FOREIGN WORKER AGENCY INFORMATION SYSTEM

JUNENIKA BTE MAHARJUAI

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

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
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DECLARATION

I hereby declare that this project report entitled
FOREIGN WORKER AGENCY INFORMATION SYSTEM

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

STUDENT : ____________________________ Date: __02/04/08__
(JUNENIKA BTE MAHARJUAI)

SUPERVISOR : ____________________________ Date: __02/05/08__
(EN.MOHD FADZIL ZULKIFLI)
DEDICATION

To my beloved parent, my supportive supervisor, Mr. Mohd Fadzil Zulkifli and to all my friend thank you that has given me moral support and encouragement throughout this project. Without all of them I mentioned, I would not be able to undergo my PSM successfully.
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With the helps from above, I managed to accomplish the project successfully.

Thank you.
ABSTRACT

Foreign Worker Agency Information System (FWAIS) is a project to help employer in hiring foreign worker as an employee. This project will be developed using MySQL as the database, Apache HTTP as the server and PHP MyAdmin as the server side scripting language. The literature review is used as a guide to find what the problem in the current system. Besides that, the methodology that used to develop this system is Object Oriented Analysis Design (OOAD) and Database Lifecycle (DBLC). The target user of this system is for foreign worker agency and also to employer and the main objective of this project is to help employer to make application through online application.
ABSTRAK

# TABLE OF CONTENT

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>SUBJECT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECLARATION</td>
<td>ii</td>
<td></td>
</tr>
<tr>
<td>DEDICATION</td>
<td>iii</td>
<td></td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td>iv</td>
<td></td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>v</td>
<td></td>
</tr>
<tr>
<td>ABSTRAK</td>
<td>vi</td>
<td></td>
</tr>
<tr>
<td>TABLE OF CONTENT</td>
<td>vii</td>
<td></td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td>xi</td>
<td></td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>xiv</td>
<td></td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td>xvii</td>
<td></td>
</tr>
<tr>
<td>LIST OF APPENDIXIES</td>
<td>xviii</td>
<td></td>
</tr>
</tbody>
</table>

## CHAPTER I INTRODUCTION

1.1 Project Background 1
1.2 Problem Statements 2
1.3 Objective 3
1.4 Scope 3
1.5 Project Significance 6
1.6 Expected Output 6
1.7 Conclusion 6
CHAPTER II  LITERATURE REVIEW AND PROJECT METHODOLOGY
2.1 Introduction 8
2.2 Fact and Findings 8
  2.2.1 Domain 9
  2.2.2 Existing System 9
  2.2.3 Technique 14
2.3 Project Methodology 15
2.4 Project Requirement 18
  2.4.1 Software Requirements 19
  2.4.2 Hardware Requirements 20
  2.4.3 Others Requirements 20
2.5 Project Schedule and Milestones 20
2.6 Conclusion 22

CHAPTER III  ANALYSIS
3.1 Introduction 23
3.2 Problem Analysis 24
  3.2.1 Flow Design of Current System 25
    3.2.1.1 Use Case For Current System 25
    3.2.1.2 Activity Diagram for Current System 25
3.3 Requirement Analysis / Analysis of To-Be-System 26
  3.3.1 Data Requirement 27
  3.3.2 Functional Requirement 27
  3.3.3 Non-functional Requirement 32
  3.3.4 Other Requirements 33
    3.3.4.1 Software Requirement 33
    3.3.4.2 Hardware Requirement 35
    3.3.4.3 Network Requirement 36
3.4 Conclusion 36
CHAPTER IV DESIGN

4.1 Introduction 37
4.2 High-Level Design 38
  4.2.1 System Architecture 38
  4.2.2 User Interface Design 43
    4.2.2.1 Navigation Design 43
    4.2.2.2 Input Design 44
    4.2.2.3 Output Design 46
  Conceptual and logical Database Design 47
  4.2.3 Conceptual Database Design 48
  4.2.3.2 Logical Database Design 49
  4.2.3.3 DBMS Selection 50

