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Goals

- Finalize security, privacy, and production-readiness of the app.
- Complete remaining filtering, blocking, and account management features.
- Improve real-time functionality and scalability of user/location data.
- Enhance overall app reliability with better error handling and testing.
- Polish UI/UX for a smooth, responsive, and consistent user experience.
- Prepare the app for final deployment and presentation.

Sprint Backlog

Research Time [Total: ~6–10 hours]

- Complete filtering and blocking features [Still working on this, ~8 hours]
 - Ensure blocking users works across app (UI + backend enforcement)
 - Finalize age-based filtering logic and UI behavior
 - Add school-based filtering with dynamic data
 - Optimize filtering queries for performance
- Implement account recovery and validation [Still working on this, ~8 hours]
 - Implement password reset / account recovery flow
 - Add username validation (uniqueness and formatting rules)
 - Handle edge cases for invalid or duplicate user data
- Improve security and data protection [Done, ~10 hours]
 - Secure file uploads (limit size, validate file types)
 - Implement API rate limiting to prevent abuse
 - Finalize and test Row Level Security (RLS) policies
 - Ensure safe handling of user-generated content
- Enhance real-time functionality [Done, ~8 hours]
 - Improve live user location updates using subscriptions
 - Implement location TTL (expire stale locations)
 - Add user presence indicators (online/offline or last seen)
- Optimize performance and scalability [Done, ~6 hours]
 - Optimize database queries and indexing
 - Improve map performance with many users (clustering if needed)
 - Reduce unnecessary network calls and state updates
- Improve error handling and reliability [Still working on this, ~6 hours]
 - Add retry logic for failed network requests
 - Improve global error handling across services
 - Handle edge cases for location, auth, and data fetching
- Enhance UX and UI polish [Done, ~8 hours]
 - Add consistent loading states across all views
 - Improve animations and transitions

- Refine layout, spacing, and visual consistency
 - Improve map interactions and responsiveness
 - Create radius spotlight to help highlight nearby users
- Testing and QA [Done, ~6 hours]
 - Write unit tests for models, images, social media platforms, and nearby users
 - Perform end-to-end testing of core user flows
 - Fix bugs discovered during testing
- Final deployment preparation [Still working on this, ~8 hours]
 - Prepare App Store assets (icons, screenshots, descriptions)
 - Configure production environment variables
 - Perform final deployment and testing in production
 - Review app with sponsor and finalize deliverables