

REQUIREMENT DOCUMENT

Project Topic: Campus Management System

Description: A campus management system includes modules in which one allows administrators to define and organize the subjects offered by the institution, GPA calculation and maintains students' Grade Point Average based on their performance in various subjects, attendance tracking, and teacher access to courses, each serving a specific function to streamline academic processes within an educational institution. Administrators can generate attendance reports and identify trends to address any attendance-related issues promptly. Teachers can upload assignments, quizzes, and grades regarding course content and academic progress.

Scope: The scope of the campus management system with modules for subject management, GPA calculation, attendance tracking, and teacher access to courses is to create a comprehensive digital platform that revolutionizes academic administration within educational institutions. It aims to enhance operational efficiency, promote student success, and facilitate effective teaching practices by providing a centralized hub for managing academic processes.

Features:

- 1) Student Enrollment
- 2) User Authentication (login)
- 3) Change Password
- 4) View Transcript
- 5) Faculty Management
- 6) Course Management
- 7) Attendance Tracking
- 8) Grading System of courses
- 9) Feedback and Evaluation
- 10) Course Registration
- 11) Student Portal
- 12) Notification System
- 13) Logout

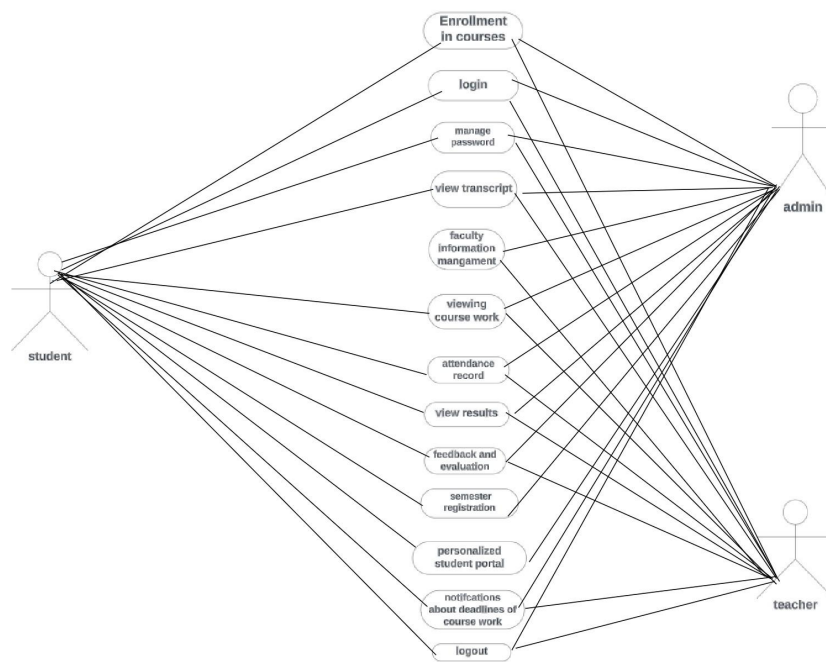
Requirement details with actors (External Entity)

#	External Entity	Initial Requirements
1.1	Student	The student shall enroll in courses offered by the institution.
1.2	Teacher	The teacher shall view and manage student enrollment in their courses.
1.3	Admin	The admin shall manage student enrollment processes and data
2.1	Student	The student shall authenticate their identity through a login process to access the system.

2.2	Teacher	The teacher shall authenticate their identity through a login process to access the system.
2.3	Admin	The admin shall authenticate their identity through a login process to access the system.
3.1	Student	The student shall change their password for security purposes.
3.2	Teacher	The teacher shall change their password for security purposes.
3.3	Admin	The admin shall change their password for security purposes.
4.1	Student	The student shall view their transcript of academic records within the system.
4.2	Teacher	The teacher shall view student transcripts.
4.3	Admin	The admin shall view student transcripts and academic records
5.1	Student	The student shall not have access to faculty management features.
5.2	Teacher	The teacher shall manage faculty information and assignments within the faculty management module.
5.3	Admin	The admin shall manage faculty information, roles, and assignments within the faculty management module.
6.1	Student	The student shall view course details, assignments, and materials through the course management module.
6.2	Teacher	The teacher shall create, update, and manage course materials and assignments through the course management module.
6.3	Admin	The admin shall create, update, and manage course offerings and schedules through the course management module.
7.1	Student	The student shall view their attendance records for classes.
7.2	Teacher	The teacher shall take and track student attendance for classes.
7.3	Admin	The admin shall track attendance data and generate reports on student attendance.
8.1	Student	The student shall view grades and performance in courses through the grading system.
8.2	Teacher	The teacher shall enter and manage grades for courses through the grading system.
8.3	Admin	The admin shall configure and manage the grading system for courses.
9.1	Student	The student shall provide feedback and evaluations on

		courses and instructors.
9.2	Teacher	The teacher shall view feedback and evaluations provided by students.
9.3	Admin	The admin shall view feedback and evaluations provided by students and teachers.
10.1	Student	The student shall register for courses for upcoming semesters.
10.2	Teacher	The teacher shall not have access to course registration features.
10.3	Admin	The admin shall manage course registration processes and data.
11.1	Student	The student shall access to a personalized student portal with information on courses, grades, and campus events.
11.2	Teacher	The teacher shall not have access to the student portal
11.3	Admin	The admin shall access system-wide data and reports through the student portal.
12.1	Student	The student shall receive notifications about important deadlines, events, and announcements.
12.2	Teacher	The teacher shall send notifications to students about assignments, deadlines, and course updates.
12.3	Admin	The admin shall send notifications to students, teachers, and staff members about system updates and announcements.
13.1	Student	The student shall log out of the system securely.
13.2	Teacher	The teacher shall log out of the system securely.
13.3	Admin	The admin shall log out of the system securely.

Use Case Diagram with actors (External Entity)



Class Diagram

