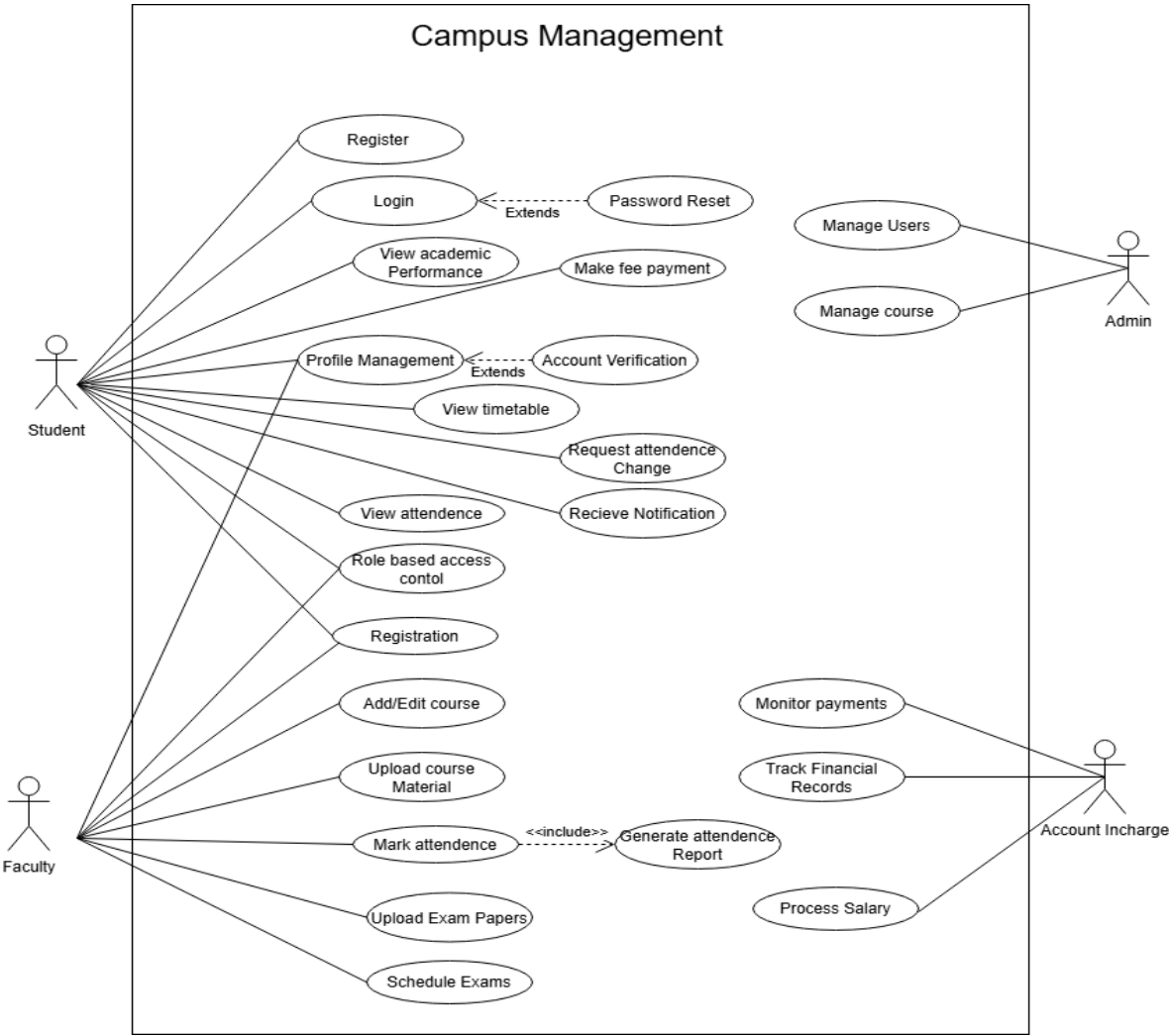


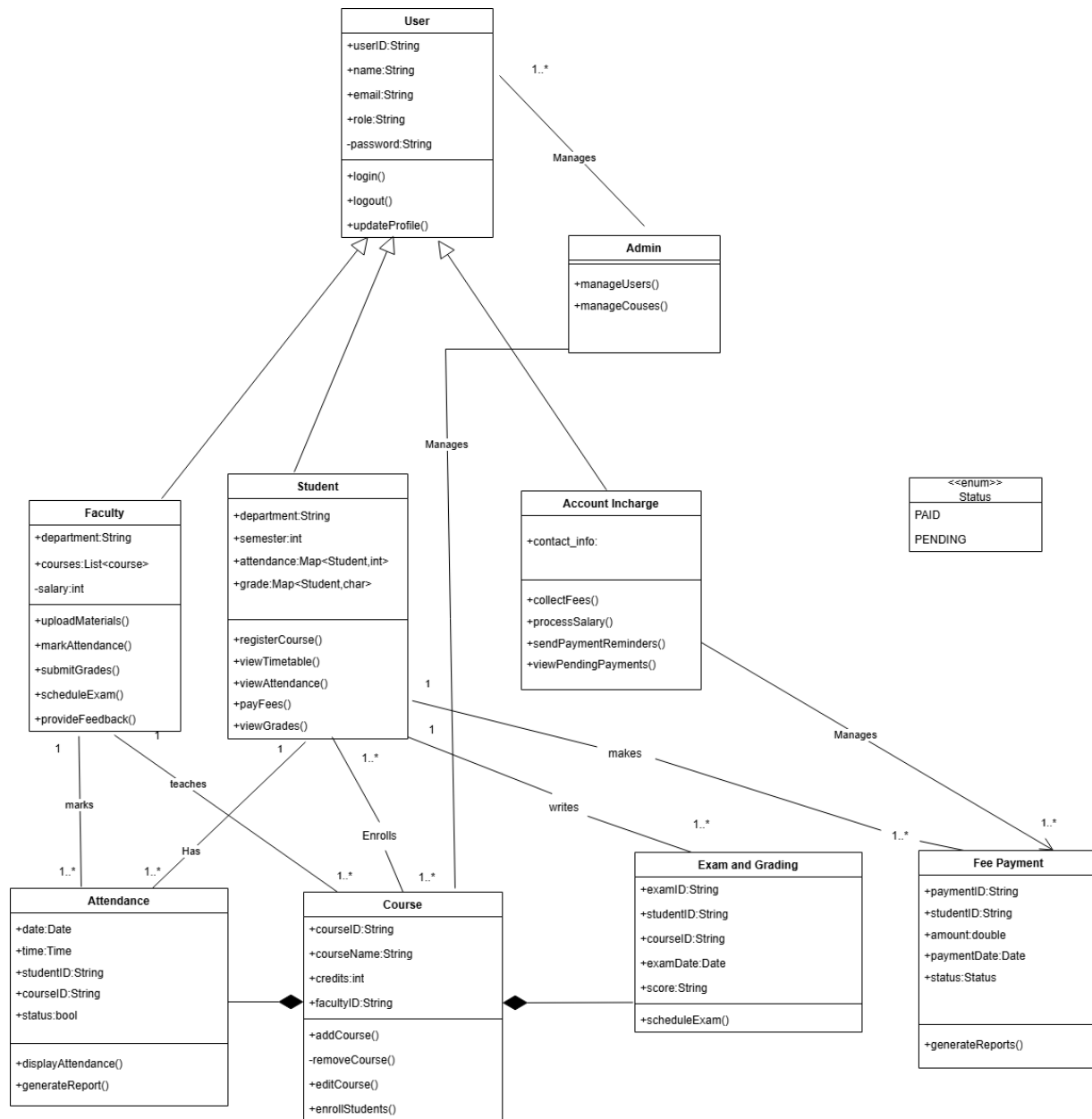
Smart Campus Management System

The Smart Campus Management System is a comprehensive platform designed to streamline and automate various campus operations. It integrates key modules to enhance efficiency, provide a centralized hub for all campus-related activities, and improve the overall experience for students, faculty, and staff. The system ensures seamless management of academic and administrative processes through digital solutions.

