Deliverable 4: Wireframes & Feature Plan

CSC425 Fall 2025

Student Name: Sameer Thapa

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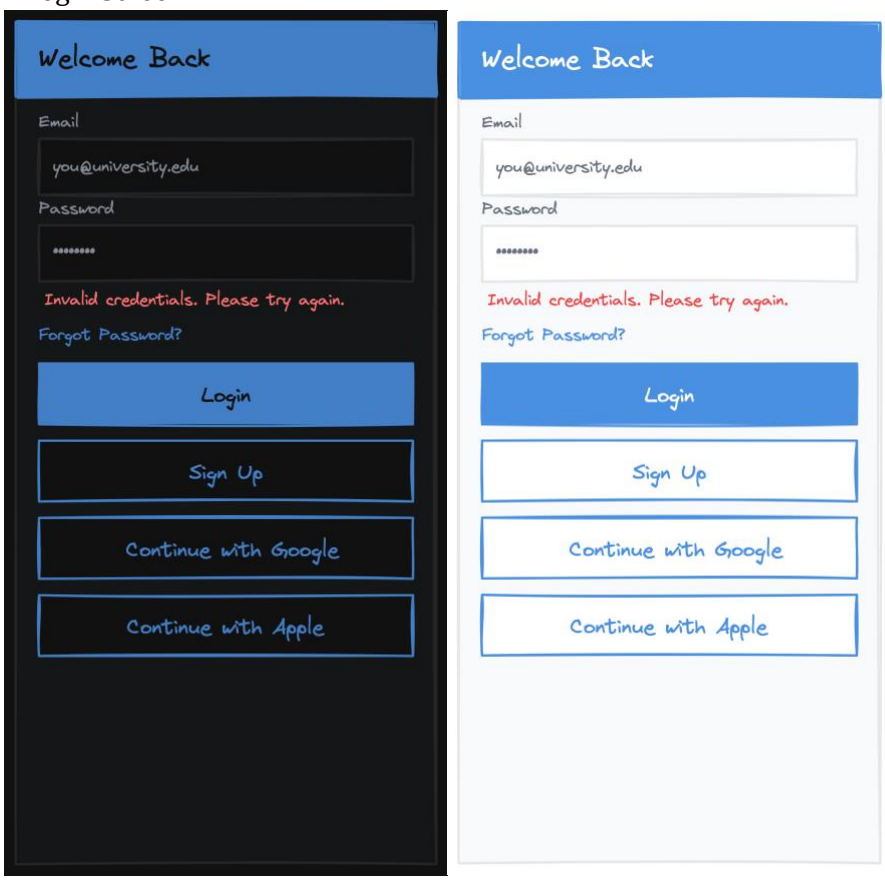
GitHub REPO URL: https://github.com/sameerthapax/Multi-Page-Website

