User stories

**As an admin**, I want to add and update student information, so that the system has accurate student records.

**As a student**, I want to view my class schedule, so that I know when and where my classes are held.

**As a teacher**, I want to record and update student grades, so that students' progress can be monitored.

***Use Cases***

Use Case 1: Add and Update Student Information

user: Admin

Precondition: The admin is logged in and has access to the student management section.

Description: The admin adds a new student by entering the student's name, address, date of birth, and contact information. The admin can also update the student's grade level and academic records.

Postcondition: The student information is stored or updated in the system.

Use Case 2: Enroll Students in Classes

user: Admin

Precondition: Student information is already present in the system.

Description: The admin selects a student and assigns them to one or more classes.

Postcondition: The student's enrollment is registered in the system.

Use Case 3: View Class Schedule

user: Student

Precondition: The student is enrolled in one or more classes.

Description: The student logs into the system and views their class schedule, which includes the class name, time, and assigned teacher.

Postcondition: The schedule is displayed to the student.

Use Case 4: Check Grades

user: Student

Precondition: The student has completed assessments, and the teacher has entered grades into the system.

Description: The student logs into the system and views their grades for each subject.

Postcondition: The grades are displayed to the student.

Use Case 5: Record and Update Student Grades

user: Teacher

Precondition: The teacher has access to the list of students in their class.

Description: The teacher enters or updates grades for students based on their performance in assignments, quizzes, and exams.

Postcondition: The grades are recorded in the system.

Use Case 6: Manage Class Assignments and Schedules

user: Teacher

Precondition: The teacher is logged in and has been assigned classes by the admin.

Description: The teacher views the classes they are assigned to and can update the class schedule, including times and dates for lessons.

Postcondition: The updated class schedule is saved in the system.

Use Case 7: Assign Teachers to Classes

user: Admin

Precondition: The admin has access to teacher and class information.

Description: The admin selects a class and assigns a teacher to it based on the teacher's subject expertise and availability.

Postcondition: The teacher is assigned to the class in the system.

Use Case 8: Track Student Fee Payments

user: Admin

Precondition: The student has been enrolled, and fee information has been generated.

Description: The admin views the fee status for each student and updates the system when payments are made or reminders need to be sent for outstanding balances.

Postcondition: The fee payment information is updated in the system.

Use Case 9: View Fee Details

user: Student

Precondition: The student has outstanding or completed fee payments.

Description: The student logs in and views their fee amount, due date, and payment status.

Postcondition: The fee details are displayed to the student.

Use Case 10: Manage Roles and Permissions

user: Admin

Precondition: The admin has access to teacher and staff profiles.

Description: The admin assigns roles (such as teacher, administrator, counselor) to staff members, defining their access levels in the system.

Postcondition: The staff member’s roles and permissions are updated in the system.

Use Case 11: Manage Subjects

user: Admin

Precondition: The admin is logged in and has access to the subject management section.

Description: The admin adds new subjects or updates existing subjects in the system.

Postcondition: The subject list is updated in the system.

Use Case 12: Update Professional Details

user: Teacher

Precondition: The teacher has logged into the system.

Description: The teacher updates their professional details, such as qualifications, expertise, and contact information, so that the admin can use this information for assigning classes.

Postcondition: The teacher's professional details are updated in the system