Sprint 1 Daily Journal - SocialSpot

Date1 - 1/20/26

Garrett Read
- Tasks Completed: Met with our cyber consultants and discussed common security vulnerabilities.
- Tasks to Complete: Prepare questions/topics we have for our meeting with our sponsor tomorrow morning.
- Challenges: Made aware of how important security will be as we are dealing with location and personal data.

Ethan Polster
- Tasks Completed: We met with our Cyber mentors.
- Tasks to Complete: Plan the questions we will ask our sponsor tomorrow.
- Challenges: We have been made aware of possible security issues.

Sawyer Kent
- Tasks Completed: I reached out to our sponsor to set up a meeting.
- Tasks to Complete: We discussed potential questions for our sponsor during our meeting. We also met with our cyber team to discuss some potential issues.
- Challenges: We determined that there are some things that need to be discussed with our sponsor before we can fully determine preliminary cyber issues.

Ben Korjenek
- Tasks Completed: We met with our cyber mentors
- Tasks to Complete: Discuss a couple important questions to ask to our sponsor when we meet with him tomorrow 1/21.
- Challenges: Needing an ample description of the project and privacy concerns based off of information we currently have.

Date2 - 1/24/26

Garrett Read
- Tasks Completed: Met with our sponsor to discuss must-have features, timelines, and obstacles.
- Tasks to Complete: Finalize our development environment before the next scrum and decide what everyone starts working on.
- Challenges: Adapting to new software we will be using.

Sawyer Kent
- Tasks Completed: Created a list of tasks to accomplish with this project.
- Tasks to Complete: Create a general UI and login system.
- Challenges: Thinking of a way to protect users from unwanted tracking.

Ethan Polster
- Tasks Completed: created set outlines for things that need to go into the app and things that Sam thought would be cool but not necessary.
- Tasks to Complete: start creating the base structure of the app.
- Challenges: None.

Ben Korjenek
- Tasks Completed: finalizing app requirements and features.
- Tasks to Complete: start planning our strategy of attack on how we will begin and what type of organization we will need.
- Challenges: none as of now.

Date3 - 1/27/26

Garrett Read
- Tasks Completed: Identified 4 main features in order to start development. Figured out how we are going to handle login.
- Tasks to Complete: Begin repository and set up IDE for everyone.
- Challenges: Using X code which is available exclusively on macOS. I am the only one with windows. I will have to find a solution. May use a VM.

Sawyer Kent
- Tasks Completed: Identified APIs for map and login features. Also identified a way to split work today.
- Tasks to Complete: Setup basic structure of app and begin work on getting a prototype up. Research requirements for getting an app on the App Store.
- Challenges: Begin learning Swift for Xcode.

Ethan Polster
- Tasks Completed: Figured out which applications will be used to create the app, and figured out how we are going to take the first step. Which is the login.
- Tasks to Complete: Set up an OAuth and complete the building of the login and passkey.
- Challenges: May have difficulty using and completing an OAuth.

Ben Korjenek
- Tasks Completed: started working on map and login features. Assigned tasks to group members.
- Tasks to Complete: Begin development and get a running mockup of the app finished. continue working.
- Challenges: organizing and getting familiar with Xcode environment.

Date4 - 1/29/26

Garrett Read

- Tasks Completed: Built our project website with info about our project, our slides, and a bio for each group member. Discussed more on how to delegate development tasks with different OSs.
- Tasks to Complete: Have to get my IDE ready for development and test mobile preview extensions.
- Challenges: Still have to find VScode extensions for mobile preview and figure out the most efficient way for me to run my code as I have windows.

Sawyer Kent
- Tasks completed: Built our project website and set up our group GitHub. Set up Xcode IDE and extensions.
- Tasks to complete: Begin learning about Mapkit API and get a basic map page setup.
- Challenges: Watching tutorials for Mapkit and Swift.

Ethan Polster
- Tasks Completed: Built a website outline with HTML script, including basic information about Social Spot
- Tasks to complete: Use Supabase to create a login and authentication for the app.
- Challenges: Going to have to watch a tutorial on how to use Supabase.

Ben Korjenek
- Tasks completed: Built project website with first presentation and started our GitHub repo.
- Tasks to complete: start integrating GUI design and setup backend.
- Challenges: learning swift and supabase.

Date5 - 2/3/26

Garrett Read
- Tasks Completed: Cloned repo on Github, setup OAuth with Supabase and gained access to the database.
- Tasks to Complete: Implement the database schema.
- Challenges: Have to work with new software to develop a secure database on Supabase.

