

Sprint 2 Planning

Sprint 2 Goals:

1. Replace static sample users with real-time database users.
2. Implement user profile creation and editing.
3. Improve location handling and permissions.
4. Implement filtering (e.g., school-based filtering, age-based filtering).
5. Improve architecture with ViewModels and service layers.
6. Improve UX with loading states and error handling.

Sprint 2 Deliverables:

● Implement user profile creation and editing:

- Assigned: Ben, Garrett
- Build onboarding profile form (name, school, bio, profile image).
- Save profile data to Supabase after sign-up.
- Create Profile/Settings screen accessible from TopBar.
- Allow users to update profile information.
- Store profile images using Firebase Storage.

● Improve location handling and permissions:

- Assigned: Ben, Sawyer
- Refactor LocationManager to properly handle:
 - Authorization state changes
 - Denied/restricted permissions
 - Error handling
 - Stop continuous location updates after first accurate fix.
 - Add UI prompt when location permissions are denied.
 - Fix initial map centering logic (remove hardcoded latitude check).

● Implement user filtering (School/Age Filter Feature):

- Assigned: Garrett, Ethan
- Add filter state management to ContentView.
- Filter displayed users by selected school or age.
- Connect filter button in UI to functional logic.
- (Optional) Persist filter preference locally.

● Improve app architecture (Move toward MVVM):

- Assigned: Sawyer
- Create:
 - UserService
 - LocationService
 - ContentViewModel
 - Move business logic out of ContentView.
 - Separate Supabase calls from UI logic.
 - Implement dependency injection pattern.

● Improve UX and state handling:

- Assigned: Ethan
- Add loading indicators when fetching users.
- Add empty state UI (no users nearby).
- Add error state UI (network/database errors).
- Animate map camera when selecting a user.
- Add dark mode support testing.