Usecase:



Class diagram:



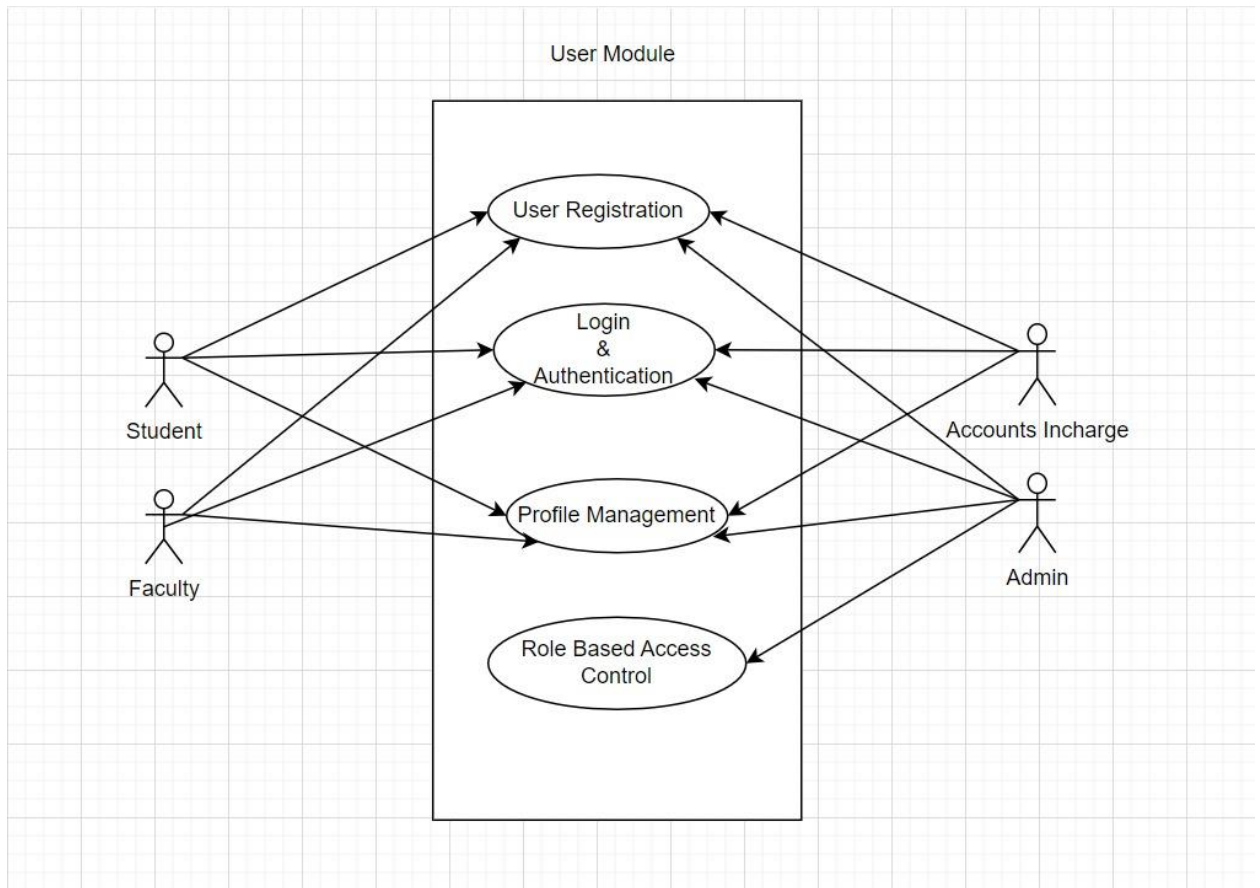
Key Modules

1. User Module – T B Sruthika

This module manages the accounts of students, faculty, and staff. It includes functionalities such as:

- User Registration and Login – Secure authentication for all users
- Profile Management – Users can update and maintain their personal details

