Template: Deliverable 4: Wireframes & Feature Plan

CSC425 Fall 2025

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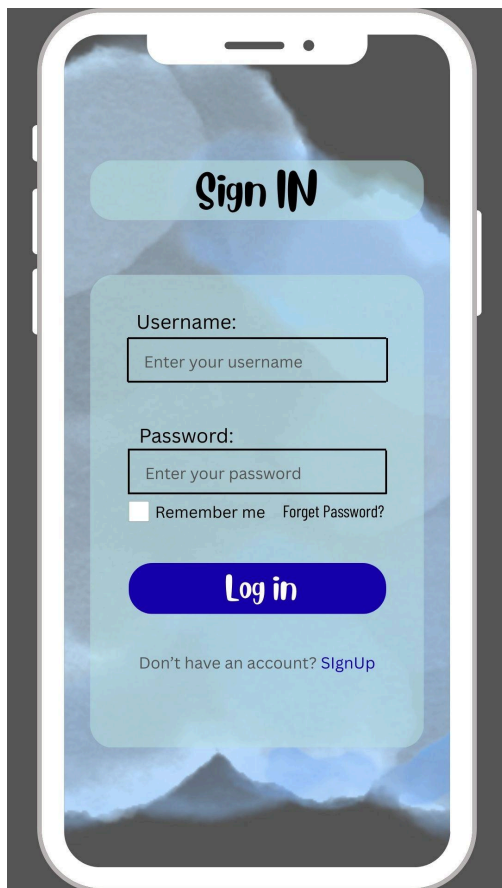
GitHub REPO URL: https://github.com/MUS1C17/CSC425Team3.git

Branch Name: d4-jahzara-broaster

1. Low-Fidelity Wireframes (Mobile-First)

Insert/export images of your sketches or digital mockups. Each wireframe should be clearly labeled.
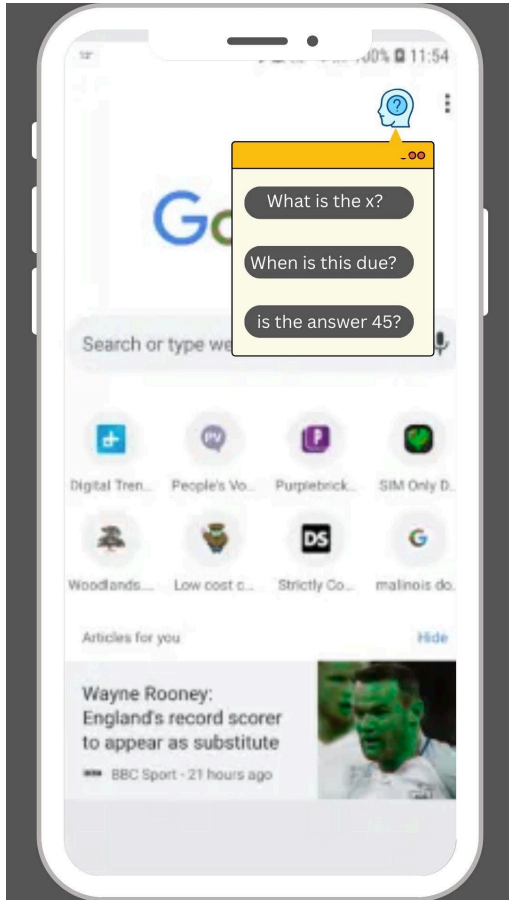
• Login Screen

• Dashboard Screen

• Additional Major Screens (if applicable)

2. Functional Requirements

User Authentication

- Sign up, login, logout (including Google login support)
- Secure password handling and session management

Class & Lecture Management (Teachers)

- Create, update, delete classes and lectures
- Invite students via email to join classes
- Remove students from a classroom

Comment & Discussion System (Students & Teachers)

- Create → Students can submit comments/questions (anonymous or named)
- Read → Students and teachers can view all comments/questions after a lecture
- Update → Students can edit their own comments; teachers can update statuses (e.g., "addressed")

- Delete → Students can delete their own comments; teachers can remove inappropriate content

Collaboration & Interaction

- Students can view and comment on other students' posts
- Threaded replies for ongoing discussions after lectures

UI/UX Personalization (All Users)

- Toggle between light and dark mode
- Adjust text size for accessibility

Navigation

- Core flow: Login/Sign up → Dashboard → Classes → Lectures → Comments/Discussions

Data Persistence & Backend Integration

- Real-time sync (e.g., Supabase or Firebase) for comments, lectures, and class updates
- Persistent user preferences (theme, text size, anonymity settings)

Instructor Dashboard (Teachers)

- View all student activity in classes
- Filter, search, and sort comments/questions
- Export data for reports

Error Handling & Input Validation

- Invalid login attempts
- Empty comment submissions
- Duplicate comments or spam detection

Notifications (Optional)

- Students receive push/email notifications when their comment is replied to or highlighted
- Teachers notified when new students join or new comments are posted

3. User Stories

Provide 3–5 detailed user stories following the required format.

1. As a teacher, I want to create and delete classes AND lectures, so that I can manage the content and structure of my courses.
2. As a student, I want to toggle between being anonymous or showing my name, so that I can choose how I participate in discussions.
3. As a student, I want to see and respond to comments after the lecture is finished, so that I can continue engaging with the material and classmates.
4. As a student, I want to delete or edit my comment, so that I can correct mistakes or remove something I no longer want shared.
5. As a teacher, I want to remove and add students to/from a classroom, so that I can maintain control over class membership.

4. User Journey Flow

User opens app → Login screen

● Default path: User enters credentials → redirected to **Dashboard**.
● Alternative path: User selects **Sign up** → creates account → redirected to **Dashboard**.

Dashboard → Class Management

● User taps the **plus icon** to add a new class.
● Newly created class appears on the **Dashboard**.

Class → Lectures

● User selects a class icon.
● User can either:
    ○ Enter a **class code** to join, or
    ○ Start a new **Lecture**.

Lecture → Comments

● User views lecture content.
● User can view and respond to **comments/discussions**.

User Menu (three-line icon)

● User can edit **profile information**.
● User can **log out**, ending the session.

Notifications (bell icon)

● Displays **unread comments/notifications**.
● Clicking opens recent updates for quick review.

(Optional Note)

This is my individual submission. The team will review all submissions and agree on a final version for project continuation.

5. Document Layout Professional

Document must be organized, clean, professional, and ready for a developer to pick it up and begin coding.

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