Use case name : Enrolling in a Course

Area: course system enrollment

Actor: Student

Description: This scenario describes the process of a student enrolling in a course.

Main Scenario:

1. The student logs into the system using their credentials.

2. The system displays the student's dashboard.

3. The student navigates to the course catalog or search functionality.

4. The student finds the desired course and selects it.

The system displays the course details, including the course name, instructor, schedule, and available seats.

5. The student reviews the course details and verifies that it matches their requirements and schedule.

6. if the course has prerequisites, the student checks if they have fulfilled them.

7. If prerequisites exist and the student has not fulfilled them, the system displays an error message and the scenario ends.

8. If prerequisites exist and the student has fulfilled them, or if no prerequisites exist, the student proceeds.

9. The student clicks on the "Enroll" button or link.

10. The system verifies if there are available seats in the course.

11. If there are no available seats, the system displays an error message indicating that the course is full, and the scenario ends.

12. If there are available seats, the system prompts the student to confirm their enrollment.

13. The student confirms their enrollment.

14. The system updates the student's enrollment status for the course and deducts 15. the appropriate course fee, if applicable.

16. The system displays a success message confirming the student's enrollment in the course.

17. The student can choose to view their enrolled courses or proceed with other actions within the system.

18. The scenario ends.

Preconditions:

.The student is registered in the system.

.The course is available for enrollment.

.The student meets the prerequisites, if any, for the course.

postcondition:

the student has successfully enroll the course