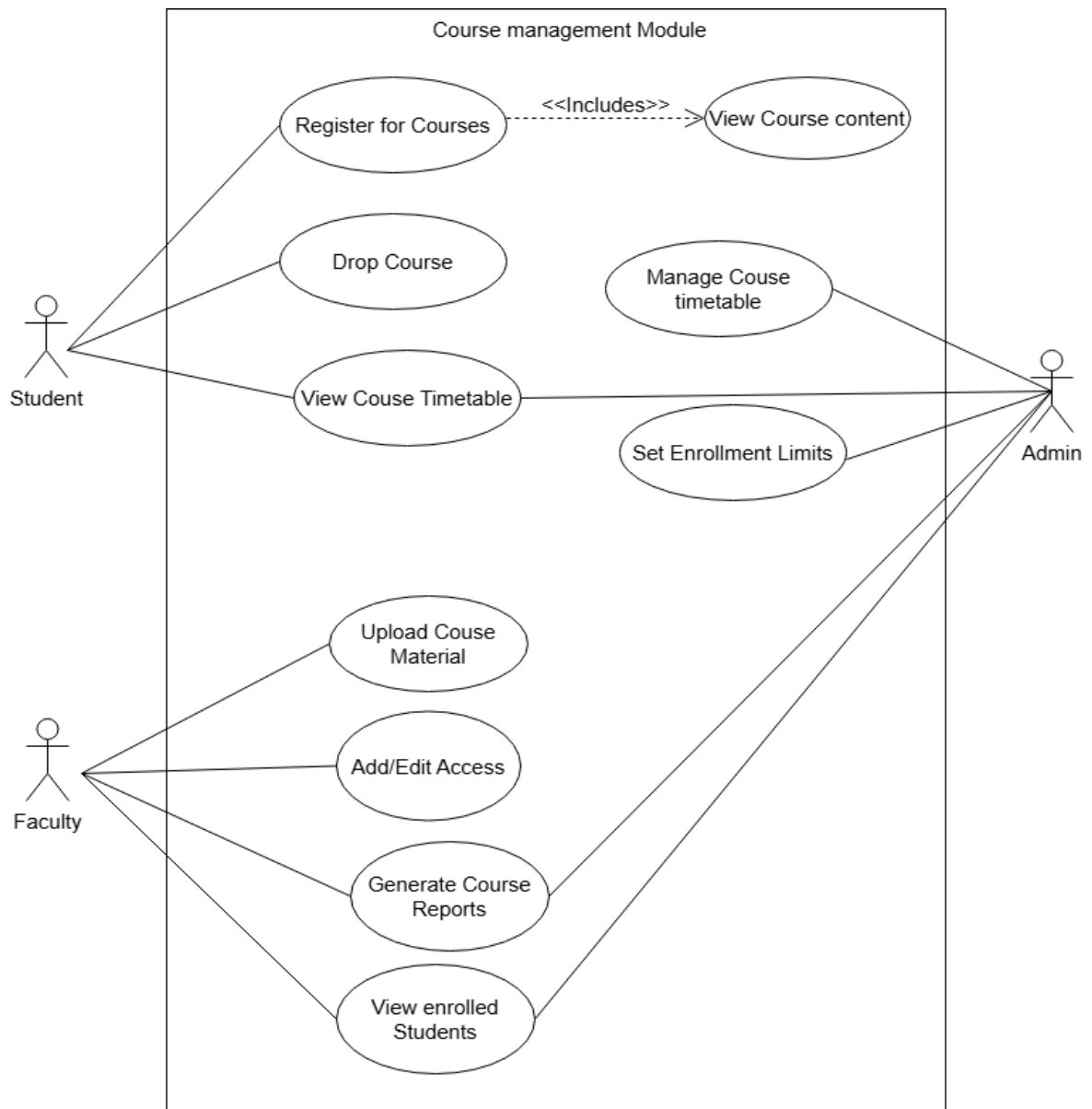
- Role-Based Access Control – Different access levels for students, faculty, and administrators



2. Course Management - Sneha

This module facilitates smooth handling of academic courses, including:

- Course Registration – Students can enroll in courses
- Course Material Uploads – Faculty can share study materials online
- Timetable Management – View and manage course schedules
- Adding or Editing Courses – Administrators can update course offerings

