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**FACULTY OF COMPUTER SCIENCE AND MATHEMATIC**

**DIPLOMA IN COMPUTER SCIENCE (CDCS110)**

**REPORT TITLE:**

PRACTICAL TRAINING AT IT DEPARTMENT, MARIBUMI SDN. BHD.

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## TABLE OF CONTENTS

|              |                                                                      |           |
|--------------|----------------------------------------------------------------------|-----------|
| <b>1.0</b>   | <b>INTRODUCTION .....</b>                                            | <b>1</b>  |
| <b>2.0</b>   | <b>ORGANIZATION HISTORY.....</b>                                     | <b>3</b>  |
| <b>2.1</b>   | <b>Organization Chart.....</b>                                       | <b>4</b>  |
| <b>2.2</b>   | <b>Vision, Mission &amp; Values .....</b>                            | <b>5</b>  |
| <b>3.0</b>   | <b>INDUSTRIAL TRAINING PROJECT DESCRIPTION .....</b>                 | <b>1</b>  |
| <b>3.1</b>   | <b>Project Introduction.....</b>                                     | <b>1</b>  |
| <b>3.1.1</b> | <b>Problem Statement .....</b>                                       | <b>2</b>  |
| <b>3.1.2</b> | <b>Objectives .....</b>                                              | <b>3</b>  |
| <b>3.1.3</b> | <b>Scopes .....</b>                                                  | <b>3</b>  |
| <b>3.2</b>   | <b>Literature Review.....</b>                                        | <b>5</b>  |
| 3.2.1        | Impact of automated employee record management on data integrity ... | 5         |
| 3.2.2        | Importance of automated leave tracking .....                         | 5         |
| 3.2.3        | Foster communication and engagement through corporate feeds .....    | 6         |
| <b>3.3</b>   | <b>Project Methodology .....</b>                                     | <b>6</b>  |
| 3.3.1        | Requirements.....                                                    | 7         |
| 3.3.2        | Design.....                                                          | 7         |
| 3.3.3        | Development .....                                                    | 9         |
| 3.3.4        | Testing .....                                                        | 10        |
| 3.3.5        | Deployment .....                                                     | 10        |
| 3.3.6        | Maintenance .....                                                    | 10        |
| <b>3.4</b>   | <b>Project Design.....</b>                                           | <b>11</b> |
| 3.4.1        | Main Flowchart .....                                                 | 11        |
| 3.4.2        | Employee Management Module .....                                     | 12        |
| 3.4.3        | Leave Management Module.....                                         | 15        |
| 3.4.4        | Feeds Management Module .....                                        | 18        |

## LIST OF FIGURES

|                                                                   |    |
|-------------------------------------------------------------------|----|
| Figure 2.1: Maribumi Sdn. Bhd.'s Organization Logo.....           | 3  |
| Figure 2.2: Maribumi Sdn. Bhd. Organizational Chart.....          | 5  |
| Table 2.1: Vision, Mission, and Values of Maribumi Sdn. Bhd. .... | 5  |
| Figure 3.1: Ishikawa diagram.....                                 | 2  |
| Figure 3.2: Waterfall Model .....                                 | 7  |
| Figure 3.3: Main Flowchart.....                                   | 11 |
| Figure 3.5: My Profile Flowchart.....                             | 14 |
| Figure 3.6: Manage My Leave Flowchart.....                        | 16 |
| Figure 3.7: Manage Staff Leave Flowchart.....                     | 17 |
| Figure 3.8: Feeds Flowchart.....                                  | 18 |
| Figure 3.9: Manage Feeds Flowchart.....                           | 19 |
| Figure 3.10: FDD .....                                            | 20 |
| Figure 3.11: Use Case Diagram .....                               | 21 |
| Figure 3.12: Context Diagram.....                                 | 22 |
| Figure 3.13: Level 1 DFD .....                                    | 22 |
| Figure 3.14: ERD .....                                            | 25 |
| Figure 3.16: Login Page.....                                      | 25 |
| Figure 3.17: Login Function Code Snippet.....                     | 26 |
| Figure 3.18: Dashboard Routes Code Snippet .....                  | 26 |
| Figure 3.19: HRMS Account Creation Form .....                     | 27 |
| Figure 3.20: Create HRMS account Code Snippet .....               | 27 |
| Figure 3.21: Password Reset Link Mail.....                        | 28 |
| Figure 3.22: toMail Function Code Snippet.....                    | 28 |
| Figure 3.24: Leave Application Form .....                         | 29 |
| Figure 3.25: Code Snippet to save leave segments .....            | 29 |
| Figure 3.26: Code Snippet to fetch public holidays .....          | 30 |
| Figure 3.27: Leave Application report form .....                  | 30 |
| Figure 3.28: html2pdf.js code snippet.....                        | 30 |
| Figure 3.29: Leave chart .....                                    | 31 |
| Figure 3.30: Chart.js code snippet.....                           | 31 |
| Figure 3.31: Manage Tags form .....                               | 31 |

