

# Faculty Feedback Management System - Deliverable 2

---

Course: CS3009 - Software Engineering - Spring 2025

Project: Faculty Feedback Management System

Team Members: i221059-i221136-i220868

Submission Date: March 23, 2025

## A. Software Requirements Specification (SRS)

### 1. Functional Requirements

- Faculty and students can register/login.
- Students can submit anonymous feedback.
- Faculty can view submitted feedback.
- Admin can generate basic reports.

### 2. Non-Functional Requirements

#### - Product Requirements:

- Responsive and available 24/7.
- Provide confirmation on user actions.

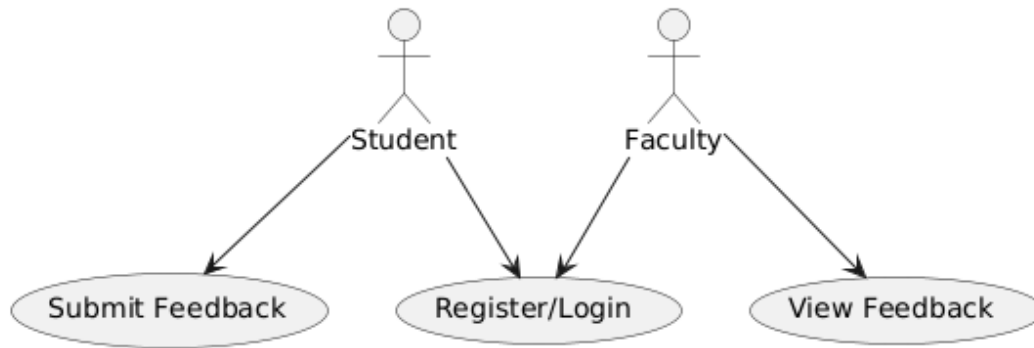
#### - Organizational Requirements:

- Open-source stack: Java, Spring Boot, MySQL.
- Version control using GitHub.

#### - External Requirements:

- MySQL 8.0+ and Java 17+ support.
- GDPR compliance for user data.

### 3. Use Case Diagram



## B. User Stories and Conditions

### 1. Student Registration

- Role: Student
- Goal: Register an account
- Reason: So the student can access the feedback portal securely
- Pre-condition: Student has not registered before
- Post-condition: Student's data is stored in the database

### 2. Student Login

- Role: Student
- Goal: Login to the system
- Reason: So the student can submit feedback
- Pre-condition: Student has registered
- Post-condition: Student is authenticated and session started

### 3. Submit Feedback

- Role: Student
- Goal: Submit feedback anonymously
- Reason: To give honest feedback about a course or faculty
- Pre-condition: Student is logged in

- Post-condition: Feedback is saved to the database anonymously

#### **4. Faculty Registration**

- Role: Faculty
- Goal: Register an account
- Reason: So the faculty member can view student feedback
- Pre-condition: Faculty is new to the system
- Post-condition: Faculty data is saved in the database

#### **5. Faculty Login**

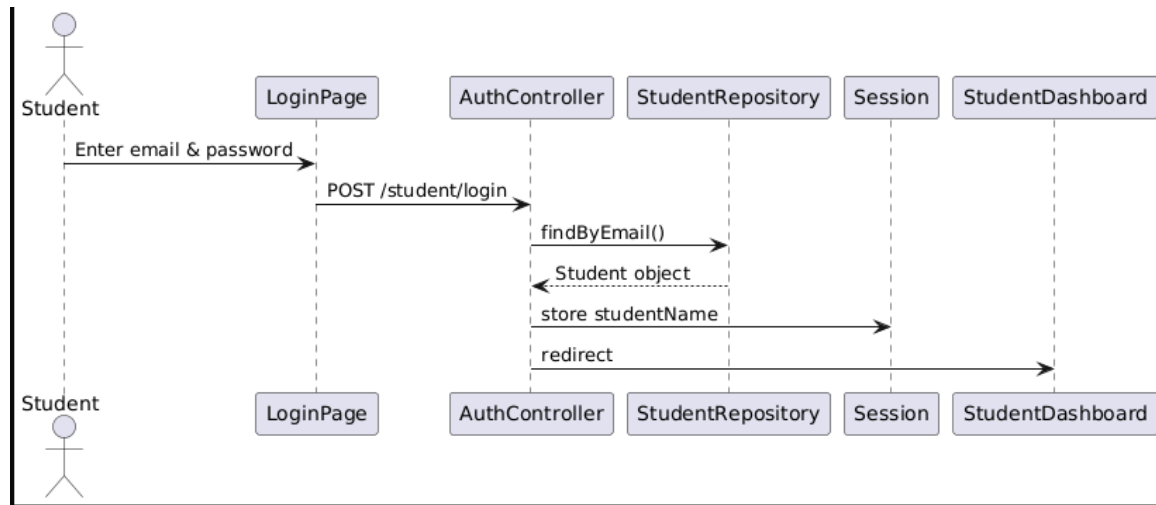
- Role: Faculty
- Goal: Login to the system
- Reason: So the faculty can access their dashboard
- Pre-condition: Faculty has registered
- Post-condition: Faculty session is started