4.3 Detailed Design 51
  4.3.1 Software Specification 51
  4.3.2 Physical Database Design 53

4.4 Conclusion 60

CHAPTER V IMPLEMENTATION

5.1 Introduction 61
5.2 Software Development Environment Setup 61
  5.2.1 Environment Setup 62
5.3 Database Implementation 63
  5.3.1 Data Access 64
5.4 Software Configuration Management 66
  5.4.1 Configuration Environment Setup 66
  5.4.2 Version Control Procedure 67
5.5 Implementation Status 68
5.6 Conclusion 70
CHAPTER VI  TESTING

6.1 Introduction  71
6.2 Test Plan  71
   6.2.1 Test Organization  72
   6.2.2 Test Environment  72
   6.2.3 Test Schedule  73
6.3 Test Strategy  75
   6.3.1 Classes of tests  75
6.4 Test Design  76
   6.4.1 Test description  76
   6.4.2 Test Data  77
6.5 Test Results and Analysis  77
6.6 Conclusion  78

CHAPTER VII  PROJECT CONCLUSION

7.1 Observation on Weakness and Strengths  79
   7.1.1 Weakness  79
   7.1.2 Strengths  80
7.2 Propositions for Improvement  80
7.3 Contribution  81
7.4 Conclusion  81

REFERENCES  82
BIBLIOGRAPHY  83
APPENDIXES  84
# LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 2.1:</td>
<td>Comparison of Some Feature Related to the Research</td>
<td>14</td>
</tr>
<tr>
<td>Table 2.2:</td>
<td>Type of Diagram in UML Notation</td>
<td>15</td>
</tr>
<tr>
<td>Table 2.3:</td>
<td>Minimum Requirement of Hardware</td>
<td>20</td>
</tr>
<tr>
<td>Table 2.4:</td>
<td>Project Schedule and Milestone</td>
<td>20</td>
</tr>
<tr>
<td>Table 3.1:</td>
<td>Employer Data</td>
<td>27</td>
</tr>
<tr>
<td>Table 3.2:</td>
<td>‘Registration’ Use Case Description</td>
<td>30</td>
</tr>
<tr>
<td>Table 3.3:</td>
<td>Hardware Requirement Specific</td>
<td>35</td>
</tr>
<tr>
<td>Table 4.1:</td>
<td>Package Description for FWAIS</td>
<td>40</td>
</tr>
<tr>
<td>Table 4.2:</td>
<td>Description of Input Design FWAIS</td>
<td>44</td>
</tr>
<tr>
<td>Table 4.3:</td>
<td>Description of Attribute in Log in Interface</td>
<td>45</td>
</tr>
<tr>
<td>Table 4.4:</td>
<td>Description for Output Design</td>
<td>46</td>
</tr>
<tr>
<td>Table 4.5:</td>
<td>Registration Module Algorithm</td>
<td>52</td>
</tr>
<tr>
<td>Table 4.6:</td>
<td>Design User View</td>
<td>54</td>
</tr>
<tr>
<td>Table 5.1:</td>
<td>Environment Setup for FWAIS</td>
<td>62</td>
</tr>
<tr>
<td>Table 5.2:</td>
<td>Server Configuration of FWAIS</td>
<td>62</td>
</tr>
<tr>
<td>Table 5.3:</td>
<td>Database Environment Setup of FWAIS</td>
<td>63</td>
</tr>
<tr>
<td>Table 5.4:</td>
<td>Computer Environment Setup of FWAIS</td>
<td>63</td>
</tr>
<tr>
<td>Table 5.5:</td>
<td>SQL Query using WHERE Clause</td>
<td>64</td>
</tr>
<tr>
<td>Table 5.6:</td>
<td>SQL Query using OR Condition</td>
<td>65</td>
</tr>
<tr>
<td>Table 5.7:</td>
<td>SQL Query using Order By Clause</td>
<td>66</td>
</tr>
</tbody>
</table>
Table 5.8: Working directories in the FWAIS
Table 5.9: Control Procedure for FWAIS
Table 5.10: The progress of Development Status
Table 6.1: Test Environment 1
Table 6.2: Test Environment 2
Table 6.3: Test Schedule
Table 6.4: User Registration Test
Table 6.5: FWAIS Test Results for Authentication Module -1
Table B.1: Foreign Worker Data
Table B.2: Agency Data
Table B.3: Application Status Data
Table B.4: Admin Data
Table C.1: ‘Authentication’ Use Case Description
Table C.2: ‘Apply Foreign Worker’ Use Case Description
Table C.3: ‘Define Application Status’ Use Case Description
Table C.4: ‘Import Data’ Use Case Description
Table C.5: ‘Export Data’ Use Case Description
Table C.6: ‘Generate Report’ Use Case Description
Table F.1: Employer Registration Page – Input Design Field
Table F.2: Foreign Worker Registration Page
Table F.3: Admin Registration Page – Input Design Field
Table F.4: Admin Registration Page – Input Design Field
Table H.1: Data Dictionary for EMLOYER
Table H.2: Data Dictionary for AGENCY
Table H.3: Data Dictionary for ADMIN
Table H.4: Data Dictionary for FOREIGN WORKER
Table H.5: Data Dictionary for APPLICATION STATUS
Table J.1: Authentication Module Algorithm
