Use Case: Login

Primary Actor(s):

* Student
* Course Coordinator
* TimeTable Coordinator

Use Case Description: This use case allows users (students, course coordinators, and timetable coordinators) to log into the system to access their respective functionalities.

Stakeholders and Interests:

* Student: Requires access to academic features.
* Course Coordinator: Needs system access for course-related tasks.
* TimeTable Coordinator: Manages class schedules and prerequisites.

Preconditions:

* The user must have valid login credentials.

Postconditions:

* The user is authenticated and granted access.

Inputs:

* Username
* Password

Outputs:

* LoginStatus (Success/Failure)

Main Success Scenario:

1. The user navigates to the login page.
2. The user enters a valid username and password.
3. The system verifies the credentials.
4. The system grants access and redirects the user to their dashboard.

Alternative Scenarios:

* 3. Invalid Credentials:
  + If the entered credentials are incorrect, the system displays an error message.
  + The user is prompted to re-enter valid credentials.
  1. System Error:
  + If an unexpected issue occurs, the system notifies the user and suggests retrying later.

Use Case: View Courses

Primary Actor(s):

* Student

Use Case Description: This use case allows students to view available courses for registration and academic tracking.

Stakeholders and Interests:

* Student: Requires course information for registration and planning.
* Course Coordinator: Ensures course details are correctly displayed.

Preconditions:

* The student must be logged into the system.

Postconditions:

* The student can view the list of available courses.

Inputs:

* StudentID

Outputs:

* CourseList

Main Success Scenario:

1. The student navigates to the "View Courses" section.
2. The system retrieves available courses for the student.
3. The system displays the course list.

Alternative Scenarios:

* 2. No Courses Available:
  + If no courses are found, the system informs the student that no courses are currently available.
  1. System Error:
  + If a technical issue occurs, the system notifies the student to try again later.