**COMPUTING STUDENTS –**

**PLACEMENT YEAR LOG REPORT**

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| **Student Name:** | Walpalage Dinithi Sanjana |
| **Placement Provider & Department:** | Sri Lanka Telecom (SLT) & Talent Development Section – Digital Platform - (IT) |
| **Workplace Supervisor Name:** | Mr. M. Giridaran |
| **Date:** | 16th of January 2025 |

* 1. **Description of activities, including projects, tasks, roles and achievements \*\*\***

**Week 1 (Seat Reservation System Deployment)**

* Deployed the *Seat Reservation System* on Azure Web Server, enabling access to all users.
* Conducted final testing and ensured the system met user requirements.

**Week 2 (Transportation Booking System Development)**

* Started developing the *Transportation Booking System* with the target handover date of 2024/11/11.
* Designed the User Interface (UI) for the system, focusing on user-friendly navigation and aesthetics.

**Week 3 (Frontend and Backend Development for Transportation Booking System)**

* Developed frontend and backend for the system:
  + Frontend: Created the **Booking Page** and **User Profile Page** using React with Material-UI (MUI).
  + Backend: Utilized Node.js as the runtime environment, Express.js as the framework, and MongoDB as the database.

**Week 4 (Intern Registration System)**

* Received the *Intern Registration System* project.
  + Week 1: Designed the UI for the system.
  + Week 2: Developed the frontend and backend, focusing on pages such as Manage CVs, Interviews, Intern Status, Assign to Schemes, and Schemes.
  + Personally contributed to the **Schemes Page**, implementing CRUD operations to manage departments.
  + Collaboration: Used Bitbucket for version control and team collaboration.
  1. **Description of any internal/external training undertaken \*\*\***

 **Technical Skills Training**:

* Gained hands-on experience with React and Material-UI for frontend development.
* Enhanced proficiency in backend technologies including Node.js, Express.js, and MongoDB.

 **Version Control Training**:

* Learned effective collaboration using Bitbucket for managing repositories and tracking changes.
  1. **Reflection on your learning (e.g. skills and knowledge gained) from the above**
* **Knowledge Acquired**:
  + Deployment practices on Azure Web Server.
  + CRUD operation implementation in React and MongoDB.
  + Collaboration in a team environment using version control tools like Bitbucket.
  1. **Identify any areas requiring improvement (if any)**

 Advanced UI/UX Design: Explore modern design principles to further enhance user experience.

 Database Optimization: Improve query efficiency and scalability in MongoDB.

 Time Management: Allocate more time for testing and validation to reduce post-deployment issues.

* 1. **Your goals or targets for the next couple of months based on areas requiring improvement (if any)**
* **Deepen Database Knowledge**: Learn advanced MongoDB features and best practices.
* **Enhance Time Management**: Adopt project management tools like Trello or Jira to plan and track tasks more effectively.
  1. **Describe and evaluate your own skills in relation to the graduate attributes and the professional skills needed in the sector**

 **Problem Solving**: Successfully resolved challenges during backend integration and CRUD operation implementation.

 **Project Delivery**: Delivered high-quality work within deadlines, meeting project goals and client expectations.

 **Adaptability**: Quickly adapted to new projects and technologies, such as transitioning between different systems and frameworks.

**\*\*\*** it is advisable to present your answers for questions 1 and 2 in chronological order e.g. per mon

**Once you have addressed the points (outlined in questions 1-5), ask your supervisor to assess your performance for the month using the following table.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *Below expectation* | *Satisfactory* | *Above expectation* | *Outstanding* | *N/A* |
| Attitude to work |  |  |  |  |  |
| Quality of work |  |  |  |  |  |
| Productivity |  |  |  |  |  |
| Literacy and Communication skills |  |  |  |  |  |
| Critical Thinking skills |  |  |  |  |  |
| Reliability |  |  |  |  |  |
| Global Outlook |  |  |  |  |  |
| Suitability of future goals  *(refer to question 5)* |  |  |  |  |  |
| Overall Achievement |  |  |  |  |  |

#### Workplace Supervisor Signature: ...................................................

(M. Giridaran)

Date: 19/01/2025

Student Name & Signature: ....................................................

(W.D. Sanjana)

Date: 16/01/2025

A scanned copy of the log report should be uploaded via the 'Log Report - Upload Report' option on Blackboard Placement module site by the specific deadline. Throughout the academic year 3 log reports must be uploaded on deadlines announced on Blackboard. Make sure you check the placement Blackboard site regularly.