

Release Plan - Campus Library Seat Finder

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Product Name: Campus Library Seat Finder (CLSF)

Release Name: v1.0

Release Date: June 3, 2025

Revision: 1.0

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High Level Goals

Create a functional study group platform where users can create accounts, discover study groups by subject and location, create their own study groups, and communicate with group members through integrated chat functionality.

User Stories by Sprint

Sprint 1 (4/11-4/22)

Goal: Build core authentication and user routing flow

- High Priority - US1.1: Account Creation [3 story points]
As a new user, I want to create an account so that I can use the app features
- High Priority - US1.2: User Login [3 story points]
As a returning user, I want to log in securely so I can access my profile and groups
- Medium Priority - US1.3: Homepage Routing [2 story points]
As a user, I want to be routed to the homepage after login so I know I've successfully signed in

Sprint 1 Total: 8 story points

Sprint 2 (4/23-5/6)

Goal: Implement navigation and group discovery

- High Priority - US2.1: Group Search & Discovery [4 story points]
As a user, I want to search for groups by subject and location so I can find relevant

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groups

- High Priority - US2.2: App Navigation [2 story points]
As a user, I want to navigate easily between key app pages
- Medium Priority - US2.3: Group Details View [2 story points]
As a user, I want to see detailed group info before joining

Sprint 2 Total: 8 story points

Sprint 3 (5/7-5/21)

Goal: Enable group creation, joining, and basic communication

- High Priority - US3.1: Group Creation [3 story points]
As a user, I want to create a group so I can start a new study session
- High Priority - US3.2: My Groups Management [3 story points]
As a user, I want to view my joined groups to easily access and manage them
- Medium Priority - US3.3: Group Chat [3 story points]
As a user, I want to chat with group members so we can communicate

Sprint 3 Total: 9 story points

Sprint 4 (5/22-6/3)

Goal: Complete user account management and polish

- Medium Priority - US4.1: Profile Editing [3 story points]
As a user, I want to edit my profile so I can update my information
- Low Priority - US4.2: Account Deletion [2 story points]
As a user, I want to delete my account if I no longer want to use the app
- Low Priority - US4.3: UI Polish & Responsiveness [2 story points]
As a user, I want a responsive and polished UI for a better experience

Sprint 4 Total: 7 story points

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Capacity Check

Total Story Points: 32

Team Capacity: $5 \text{ developers} \times 4 \text{ sprints} \times 2 \text{ weeks} = \sim 40 \text{ hours per sprint}$

Estimated Capacity: 8-10 story points per sprint

The plan is within team capacity with reasonable distribution across sprints.

Product Backlog

Items not included in this release:

- Firebase hosting setup
- Advanced notification system
- Private group functionality
- Mobile app version