

Deliverable 4: Wireframes & Feature Plan

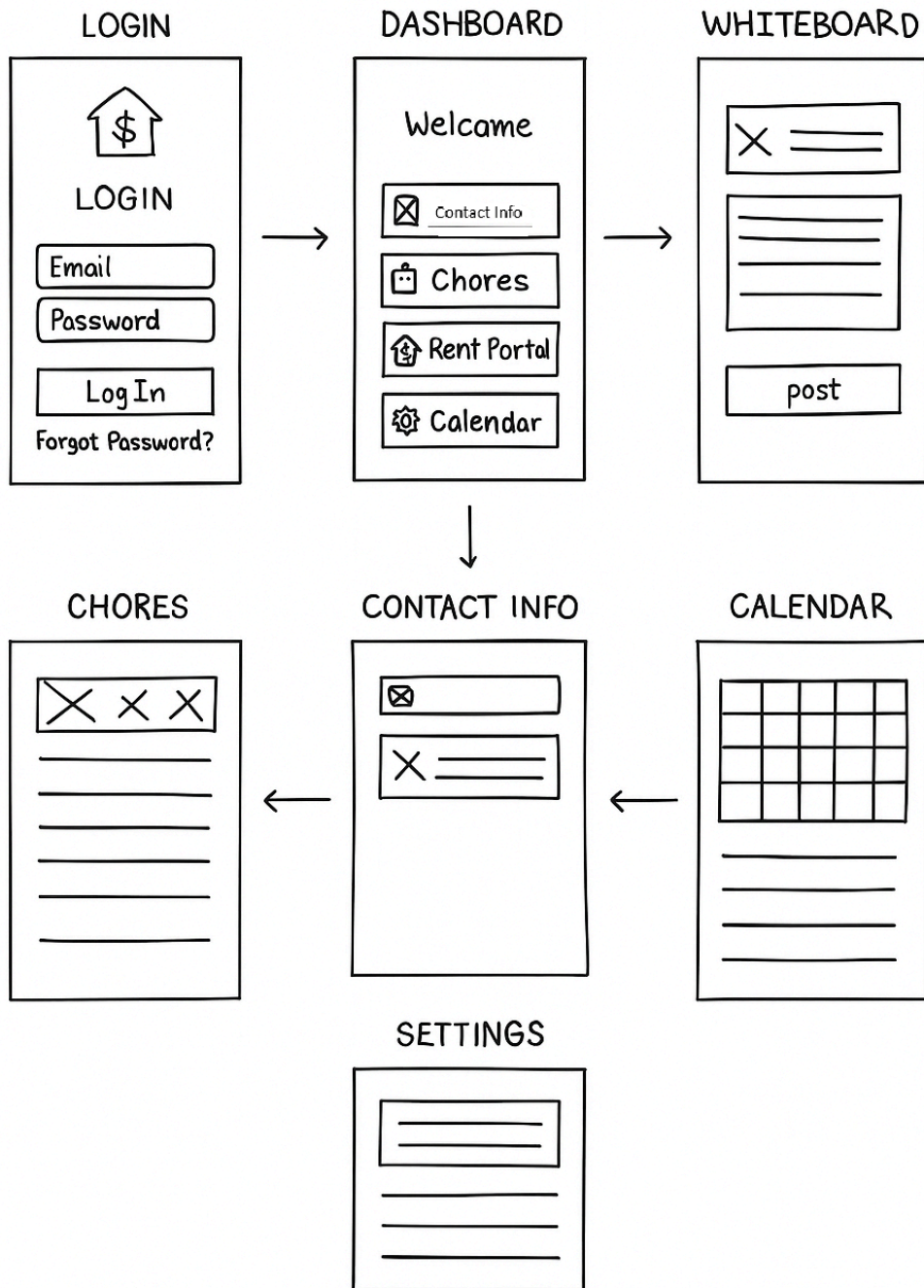
CSC425 Fall 2025

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GitHub REPO URL: <https://github.com/Unluckytoast/CSCS-425-Team-2.git>

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1. Low-Fidelity Wireframes (Mobile-First)



2. Functional Requirements

- User Management: Secure sign-up/login/logout with role-based access (tenant and admin), plus household linking via invite code
- Core Features: Full CRUD for tasks, announcements, and rent tracking with roommate-specific visibility, due dates, and status updates
- Navigation & UI: Mobile-first design with smooth transitions between dashboard, calendar, payments, and admin tools
- Calendar & Notifications: Shared calendar (custom or Google-integrated) and nudges for overdue tasks, rent deadlines, and new posts
- Admin Tools: Landlord/RA dashboard to view tenant activity, send announcements, moderate content, and export data
- Gamification: Points, badges, and leaderboards for completed chores to encourage engagement
- Smart Add-ons: AI task suggestions, shared shopping list, maintenance request form, and roommate sentiment check-ins

3. User Stories

1. As a tenant, I want to log in and use the whiteboard feature to make announcements to other roommates, so that everyone stays up to date.
2. As a landlord/RA, I want to log in and view tenant actions through the admin dashboard, so that I can prepare for meetings and address issues efficiently.
3. As a tenant, I want to check if my roommates have paid rent and see what's due, so that I can stay informed and avoid late fees.
4. As a tenant, I want to perform CRUD operations on a shared task list, so that household chores are organized and tracked.
5. As a tenant, I want to view a shared calendar, so that I can plan around roommate schedules and events.

4. User Journey Flow

Written Description

1. User opens app and sees the login screen
2. User logs in successfully and is redirected to the dashboard
3. User selects the Whiteboard feature and views existing announcements
4. User creates a new announcement, which is validated and saved to the database

5. User navigates to the Rent Portal and views roommate payment status
6. User opens the Calendar to see shared events and availability
7. User accesses the Task Page and performs CRUD operations on the chore list
8. Admin logs in and views tenant activity summary via the dashboard
9. User logs out and the session ends