#### **6. View Feedback Reports**

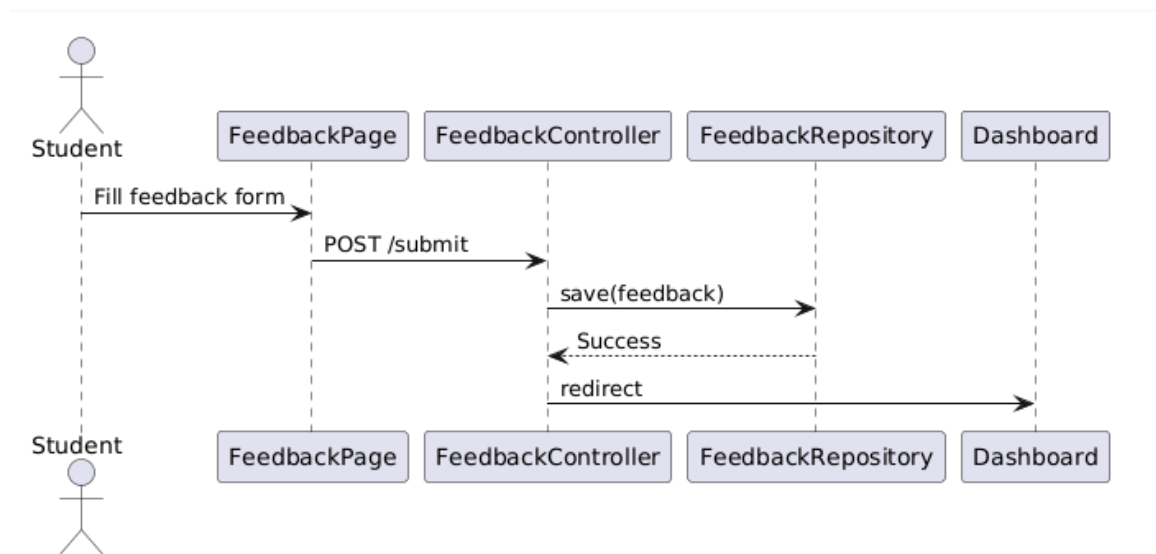
- Role: Faculty
- Goal: View feedback submitted by students
- Reason: To improve teaching based on student feedback
- Pre-condition: Faculty is logged in
- Post-condition: Feedback entries are retrieved and displayed

