

SocialSpot – Sprint 3 Planning

Sprint 3 Goals:

- Implement accurate location-based radius filtering for nearby users
- Optimize profile image upload and retrieval performance
- Finalize user authentication and account access flow
- Improve backend efficiency and Supabase integration
- Enhance UI responsiveness and interaction reliability
- Strengthen team workflow and Git collaboration practices

Sprint 3 Deliverables:

Implement Location Radius Filtering (Core Feature)

Assigned: Sawyer, Ben

- Define a configurable user radius distance (e.g., 5–25 miles)
- Filter users based on proximity using stored coordinates
- Update backend query to only fetch users within radius
- Ensure nearby users list reflects filtered results correctly
- Add UI control for adjusting radius (optional)

Optimize Profile Image Upload & Syncing

Assigned: Garrett, Sawyer

- Reduce image upload/update time (target: <5 seconds)
- Compress images before upload
- Implement caching for profile images
- Use async loading with placeholders
- Investigate Firebase vs Supabase Storage performance
- Fix delay between upload → database → UI refresh

Finalize Authentication & Account Management

Assigned: Ethan, Garrett

- Decide on login methods (email/password, optional Google/Apple)
- Standardize account creation and login flow
- Improve Profile/Settings UI layout and usability
- Ensure profile edits persist correctly
- Handle logout, session persistence, and errors

Improve Supabase Integration & Backend Efficiency

Assigned: Ethan

- Optimize database queries (especially location + filtering)

- Refine Row Level Security (RLS) policies
- Reduce redundant reads/writes
- Evaluate storage structure for scalability
- Investigate Supabase plan limitations

UI/UX Improvements & Interaction Fixes

Assigned: Ben

- Fix button tap areas and responsiveness
- Improve UI smoothness and transitions
- Add feedback for user actions (taps, saves)
- Improve loading, empty, and error states
- Improve map interaction experience

Stretch Goals:

- Implement .edu domain-based filtering workaround
- Add user blocking/reporting feature
- Add basic analytics (active users, sessions)
- Improve map clustering