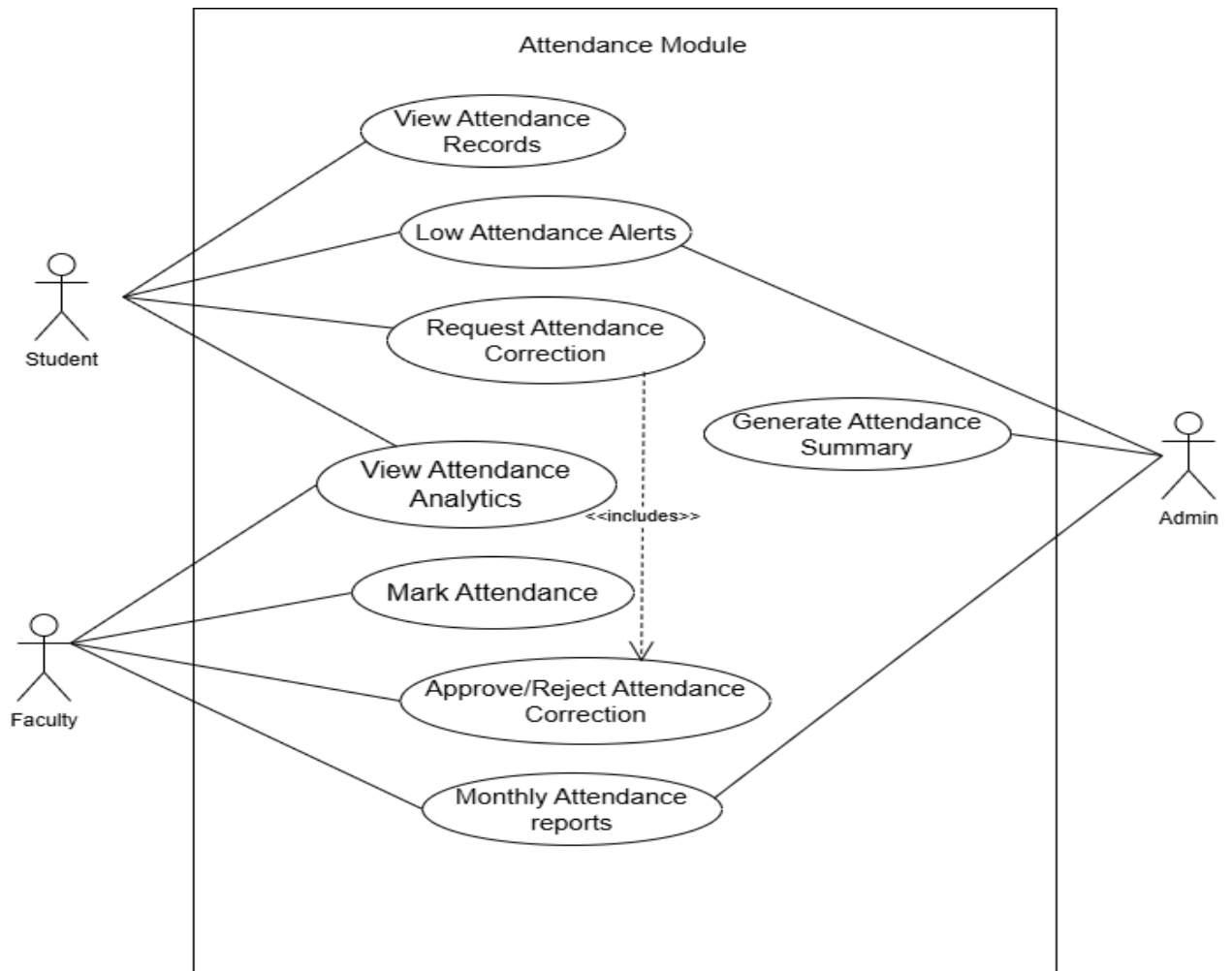


3. Attendance Module – Sthuthi M S

This module helps track student attendance efficiently:

- Attendance Marking – Digital attendance tracking by faculty
- Attendance Records – View attendance history for students
- Low Attendance Alerts – Notifications for students with low attendance
- Monthly Attendance Reports – Generates detailed attendance reports for students and faculty

