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**PUSL3190 Computing Individual Project**

**Project Proposal**

<Project Title Here>

Supervisor: <Supervisor Name Here>

Name: <Your Name Here According to PU ID>

Plymouth Index Number: 10819486

Degree Program: <Your Degree Program Here>

Table of Contents

**No table of contents entries found.**

# **Chapter 01 Introduction**

## 1.1 Introduction

## 1.2 Problem Definition

## 1.3 Project Objectives

# **Chapter 02 System Analysis**

## 2.1 Facts Gathering Techniques

## 2.2 Existing System

## 2.3 Use case diagram

## 2.4 Drawbacks of the existing system

# **Chapter 03 Requirements Specification**

## 3.1 Functional Requirements

## 3.2 Non-Functional Requirements

## 3.3 Hardware / Software Requirements

## 3.4 Networking Requirements (Optional)

Chapter 04 Feasibility Study

4.1 Operational Feasibility

4.2 Technical Feasibility

4.3 Outline Budget

Chapter 05 System Architecture

5.1 Class Diagram of Proposed System

5.2 ER Diagram

5.3 High-level Architectural Diagram

5.4 Networking Diagram (Optional)

# **Chapter 06 Development Tools and Technologies**

## 6.1 Development Methodology

## 6.2 Programming Languages and Tools

Using postman tool, have tested the HTTP requests and its responds. Under collections have created a new collection called ‘Sizerecom’. There a new POST request is made to the ‘http://localhost:8080/user’ endpoint and that request would be sent in a JSON format as shows in the figure 1 below,

A screenshot of a computer

Description automatically generatedFigure 1: Postman API is being used to test the HTTP requests, send to MySQL database.

When the request is sent, it would update the MySQL database tables as in the figure 2 below. So, then it could test the APIs in this application as uses PostMapping annotation to handle POST requests.

A screenshot of a computer

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Figure 2: How the MySQL database is being updated from the test post requests.

A new GET request is made to get (retrieve) the data and view all users as shown in the figure 3 using the endpoint of ‘/allusers’. Can see in the figure 4, the ID is auto incrementing by one using the ‘@GeneratedValue’ annotation with ‘@Id’ annotation. The Id then used as the primary key.

A close-up of a computer screen

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Figure 3: Endpoint of the GET request.

A screenshot of a computer screen

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Figure 4: Shows all the added users.

## 6.3 Third Party Components and Libraries

## 6.4 Algorithms

Chapter 07 Discussion [Max of 1 Page]

Overview of the Interim Report

Summary of the Report

Challenges Faced

Future Plans / Upcoming Work