

Goals

1. Replace static sample users with real-time users from the database (Supabase).
2. Allow users to create, view, and edit their profile information.
3. Improve location handling, permissions, and map behavior.
4. Implement filtering for users (school-based and age-based).
5. Refactor the app to follow a cleaner MVVM architecture.
6. Improve overall user experience with better loading states, error handling, and UI feedback.

Sprint Backlog

Research Time [Total: ~8–12 hours]

Replace static users with real-time database users [Still working on this, ~10 hours]

- Connect app to Supabase user table
- Fetch and display real users instead of mock data

Implement user profile creation and editing [Done, ~12 hours]

- Build onboarding profile form (name, school, bio, profile image)
- Save profile data to Supabase
- Create Profile/Settings screen
- Allow users to update profile information
- Store profile images using Supabase Storage

Improve location handling and permissions [Done, ~10 hours]

- Handle authorization state changes
- Handle denied/restricted permissions
- Stop continuous updates after first accurate location
- Fix initial map centering logic

Implement user filtering (school/age) [Still working on this, ~8 hours]

- Add filter state management
- Filter users by selected school or age
- Connect filter UI to backend logic

Refactor to MVVM architecture [Still working on this, ~12 hours]

- Create UserService and LocationService
- Create ContentViewModel
- Move business logic out of views
- Separate Supabase calls from UI

Improve UX and state handling [Done, ~8 hours]

- Add loading indicators
- Add empty state UI
- Add error handling UI
- Improve map interactions and animations