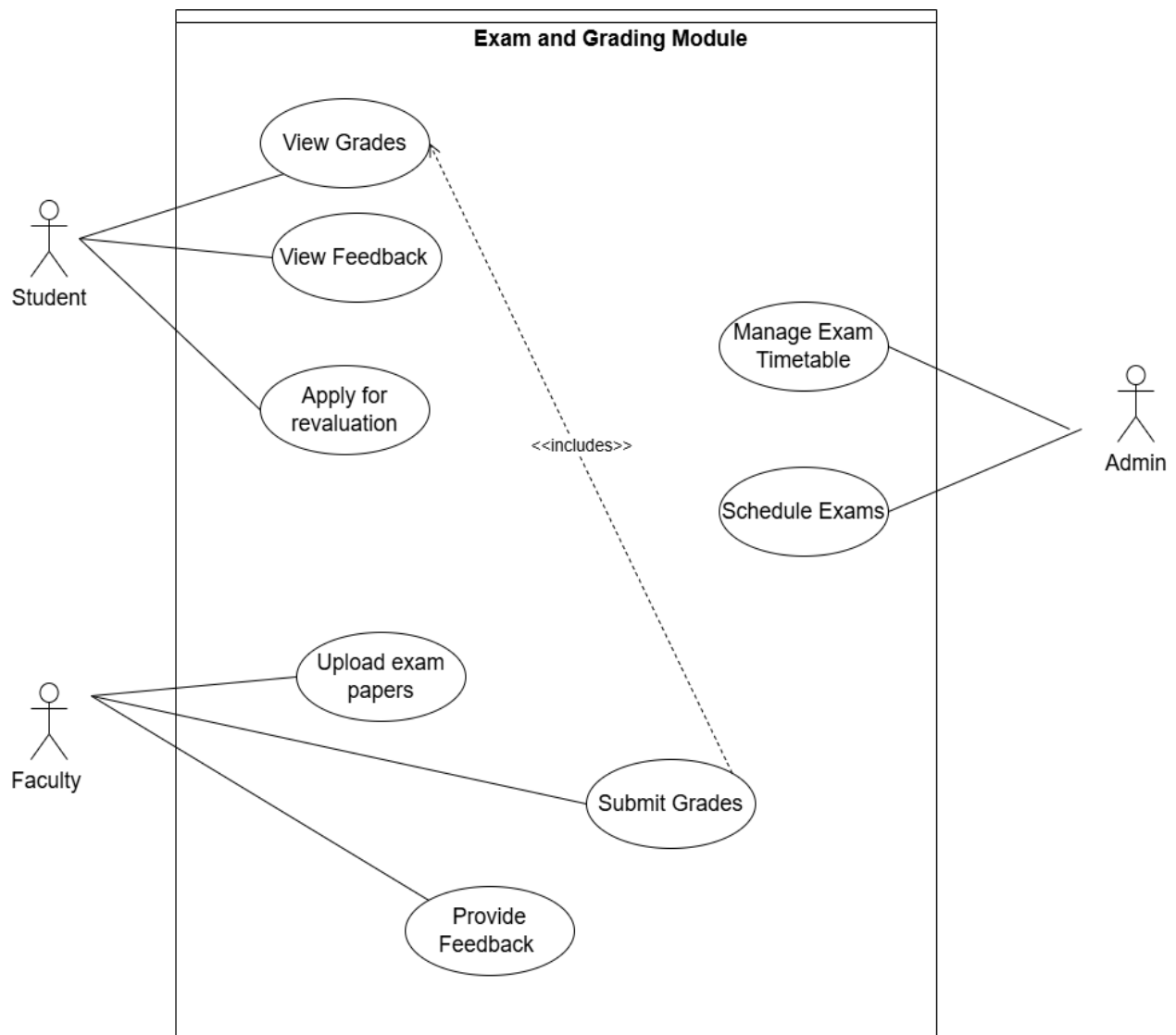
- Attendance Correction Requests – Students can request attendance corrections with valid reasons Faculty can review and approve or reject the request



4. Exam and Grading System – Sushmitha S

This module streamlines the examination process and grade management:

