Deliverable 4: Wireframes & Feature Plan

CSC425 – Fall 2025
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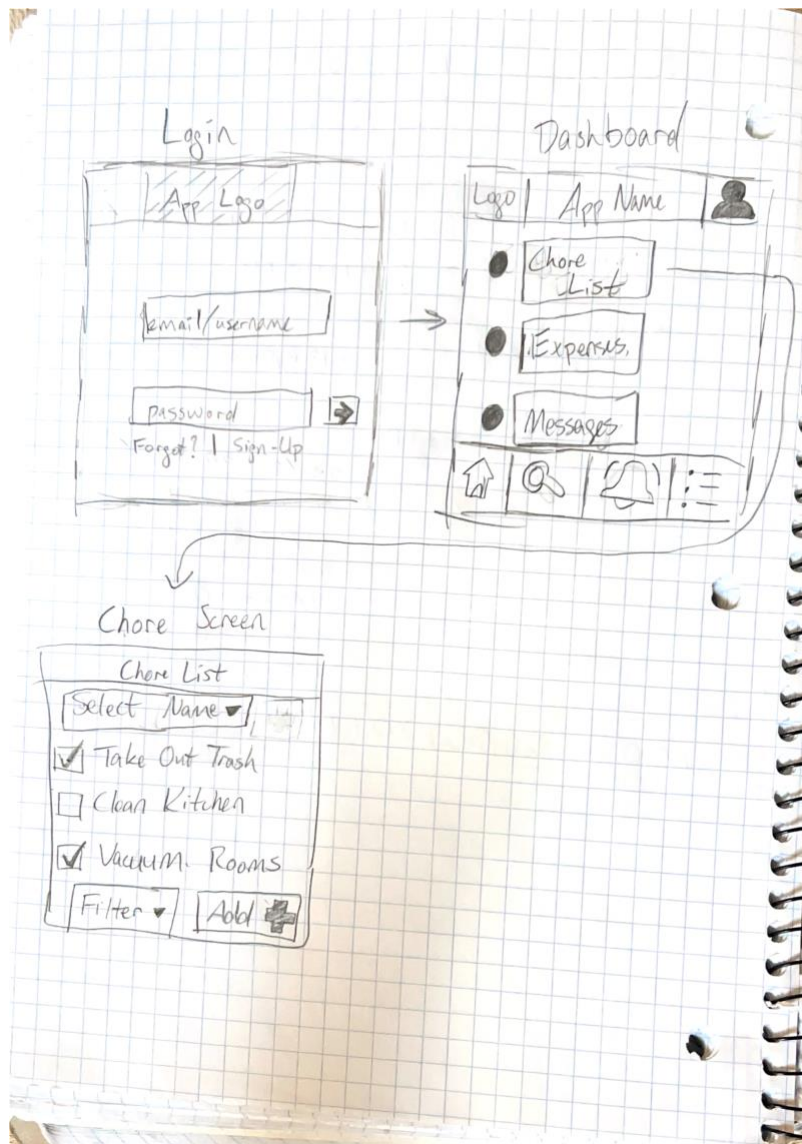**Date Submitted:** Sep 21, 2025
GitHub REPO URL: https://github.com/Unluckytoast/CSCS-425-Team-2.git
Branch Name: zachwaltersD4

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1. Low-Fidelity Wireframes (Mobile-First)

Login Screen, Dashboard, and Chore List

2. Functional Requirements

- **User Authentication**
  - Sign up with email/username and password.
  - Login/logout functionality.
- **Core Features**
  - **Expense Tracking**: Create, view, update, and delete shared expenses. Automatically calculate balances owed.
  - **Chore Management**: Add/edit chores, assign to roommates, mark as complete.
  - **Messaging/Announcements**: Send group messages or leave notes for all roommates.
  - **Notifications**: Reminders for unpaid bills or pending chores.
- **Navigation**
  - Mobile-friendly navigation between Login → Dashboard → Bills → Chores → Messaging.
- **Backend & Data Persistence**
  - All expenses, chores, and user info saved in database.
  - Real-time updates (if possible).
- **Error Handling & Validation**
  - Prevent invalid inputs (e.g., negative expense values).
  - Show error messages for failed login or missing data.

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3. User Stories

1. **As a roommate, I want to log into the app securely, so that only I can access my shared house information.**
2. **As a roommate, I want to add a new expense and split it evenly, so that everyone knows how much they owe.**
3. **As a roommate, I want to see my assigned chores, so that I know what tasks I am responsible for this week.**
4. **As a roommate, I want to send a quick note to all my housemates, so that we can communicate about bills and chores in one place.**
5. **As a roommate, I want to receive notifications about unpaid bills, so that I don't forget to pay my share.**

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4. User Journey Flow

Option B: Written Description

1. User opens app → sees **Login screen**.
2. User logs in successfully → redirected to **Dashboard**.

3. From dashboard, user can:
   - o   Tap **"Expenses"** → view/add expenses.
   - o   Tap **"Chores"** → see or mark completed tasks.
   - o   Tap **"Messages"** → send/receive roommate notes.
4. User completes action → confirmation shown, data saved.
5. User logs out → session ends.