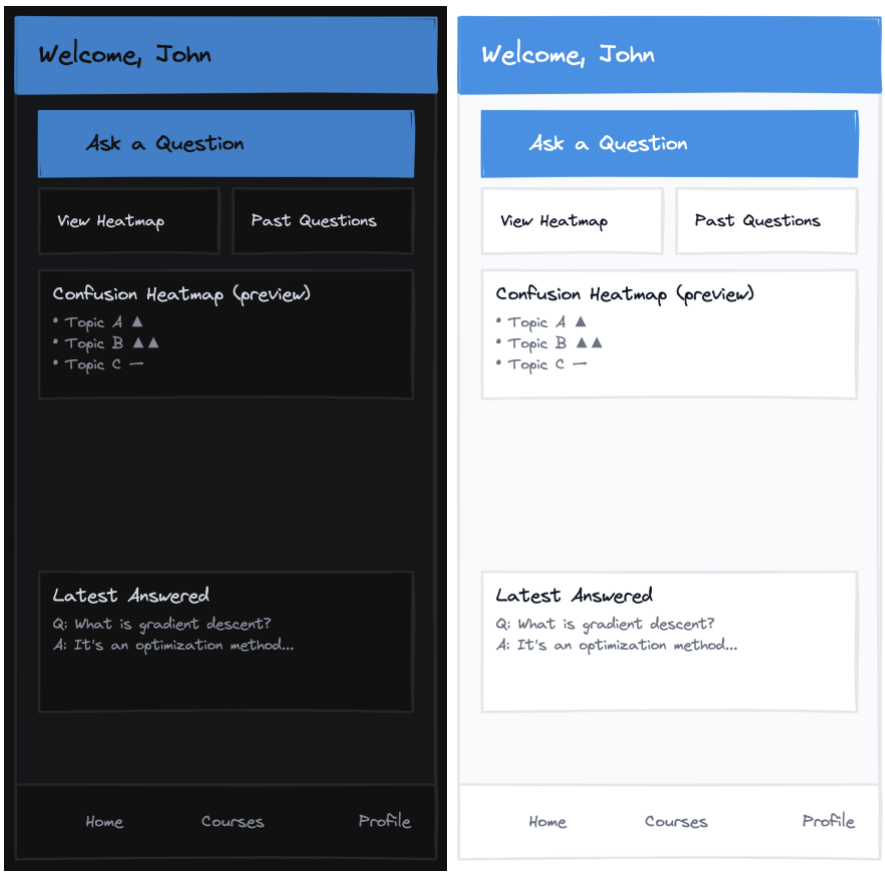
Branch Name: d2-sameer-thapa

1. Low-Fidelity Wireframes (Mobile-First)

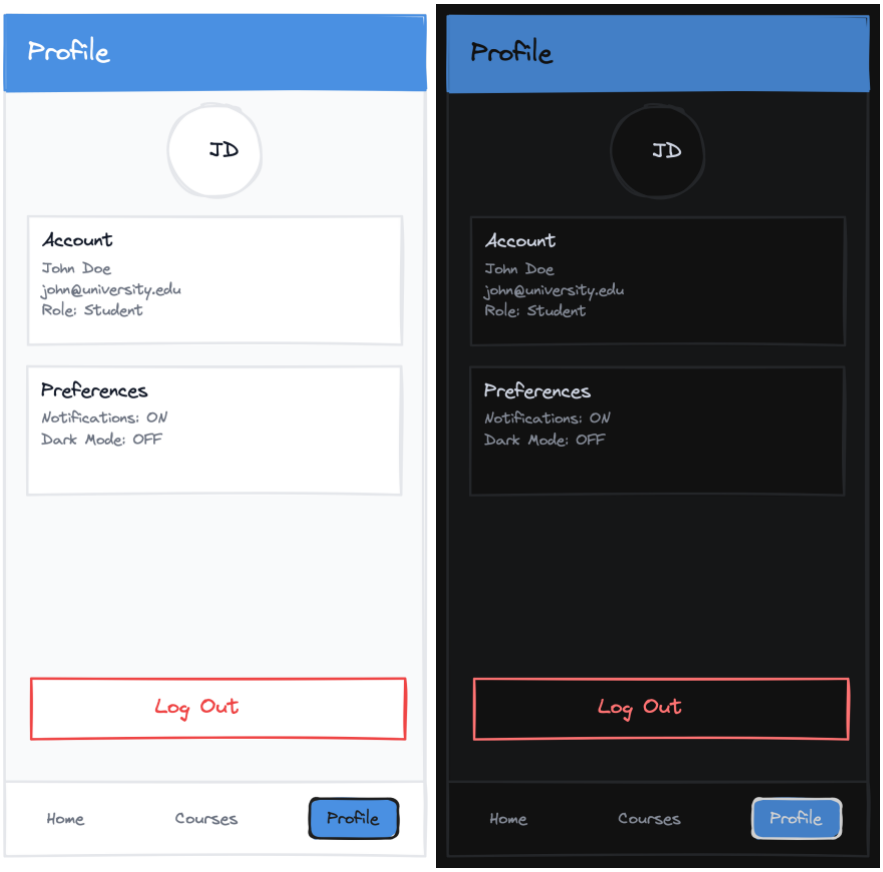
• Login Screen



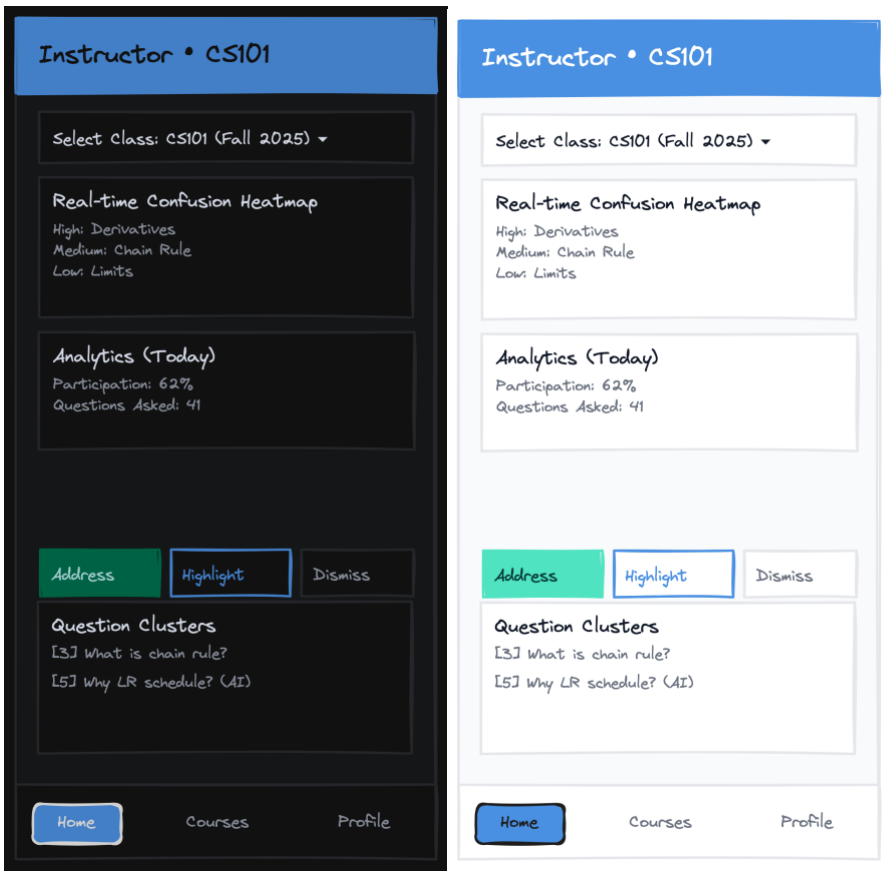
• Student Dashboard Screen



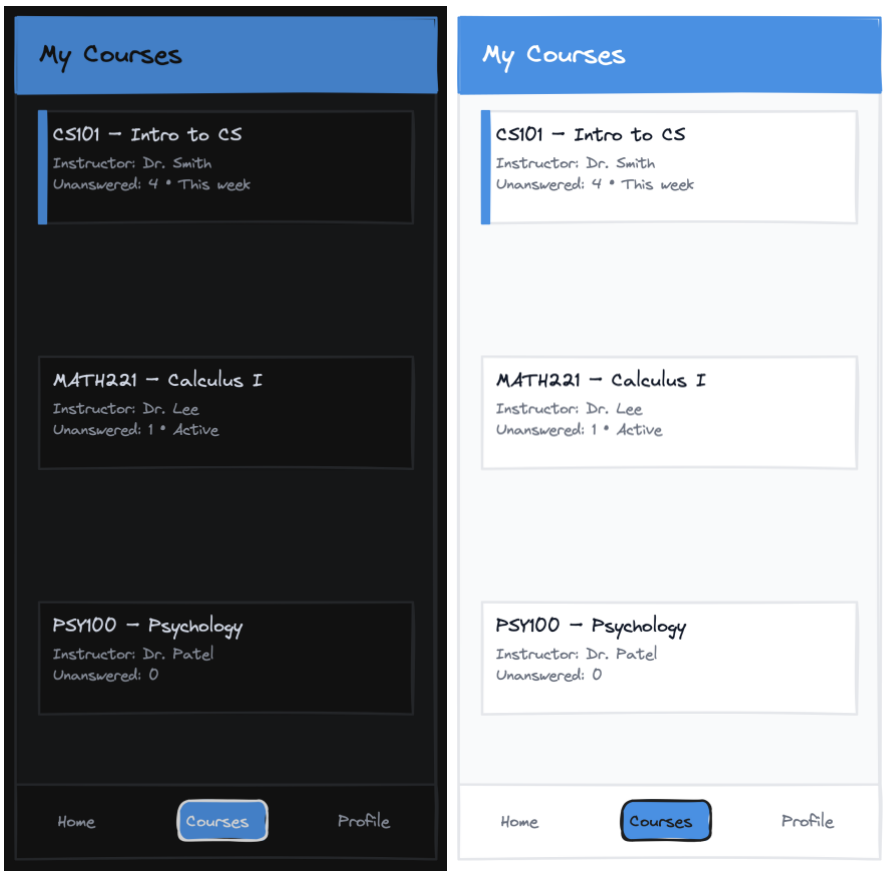
- Profile Screen



• Instructor Dashboard Screen



- Courses Screen



2. Functional Requirements

- User authentication (sign up, login, logout)
- Anonymous Q&A submission (student-driven)
- Confusion heatmap visible to instructors
- Question clustering and AI summarization
- Navigation between core pages (Login → Dashboard → Q&A → Profile)
- Data persistence with backend (Supabase/Node.js)
- Error handling & input validation
- Instructor dashboard for aggregated analytics
- Mobile-first design with responsive UI
- Secure storage and FERPA-compliant privacy measures

3. User Stories

1. As a student, I want to submit anonymous questions during lecture, so that I can get help without fear of embarrassment.

2. As an instructor, I want to see a real-time heatmap of student confusion, so that I can adjust my lecture pace accordingly.

3. As a student, I want to review all questions and instructor responses after class, so that I can study more effectively.

4. As an administrator, I want to view usage analytics across courses, so that I can evaluate adoption and learning impact.

4. User Journey Flow

Option B: Written Description

1. User opens app → sees login screen.

2. User logs in successfully → redirected to dashboard.

3. Dashboard shows 'Ask a Question' and 'View Heatmap' options.

4. Student selects 'Ask a Question' → types anonymous query → submits.

5. Instructor dashboard updates in real-time with question clusters and heatmap.

6. After class, student opens app → sees list of answered questions for review.

7. User logs out → session ends.

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