CSC425 Fall 2025
Student Name: Jada Carter
Date Submitted: 9/20/2025
GitHub REPO URL: https://github.com/MUS1C17/CSC425Team3/
Branch Name: Jada_Deliv_Four

1. 1. Low-Fidelity Wireframes (Mobile-First)
   a. My sketches are a pdf file inside of the branch.
2. Functional Requirements
   a. User Authentication
      i. Student and instructor sign-up, login, and logout.
      ii. Option for students to join sessions via QR code without account creation (anonymous participation).
   b. Q&A Management (CRUD Operations)
      i. Students can create questions anonymously in real-time.
      ii. Instructors can read and view incoming questions.
      iii. Instructors can update responses (live answers during class or written answers after class).
      iv. Instructors can delete or moderate inappropriate submissions.
   c. Navigation Between Core Pages
      i. Explained by the user journey workflow.
      ii. Smooth navigation for both student and instructor roles.
   d. Data Persistence & Backend Integration
      i. Secure storage of questions, responses, and session data in a backend database.
      ii. Persistent Q&A threads remain accessible after class.
      iii. Integration with cloud services for scalability.
   e. Error Handling & Input Validation
      i. Prevent empty or duplicate question submissions.
      ii. Validate instructor session codes and student entries.
      iii. Clear error messages for login/session failures.
   f. Additional Engagement Features
      i. Upvoting system to prioritize popular or repeated questions.
      ii. Question clustering/deduplication to reduce overload.
      iii. Instructor moderation tools (approve, filter, or group questions).

3. User Stories

a. As a student, I want to be able to submit questions on a slide of a presentation so that the professor can see the question without me having to ask the question out loud during class time, keeping me from possibly feeling embarrassed.
b. As a professor, I want to be able to see questions students have submitted for a presentation, so that I am able to help students have a better understanding of the content without the workflow of the class being interrupted.
c. As a professor/student, I want to be able to view questions and answers to the questions after class time is over so that I have access to the information that is provided by the answers, and be able to correctly correspond an answer to a specific question.
d. As a student, I want to be able to ask questions on a presentation after class is over for a specific time frame so that if I have any questions that I did not have in class I will be able to ask.

4. User Journey Flow
   a. This is also on a separate document.