Table J.2: Apply Foreign Worker Module Algorithm
Table J.3: Apply Foreign Worker Module Algorithm
Table J.4: Generate Report Module Algorithm
Table J.5: Export Data Module Algorithm
Table J.6: Import Data Module Algorithm
Table L.1: Test Case for Authentication Module 150
Table L.2: Test Case for Apply Foreign Worker Module 150
Table L.3: Test Case for Define Application Status Module 151
Table L.4: Test Case for Generate Report Module 151
Table L.5: Test Case for Foreign Worker Registration Module 152
Table M.1: FWAIS Test Data 154
Table N.1: FWAIS Test Results for Login Authentication Module-1 157
Table N.2: FWAIS Test Results for Login Authentication Module -2 157
Table N.3: FWAIS Test Results for Employer Registration Module -1 158
Table N.4: FWAIS Test Results for Employer Registration Module -2 158
Table N.5: FWAIS Test Results for Foreign Worker Registration Module -1 159
Table N.6: FWAIS Test Results for Foreign Worker Registration Module -2 159
# LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 2.1: Kementerian Hal Ehwal Dalam Negeri</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Figure 2.2: Maid Library System</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Figure 2.3: Netmaid</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Figure 2.4: Agensi Pekerjaan Maju Jaya Sdn. Bhd</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Figure 2.5: Database Lifecycle (DBLC)</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Figure 3.1: Use Case for Agency of Foreign Worker</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Figure 3.2: Activity Diagram for Agency of Foreign Worker</td>
<td>26</td>
<td></td>
</tr>
<tr>
<td>Figure 3.3: Use Case for FWAIS</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>Figure 3.4: Activity Diagram for Authentication</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Figure 4.1: Overview of System Architecture</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Figure 4.2: Layering Architecture for FWAIS</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Figure 4.3: Class Diagram for FWAIS</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>Figure 4.4: Sequence Diagram for Use Case “Registration”</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>Figure 4.5: Navigation Diagram of FWAIS</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>Figure 4.6: Log in Interface for FWAIS</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Figure 4.7: Employer Application Interface for FWAIS</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>Figure 4.8: Entity Relationship Diagram for FWAIS</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Figure 4.9: Creating Database Interface</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>Figure 4.10: AppServ Open Project interface</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>Figure 4.11: Interface for connect to local host</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Figure 4.12: Interface for selected Database</td>
<td>58</td>
<td></td>
</tr>
</tbody>
</table>
Figure I.2: 3NF Normalization for AGENCY Table 138
Figure I.3: 3NF Normalization for EMPLOYER Table 138
Figure I.4: 3NF Normalization for APPLICATION STATUS Table 139
Figure I.5: 3NF Normalization for FOREIGN WORKER Table 139
# LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>TERM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBMS</td>
<td>Database Management System</td>
</tr>
<tr>
<td>DCL</td>
<td>Data Control Language</td>
</tr>
<tr>
<td>DDL</td>
<td>Data Definition Language</td>
</tr>
<tr>
<td>DDLC</td>
<td>Database Life Cycle</td>
</tr>
<tr>
<td>DML</td>
<td>Data Manipulation Language</td>
</tr>
<tr>
<td>ERD</td>
<td>Entity Relationship Diagram</td>
</tr>
<tr>
<td>FK</td>
<td>Foreign Key</td>
</tr>
<tr>
<td>FWAIS</td>
<td>Foreign Worker Agency Information System</td>
</tr>
<tr>
<td>GUI</td>
<td>Graphical User Interface</td>
</tr>
<tr>
<td>PK</td>
<td>Primary Key</td>
</tr>
</tbody>
</table>
## LIST OF APPENDIXIES

