Faculty Feedback Management System - Deliverable 2

Course: CS3009 - Software Engineering - Spring 2025

Project: Faculty Feedback Management System

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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:

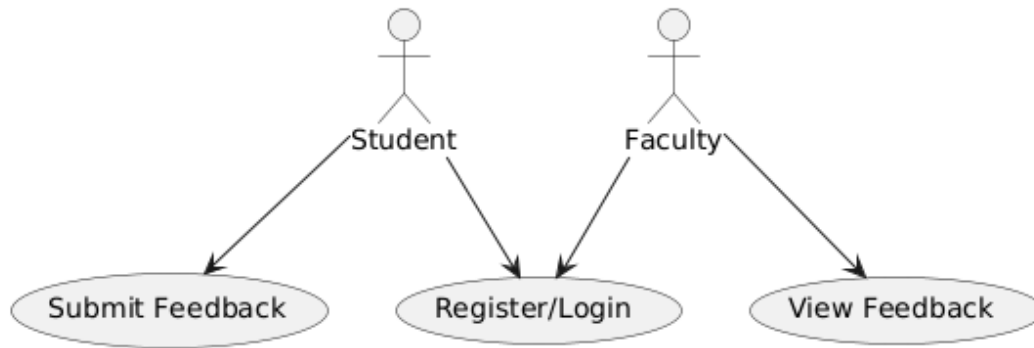 • Responsive and available 24/7.

