suitable childcare centre with the parent requirement.

ii) Childcare Centre Staff can enter and update information about benefits that they offered, exact location, fees, methods of teaching and other special promotion. The childcare centre must be registered before using this system.

iii) PTM Staff will check the new registered childcare centre application and verify the information before approve it. PTM Staff can add or delete childcare centre record. They also can produce a report in getting the detail information about the childcare centre in Malacca.
1.4.2 Scope of System Modules

3C’s System in Malacca consists of nine functions that will be illustrated in Table 1.1.

Table 1.1: Modules of 3C’s System in Malacca

<table>
<thead>
<tr>
<th>Name of Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Childcare Centre Registration</td>
<td>Childcare centre registration can be made by inserting necessary information such as name, location, contact number and owner name.</td>
</tr>
<tr>
<td>Add and Update Promotion Info</td>
<td>Childcare centre staff has to insert childcare centre information such as location, fees and method of teaching, benefits that they offered and other special promotion that will displayed to the user. Childcare centre staff can update their displayed promotion information on the system.</td>
</tr>
<tr>
<td>Check Status Registration</td>
<td>New childcare centre that has been registered with the system has to check their application either approves or not. New childcare centre staff will check the status using the license no.</td>
</tr>
<tr>
<td>User Authentication</td>
<td>Childcare Centre Staff and PTM Staff must enter their registration id and password. If the id or password is incorrect, they must re-enter the correct id or password.</td>
</tr>
<tr>
<td>Verify for New Childcare Centre Application</td>
<td>PTM Staff will verify the application from new childcare centre either approved or decline.</td>
</tr>
<tr>
<td>Add or Delete Childcare Centre Record</td>
<td>PTM Staff can insert new childcare centre information such as location, fees and others or delete the childcare centre record. PTM Staff also can view all the detail childcare centre information.</td>
</tr>
<tr>
<td>Produce Report</td>
<td>PTM Staff can generate a report for the entire childcare centre registered.</td>
</tr>
<tr>
<td>Parent Discussion</td>
<td>Parent can add new discussion and view all the discussion from the others parent.</td>
</tr>
<tr>
<td>-------------------</td>
<td>---------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Display Result for Suitable Childcare Centre</td>
<td>Parent will get a result on the suitable childcare centre according to their requirements.</td>
</tr>
</tbody>
</table>

1.4.3 Scope of System Technologies

ii) ASP.Net
iii) Microsoft SQL Server 2000
iv) Internet Information System

1.5 Project Significance

The significant of this system is it can help parents in choosing the right and suitable childcare centre for their kids around the Malacca. It eases user in getting detail information about the childcare centre. The system also can decrease the time in choosing the suitable childcare centre for their kids based on several criteria. Through this system, parent does not have go to every childcare centre that their needed for getting the detail information. This system also gives benefit to the childcare centre that has participated with this system. Besides that, the childcare centre also can promote the services that they offer to user such as location, fees, method of teaching and other special promotion. The system can also help parents to compare a few childcare centres according to the desired services wanted by the parents. It is also a user-friendly system that enables all types of users to use it.

Generally the system can bring some changes to the parent in making a decision to choose a right childcare centre for their kids.
1.6 Expected Output

From this 3C’s System in Malacca, parents only have to enter the criteria that they want such as fees and location of the childcare centre. From the information provided by the parents, the system will display the childcare center’s information that is compatible with parents’ requirements. Besides that, the system can also help the parents to make the right choices in choosing the childcare centre for their child.

The system will help the childcare centre to promote the services that they provided. The childcare centres only have to register with the system before using the system. With the system, the childcare centre must enter all the necessary information on the services that they provided such as fees, location and also method of teaching and other information. With all the information, it will help the parents to make a right choice in choosing a childcare centre for their child.

Besides that, the system wills also the latest information on the childcare centre that is enrolled with the system as the childcare centre administrator can update on the information being displayed. As for the new childcare centre, the system also enables registration function. The system administrator will verify each application before approving it. And this will enables the parents to know about a new childcare centre around their area.

1.7 Conclusion

As for conclusion, 3C’s System in Malacca are hoped to be implemented successfully. It also hoped can give ease of use to the parent as long as they need it as guidance. The used of this system hopes can give an advantages and convenience for those who not only parent but also to the other public user. It also hoped to encourage them in using the ICT.
In developing a new system, System Analyst must be identified the problem statement that has been occur in the current system. The objective also plays an important role to resolve the existing problem. Scope will be determined according to the user requirement that consists of user, module and platform.

The next chapter will be discussing about the technique of facts and findings that will be used for develop the system. The Project methodology, project requirement and project schedule and milestones will be described in detail for the next chapter.