<table>
<thead>
<tr>
<th>APPENDIX</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Gantt chart</td>
<td>84</td>
</tr>
<tr>
<td>B</td>
<td>Data Analysis of FWAIS</td>
<td>90</td>
</tr>
<tr>
<td>C</td>
<td>Use Case Description</td>
<td>94</td>
</tr>
<tr>
<td>D</td>
<td>Flow Design of FWAIS</td>
<td>101</td>
</tr>
<tr>
<td>E</td>
<td>Sequence Diagram</td>
<td>108</td>
</tr>
<tr>
<td>F</td>
<td>Input Design</td>
<td>113</td>
</tr>
<tr>
<td>G</td>
<td>Output Design</td>
<td>122</td>
</tr>
<tr>
<td>H</td>
<td>Data Dictionary for FWAIS</td>
<td>130</td>
</tr>
<tr>
<td>I</td>
<td>Normalization</td>
<td>137</td>
</tr>
<tr>
<td>J</td>
<td>Pseudo Code for FWAIS</td>
<td>140</td>
</tr>
<tr>
<td>K</td>
<td>Data Definition Language for FWAIS</td>
<td>146</td>
</tr>
<tr>
<td>L</td>
<td>Test Description</td>
<td>149</td>
</tr>
<tr>
<td>M</td>
<td>Test Data</td>
<td>153</td>
</tr>
<tr>
<td>N</td>
<td>Test Result and Analysis</td>
<td>156</td>
</tr>
<tr>
<td>O</td>
<td>SQL Query</td>
<td>162</td>
</tr>
<tr>
<td>P</td>
<td>User Manual</td>
<td>166</td>
</tr>
</tbody>
</table>
CHAPTER I

INTRODUCTION

1.1 Project Background

Agency is a middle medium for employer to get the foreign worker. All the processing about the foreign worker is managed by the agency. With Internet and broadband becoming more and more common each day, many employers can enjoy the convenience of short-listing their foreign workers or maids online before contacting the agency concern.

Types of user will be involved in this process is foreign worker agency at the source country, employers and the agency that using this system to manage the process. The system that will be developed is Foreign Worker Agency Information System. The purpose of developing this system is to enable employer to find and apply the foreign worker as a maid through online application. Through this system is setup with the aim of making it easier for potential employers to select their maids from the comfort of their homes and offices.

This system also enable agency to register foreign worker details through the online registration. All information about the foreign worker will be displayed in the system. Then, if employer wants to get a worker or maid, they can access the details through this system and apply which the worker they needed. The agency will manage and define the status of application.
Agency at the source country will register their foreign worker through the online registration. Then administrator of agency at this country will manage all information about the employer and agency in the database. Administrator will verify the status of application to employer either approved or rejected.

