1.0 Use Cases

1.1 Use Case 1: Login

Narrative: As a student, I want to login with my student id so that I can save my schedule, my notes and other information.

Actors: Student, Database
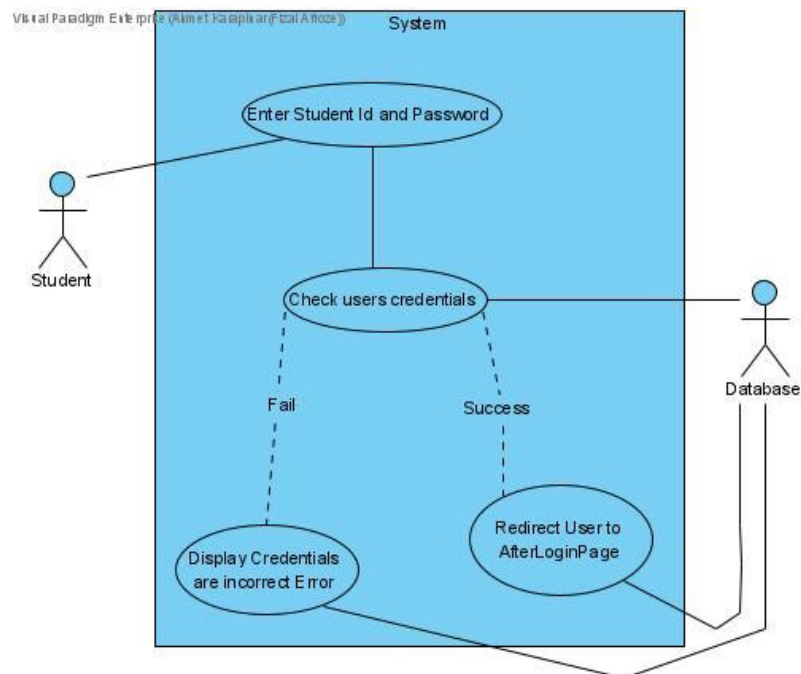
Acceptance Criteria:

Scenario 1: Students can login to save notes as reminders for their courses.

Pre-condition: Student has valid credentials
Post-condition: Student sent a valid POST request and got a successful return

Given that students login, they are to use their student id and their password that was provided. If they entered the correct credentials, they would get access to the student interface. Otherwise, they will be redirected to the login page.

Login Use Case Model

1.2 Use Case 2: Courses

Narrative: As a teacher, I want to create a course so that students can pick for their schedule.

Actors: Teacher, Database
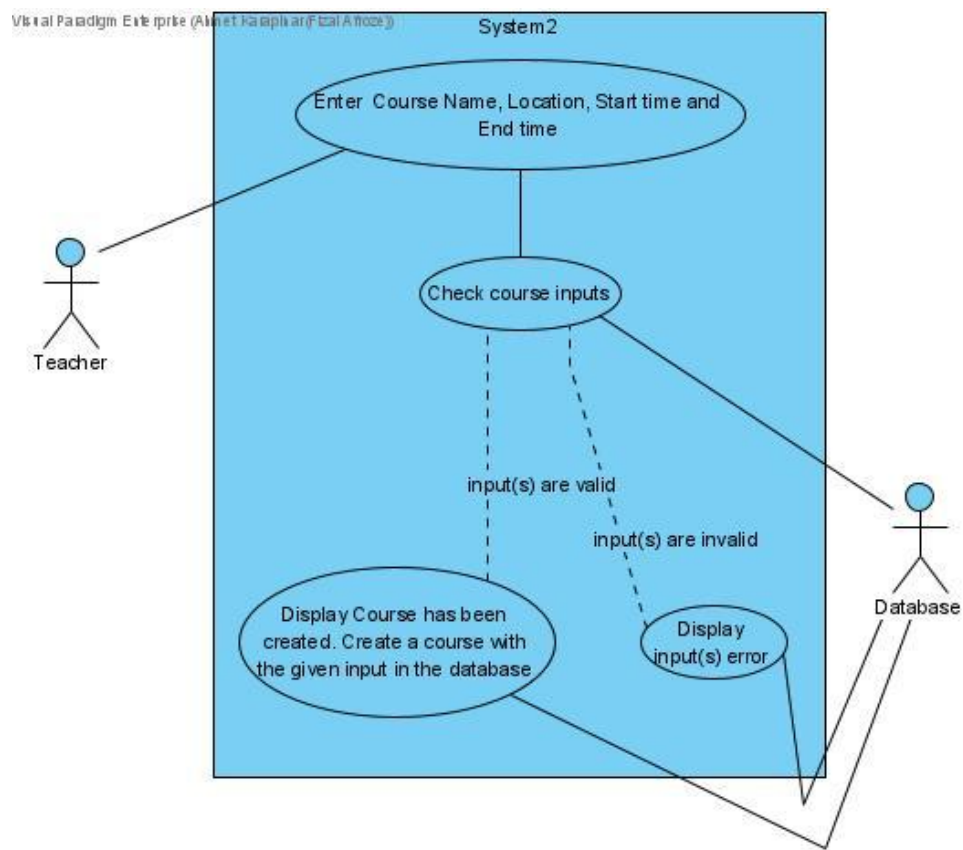
Acceptance Criteria:

Scenario 1: Teachers can create courses for students to choose for their degree requirements.

Pre-condition: Teacher has already been logged in with his/her correct credentials.
Post-condition: Course has been created with correct inputs.

Given that a teacher wants to create a course, students will be provided with the course name, start and end of the semester. Lastly, it will be saved to the database and students will be able to see this course.

Course Creation Use Case Model

1.3 Use Case 3: Online Assistance

Narrative: As a student, I want to chat with people in my courses and build a schedule. Therefore, I am being provided with resourceful tips.

Actors: Student, Online ChatBot
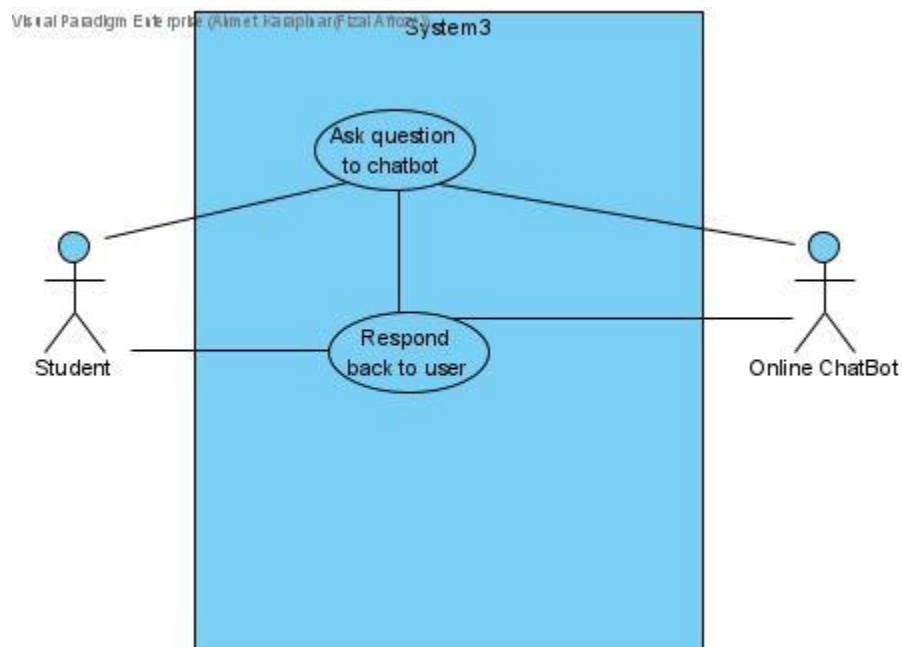
Acceptance Criteria:

Scenario 1: Students may want to use the online assistance to book an appointment with their academic advisors to see what the student's schedule could be for the following semesters.

Pre-condition: Student is already logged in.
Post-condition: No valid character has been entered into the chat box and successfully saved the message.

Given that the website is down, there will be some technical difficulties that need to be resolved. For instance, there could be certain updates that need to be applied for the website to run smoothly on any devices and browsers. Once all errors are fixed, the students will be notified so that they can log back into the system.

Online Assistance Use Case Model

1.4 Use Case 4: Notification

Narrative: As a student, they can be reminded with different tasks that need to be accomplished. That way, students do not forget and can prioritize accordingly.

Acceptance Criteria: Student, Database

Scenario 1: For different courses, students can be reminded if there is an assignment or evaluations.

Pre-condition: Student has a active schedule and already logged in
Post-condition: A notification has been successfully put in a queue for display.

Given that a notification comes up, students can prioritize accordingly as to what type of submission is required from their teachers.

Notification Use Case Model