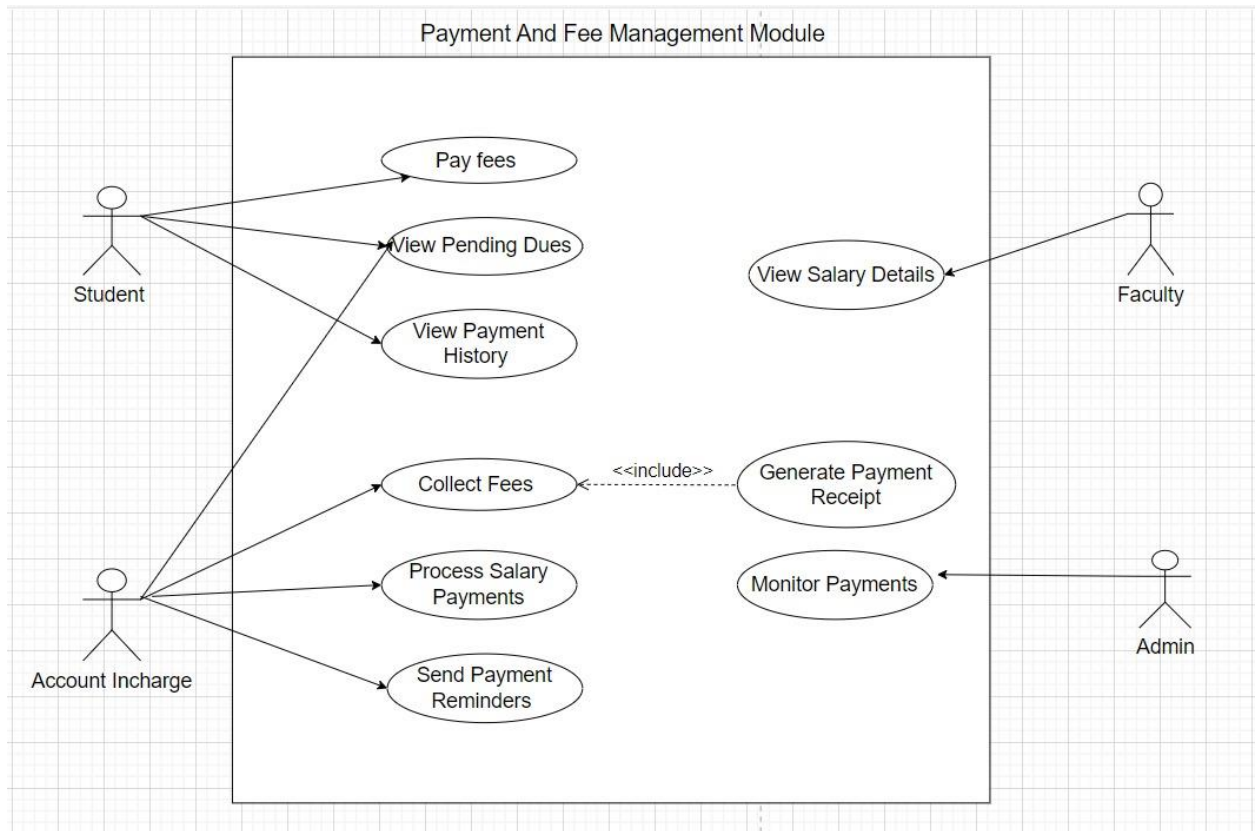
- Exam Scheduling – Automated scheduling to prevent conflicts
- Exam Paper Uploads – Faculty can securely upload exam papers
- Grade Submissions – Faculty can enter and update grades
- Feedback System – Provides insights into student performance



5. Payment and Fee Management – T B Sruthika

This module simplifies financial transactions related to campus activities:

- Fee Payments – Students can pay tuition and other fees online
- Financial Records Tracking – Monitors payment history
- Receipt Generation – Automated receipts for transactions
- Pending Payments Monitoring – Alerts for unpaid dues



Conclusion

The Smart Campus Management System ensures seamless academic and administrative operations by integrating these essential modules. It enhances efficiency, reduces manual work, and improves the campus experience for all stakeholders. With its centralized approach, the system fosters a well-organized and technology-driven campus environment.