 • 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
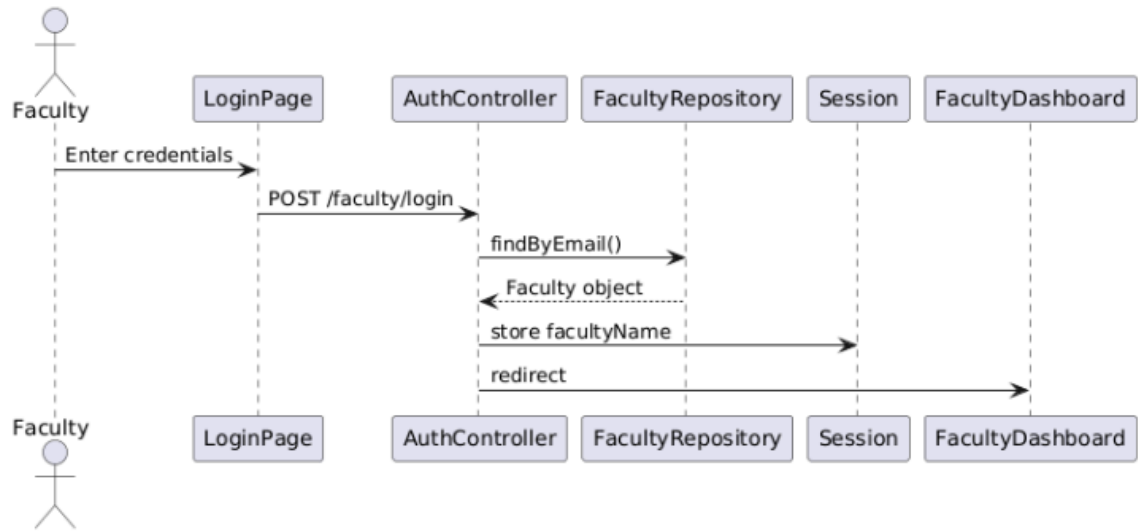
C. Sequence Diagrams
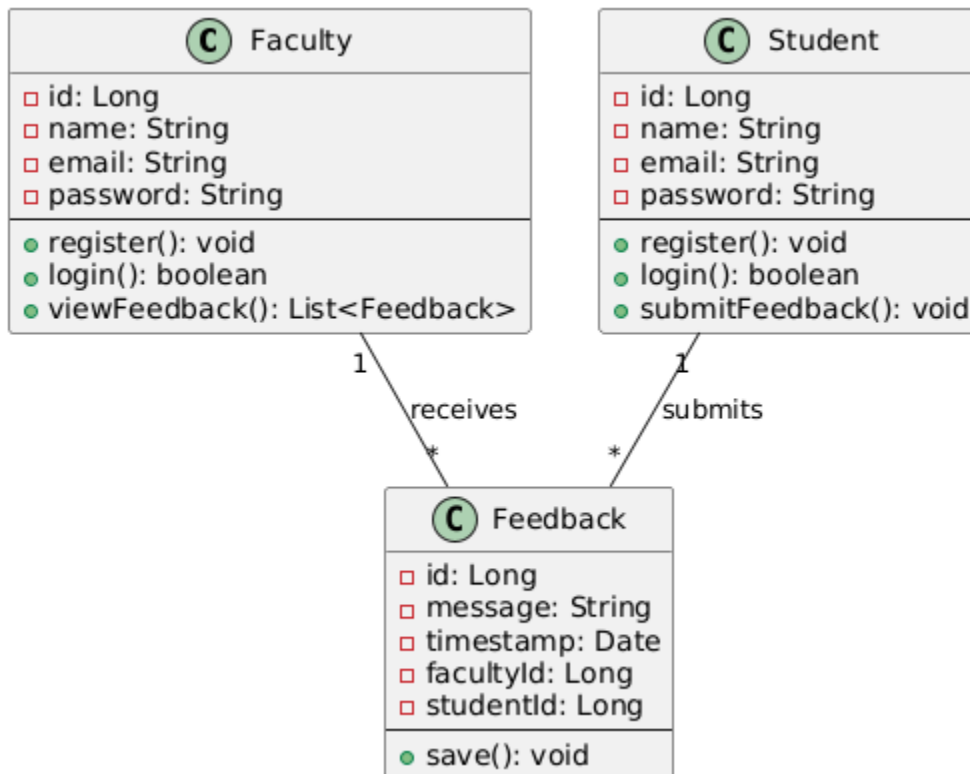
1. Student Login
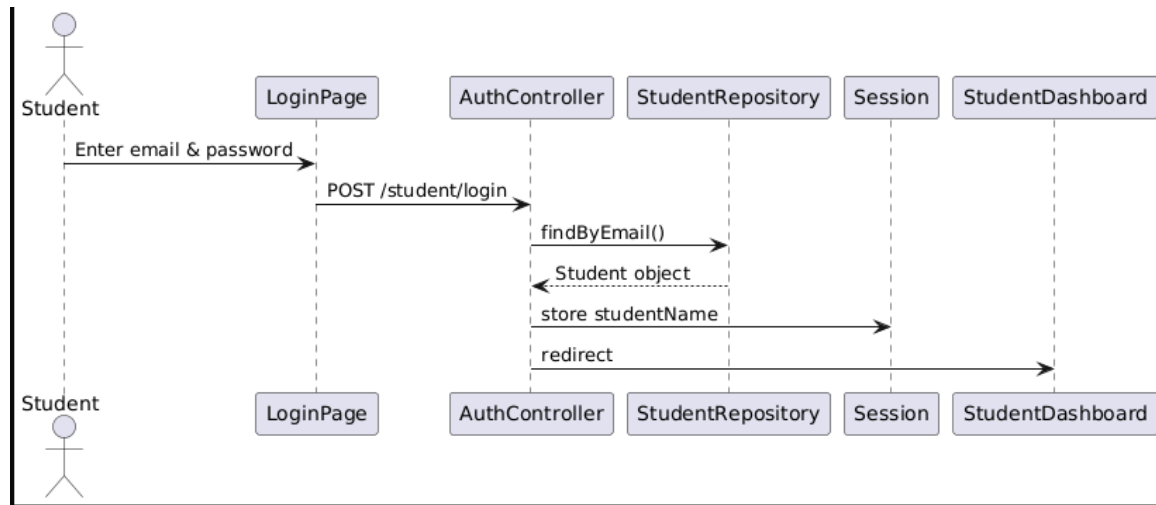
2. Feedback Submission
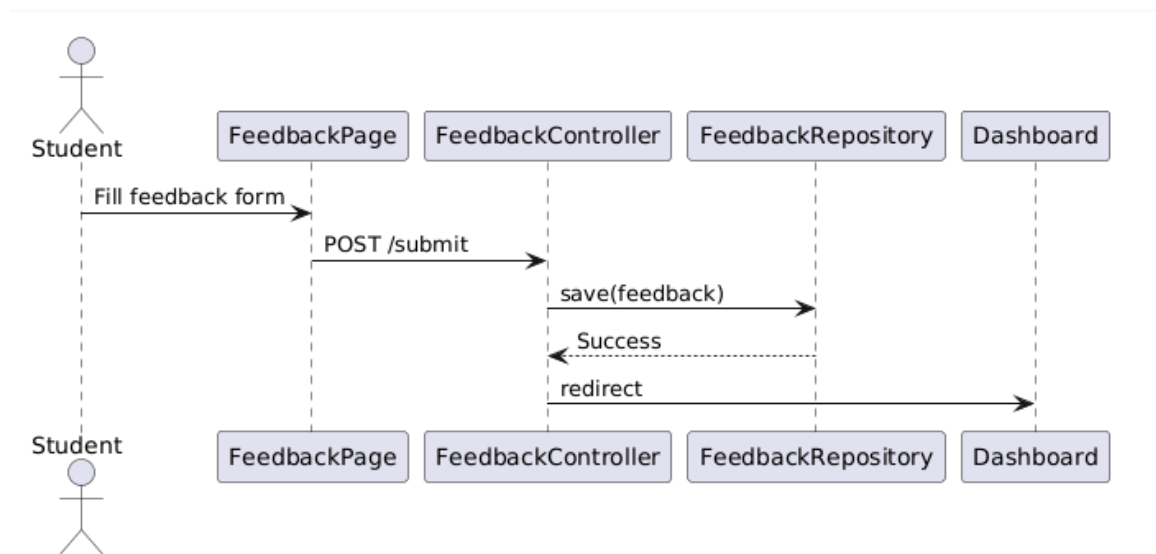
3. Faculty Login + View Dashboard

Class Diagram