## **1.0 INTRODUCTION**

The practical training course (CSC339) is compulsory for all Semester 5 Diploma in Computer Science (CDCS110) students. The duration of the course is six months, or one semester. In order for students to successfully complete their studies and graduate with their diploma, they must complete an internship placement within the course duration at a company in an IT or information systems environment. Additionally, students are allowed to choose the company for their industrial internship. Once their internship application has been approved, an academic supervisor and co-supervisor will be assigned to every student to monitor them throughout the duration of their internship.

The main purpose of this course is to equip students with real world working experience in the computer science field. This provides student with exposure to the current industry technologies and gives them the opportunity to apply and practice the theories they have learned in university to real world scenarios. Moreover, this practical training helps to bridge the network between university and industry, giving students the opportunity to establish professional connections and understand industry expectations.

During this period, students must understand the objectives of their practical training in order to successfully carry out what they are supposed to do. One of the main objectives is to help students foster a responsible attitude in the real working environment, gain a suitable industrial experience with their respective field of study, and to learn and appreciate the value of professional ethics. Furthermore, it is to sharpen students' soft skills, suitable to the working environment and enhance their communication skills, as well as to assess their career ability, knowledge, and their self-confidence. Moreover, it is to enhance students' marketability and competitiveness, develop an entrepreneurial mindset through exposure to real world experiences and career opportunities. Along with this, the practical training's objective is to train students with the ability to write a well-structured and comprehensive report.

## 2.0 ORGANIZATION HISTORY

Figure 2.1 shows the logo of Maribumi Sdn. Bhd. The company is a telecommunications solutions provider in Malaysia with more than 30 years of experience. Maribumi Sdn. Bhd. provides fibre optics solutions for the telecommunications industry. Since the company's inception in 1991, the company has built a strong reputation as experts in planning, installation, testing, commissioning and maintaining fibre optic cables for telecommunication purposes, providing a turnkey solution for their clients. In 2016, Maribumi Sdn. Bhd. has ventured into the infrastructure of Gigabit Passive Optical Network (GPON) system for Fiber-to-the-Home (FTTH) by providing supply, installation, testing and commissioning fiber optic cables and related accessories for passive infrastructure.

Throughout the years, the company has maintained its internationally recognized standard for quality management systems with its first accreditation, MS ISO 9001:2008 in 2006 and updated certification in 2018, with MS ISO 9001:2015. Moreover, the company is registered with the highest level of contractor registration in Malaysia, namely the Construction Industry Development Board (CIBD) at Grade G7, allowing them to undertake projects of any size or complexity without financial limitations.

Furthermore, from 1996 to date, Maribumi Sdn. Bhd. is Celcom's trusted service provider for the implementation, repair, and maintenance of optic fibre cabling in Sabah and the Federal Territory of Labuan. Currently, the company continues to uphold its commitment to quality and professionalism.



*Figure 2.1: Maribumi Sdn. Bhd.'s Organization Logo*