**1 Project Management System**

**Supervisor**

xxxxxxxxxxxxx

**Prerequisites**

Web application development skills. I am good at using ReactJs, SpringBoot and SQL. I want to implement the project using these technologies

**Aims of project**

Create a web application that keeps track of all the related information of any project and will be used to track the project design. The aim of the system is to make a project more learnable by new team members as well as serve as a reference material for examining and implementing features.

**Challenges presented by the project**

The system will allow documentation of database structures, API end points, Classes involved in the code and any notes developers would want to save for future reference.

**Learning outcomes**

The student will learn more about authentication in the efforts of securing the system. They will also gain some experience in system design as the system demands utmost attention to be able to achieve the functionalities

**Nature of end-product**

A web application providing different access rights to users where information about a project can be recorded and retrieved in accordance with access rights of a user.

**Project timetable**

Elicit requirements

Analyse requirements

Translate requirements into design

Refine design into implementation

Test implementation

Write up

**2 Employees Review System**

**Supervisor**

xxxxxxxxxxxxx

**Prerequisites**

Web application development skills. I am good at using ReactJs SpringBoot and SQL. I want to implement the project using these technologies

**Aims of project**

Employees Review System is used to evaluate the performance of the employees based on the answers provided by the employees.

**Challenges presented by the project**

Employees Review System is a system where a company can register its employees under different departments and design questions that can be filled out by employees. The questions can be targeted to specific employees and the answers are used to evaluate the performance of the employees.

**Learning outcomes**

The student will learn about data representation and storage since the project requires good management of data. They will also gain knowledge in applying mathematics in software while performing analysis of respondents’ answers.

**Nature of end-product**

An employee review system where admins can issue questions targeted to employees who in turn will answer the questions. The answers provided will be used to evaluate employees’ performance

**Project timetable**

Choose framework

Elicit requirements

Analyse requirements

Translate requirements into design

Refine design into implementation

Test implementation

Write up