1.2 Problem Statements

I have identified some of the problems that arising with the manual system. The problems are:

i. Database based on paper
First problem had been identified is no central database that cause delay and hardship in achieve data within a short time. Sometimes current system cause data overlap where same data placed at the different places. Additionally, manual system still using file to keep data that necessitated large spaces. Consequently difficulty to reach data possibly happens.

ii. Slow the access of data
The employer have to fill forms for apply foreign worker. In addition to that, this process takes times and not very efficient. For example, there many foreign worker and employer take time to view and make decision.

iii. No report generated.
The current system cannot generate how many foreign workers that were registered and no payment receipt for booking process. Therefore admin also need to spend a lot of time to refer the record for producing the report.
1.3 Objectives

This objective is to deal statement problem such as stated above. The objectives are:

i. Centralized database
   Through this system, FWAIS able to keep data in the centralized database. By using database, data can be arranged with orderly and easy to achieve. In the same period, FWAIS can avoid data from overlap.

ii. Data accessing become faster.
    Through online application, data accessing become swiftly and to allow employer make booking process with faster and efficiently.

iii. To generate reports.
    Systems will be able produce deposit payment deposit booking. Through this application, employer can print the receipt by login the system. Admin also can view and the details of foreign worker.

1.4 Scope

Foreign Worker Agency Information System describes briefly the scope in term of users about the online application system. There are three (3) types scope of system users for Foreign Worker Agency Information System, there is scope of system user, scope of system modules and scope of system technology. Scope for system user is divided into two (2) users; there is external user and internal user.

a) Scope of System User

For the system user, it gets 2 different of system users. There are external and internal system users. Below is a description of external and internal users.
i. External user

- Agency foreign worker at source country
  Agency must register before they can access the system. The foreign worker will register through their agency at source country using online application. The details of foreign worker will be saving in the system. Administrator will manage the details and define the status of employer application.

- Employer
  Employer must register to access this system or to make an application. Then, when have an authentication, employer can view data of foreign worker and they can apply if they interested. Admin will verify the status of application whether accepted or not.

ii. Internal user

- Administrator
  For internal user, administrator will do the task such define the application status, import and export data and also generate the report. The administrator will define all the applications status from employer and foreign worker

b) Scope of System Module

In the Foreign Worker Agency Information System, there are several functions for external and internal user.

i. Employer registration process
  Employer will make a registration through the online application. This registration is to search and apply a foreign worker as their employee. Though this site, employer will type the details and they can search and apply foreign worker when they needed after make a registration.
ii. **Foreign worker registration process**

Foreign worker registration process can be done only the record is made by the agency at the source country through online registration. They can make application at the nearest consulate or anywhere as long as has an Internet connection.

iii. **Status of application process**

The administrator will identify the status of the application. After the status is defined, employer can check their application whether successful or not.

iv. **Reporting**

This system is able to generate report about the numbers of foreign workers that have been registered in the FWAIS.

c) **Scope of System Technology**

System technologies for Foreign Worker Agency Information System (FWAIS) used web based tool as below:

i. MySQL Database

ii. Apache HTTP Server

iii. PHPMyAdmin Scripting Language

FWAIS will be used Object Oriented Analysis Design (OOAD) as a methodology to develop this system. Then, database development in this system that will be used is Database Life Cycle (DBLC) as a method.
1.5 Project Significance

The significance for FWAIS is making the process become faster and accessible. The employer can make online application and can choose the foreign worker that have in the database. Admin will approved the application to employer and notify the status of the application.

This system will be used to agency at Malaysia as a medium to reduce times to get foreign worker data from the source country. Thorough this system, all process become more easy and faster. The foreign worker information can get through the online registration. The employer also can directly access data about the foreign worker. Then, they can make a selection.

1.6 Expected Output

My expectation of this system is employer can make an online application and apply foreign worker as their employee. This system also, provides online registration for foreign worker through the agency at the source country. Employer can view all data about foreign worker and can apply if they interested. After make a selection process, admin of this system will verify the status of application whether approved or not. If the application is accepted, the agency will continue to process the application until the employer gets the foreign worker as an employee.

1.7 Conclusion

As a conclusion, this chapter is explaining about the system that will be developed. It includes project background, the problem in the current system and also what the objective developed this system. This system developed based on the problem that has in the current system.
The next chapter will be explaining about the facts and finding which related with the project. Related references with this system are based on the reality situation and must have a source to approve the sources. This section also explain what the methodology will be used to develop this project.