**INTRODUCTION TO SOFTWARE ENGINEERING**

**SPRING 2023**

PROJECT PROPOSAL FORM

**STUDENT MANAGEMENT SYSTEM**

**Description:**

The aim of this project is to create a platform where the students will first verify themselves by entering their login IDs and passwords, when any incorrect ID or password is entered, the program will not move forward unless the user enters valid credentials. After that, the students will be shown a menu with different features, such as keeping track of their attendance subject wise, viewing the marks obtained in their registered courses, calculating and viewing their individual subjects’ GPA, as well as their cumulative GPA. In the instance where any student’s subject GPA is less than 1, and cumulative GPA is less than 2, a warning will be displayed. Students can also view their registered courses, and their fee structures for the current semester.

The program code will be implemented in the C language.

**Functional requirements:**

1. Login IDs and password authentication
2. View student attendances of different subjects
3. View registered courses for the semester
4. View marks obtained in different registered courses
5. Calculate and view individual and cumulative GPA
6. View fee structure

**Team Members:**

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