

Sprint 1 Retrospective - SocialSpot

What went well

- Overall team cohesion and communicating on what needs to be done then delegating tasks to each individual.
- Creation of the UI as well as the account database were both very big successes
- Proper setup of Supabase authentication and OAuth integration
- Functional login UI and initial map interface
- Website successfully structured and deployed for deliverables
- Creation and implementation of initial SQL migration files

What didn't go well

- Descriptions of what was needed from us by our sponsor were somewhat vague and left us with a lot of “up to y'all's” to work with
- Organizing the repository as we go instead of all at one time.
- Some Git merge conflicts and migration file coordination issues resulted in duplicated files and other issues
- Limited early testing of real user data
- Environment variable and API key security adjustments had to be done after initial commits

What could be improved

- Notifying each other of new pushes to the repo.
- Better documentation of database schema changes as migrations are created (had two teammates essentially working on the same migration)
- Earlier implementation of environment variable management
- More frequent integration testing instead of building parts individually

Challenges

- Not being able to test our location services with a live location.
- Designing a scalable database schema while requirements were still evolving
- Managing authentication flows and OAuth integration within Swift
- Learning Swift and Supabase very quickly
- Balancing security and usability (can't lock ourselves out)
- Connecting the entirety of the frontend with the backend