CS1103 Project Proposal

We are choosing java as the language we are programming in to create a program to manage a University database.

**Group Members**

Gabrielle Lal, Fatima Asif, Hanna Jossy, Victoria Iromaka, and Medha Madhub

**Roles**

* FR – Diagrams: Fatima and Gabby
* SQL Statements: Hanna, Medha and Victoria
* Java Development: Everyone
* Report Writing and Presentation: Everyone

**Project Title**

University Database Management System

**Application Overview**

Our project aims to develop a database management application that facilitates interaction with the University database. The application will support essential operations such as inserting, deleting, and updating records, as well as creating and managing the database schema. The system will be built using Java and will ensure transactional integrity and efficiency.

**Application Choice**

We have chosen to develop this application using Java due to its robustness, strong database connectivity through JDBC, and ease of integration with MySQL. Java also provides flexibility in creating both command-line and graphical user interfaces, allowing for a user-friendly interaction with the database.

**GitHub Repository**: https://github.com/MedhaMadhub/Database-Project.git