## C. Sequence Diagrams

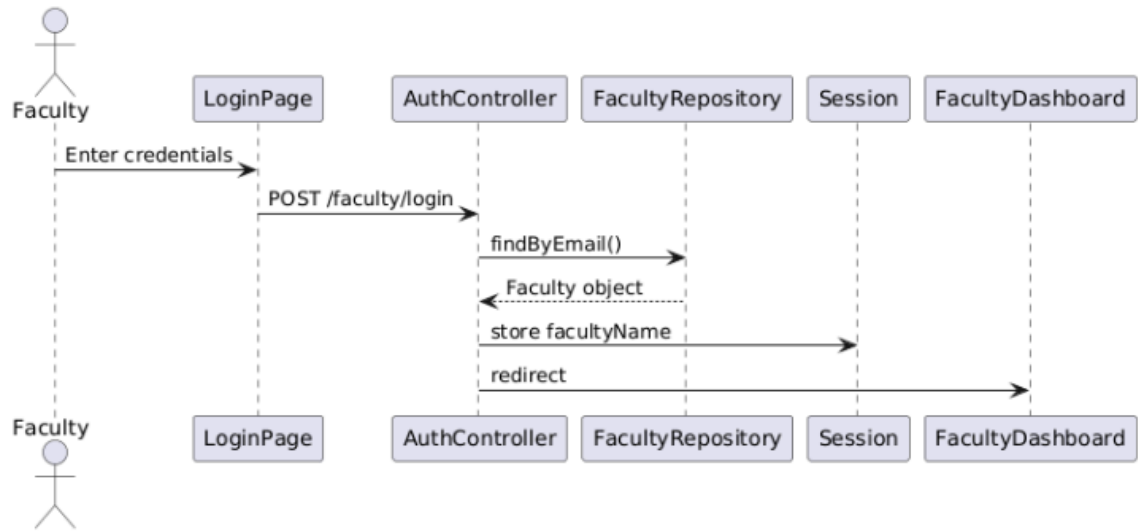
### 1. Student Login



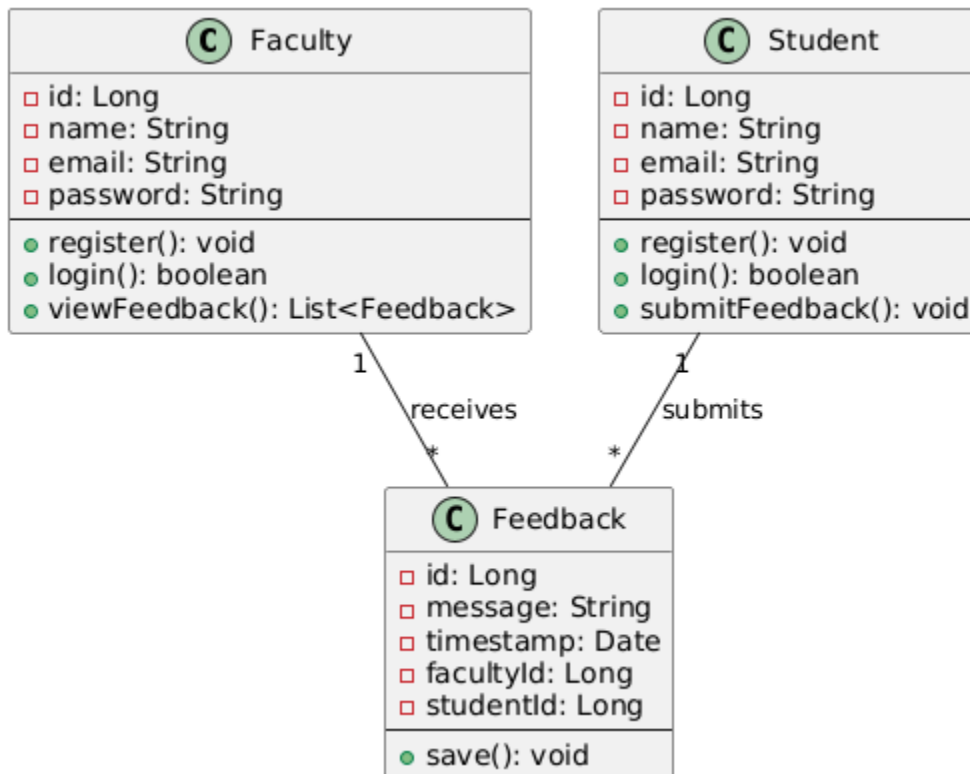
### 2. Feedback Submission



### 3. Faculty Login + View Dashboard



## Class Diagram



Screenshot of a web browser showing the GitHub repository page for `saad1059/faculty-feedback-system/branches`. The page displays the following information:

- Overview:** Search branches...
- Default:** A table showing the `main` branch, updated 8 hours ago, with a pull request status of `Default`.
- Your branches:** A table showing two branches: `sprint2` (updated now, 1 behind, 2 ahead) and `sprint1` (updated 2 minutes ago, 1 behind, 1 ahead).
- Active branches:** A table showing two branches: `sprint2` (updated now, 1 behind, 2 ahead) and `sprint1` (updated 2 minutes ago, 1 behind, 1 ahead).

The browser's taskbar at the bottom shows the system clock as 10:51 PM on 3/23/2025.