Sawyer Kent
- Tasks Completed: I created a map feature using Mapkit and have added current user tracking. I also created some fake profiles to test visibility.
- Tasks to Complete: I am going to work on adding profile pictures on the map to see who is close to you.
- Challenges: Creating and testing functionality without having profiles and users.

Ethan Polster

- Tasks Completed: I have completed the OAuth and the front-end interface design for the Social Spot app. I integrated it through the Google Cloud Console.
- Tasks to Complete: I am going to finish completing the backend on the interface design.
- Challenges: Maybe running some of the code.

Ben Korjenek
- Tasks Completed: Creating running mockup of map functionality and dummy accounts.
- Tasks to Complete: smooth transitions, GUI, and organization of files and test files.
- Challenges: integrating supabase to our project.

Date6 - 2/5/26

Garrett Read
- Tasks Completed: Built initial database schema in Supabase. Started to create a bucket to hold user profile images.
- Tasks to Complete: Continue working on the profile image bucket, clean up github.
- Challenges: Understand that we will eventually need to upgrade plans in supabase. Only have a 50 MB project size limit.

Sawyer Kent
- Tasks Completed: Met with sponsor to show progress on the app. Discussed ways to improve.
- Tasks to Complete: Make logo graphic design ideas.
- Challenges: Working to discuss the contract negotiations with our project.

Ethan Polster
- Tasks Completed: Completed the OAuth interface frontend and backend on Supabase and Google Cloud.
- Tasks to Complete: Link the SupaBase OAuth to our actual project.
- Challenges: Working to see the outcome of our project.

Ben Korjenek
- Tasks Completed: got supabase connected to application for login and storage of accounts. created GUI for login as well as account linking to other social apps.
- Tasks to Complete: obtain proper supabase edition to support the number of accounts we need. fully integrate login with the rest of our current functionality.
- Challenges: cleaning up repo.

Date7 - 2/10/26

Garrett Read
- Tasks Completed: Fixed several security vulnerabilites.
- Tasks to Complete: Continue cleaning up GitHub repo. Finish storage configuration of profile images.

- Challenges: Still working through legalities of the project with our sponsor.

Sawyer Kent
- Tasks Completed: Researched ways to protect client data.
- Tasks to Complete: Add some location safety features.
- Challenges: Working with a legal team on a contract.

Ethan Polster
- Tasks Completed: Made sure our root files in GitHub were closed off and not accessible to anyone that dosent have permissions
- Tasks to Complete: Make sure everything runs together seamlessly.
- Challenges: Still working out the details of what we are going to do with our project moving forward.

Ben Korjenek
- Tasks Completed: Began cleaning up GitHub repo for better organization and met with our sponsor.
- Tasks to Complete: backend and security features
- Challenges: Contract negotiations.

Date8 - 2/11/26

Garrett Read
- Tasks Completed: Profile image storage on Supabase.
- Tasks to Complete: Ensure row-level security on the profile table and get updated structure for link table.
- Challenges: Need to ensure I am doing what I intend when it comes to locking things down. Just need to be mindful.

Sawyer Kent
- Tasks Completed: Fixed ReadMe for the project to help with build process.
- Tasks to Complete: Add push notifications feature to app.
- Challenges: Need to clean up our code to make it easier to find certain portions. May split into different files.

Ethan Polster
- Tasks Completed: Fixed vulnerabilities
- Tasks to Complete: Clean up the Google Cloud and the GitHub
- Challenges: Waiting for his lawyer to respond.

Ben Korjenek
- Tasks Completed: integrated frontend and backend features for better access
- Tasks to Complete: fix supabase account registrations
- Challenges: planning and pushing changes in a more organized way

Date9 - 2/17/26

Garrett Read
- Tasks Completed: auto-create profile and settings on signup. Trigger on users. Automatic updated_at triggers.
- Tasks to Complete: Indexes and constraints on db for better performance.
- Challenges: Difficulty communicating with our sponsor.

Sawyer Kent
- Tasks Completed: Fixed obvious security issues. Added documentation.
- Tasks to Complete: Create timed push notifications.
- Challenges: Testing notifications on the simulator.

Ethan Polster
- Tasks Completed: Cleaned up the OAuth backend and removed the Private and API keys from the code.
- Tasks to Complete: Improve the performance of the OAuth backend setup and make it more seamless.
- Challenges: None

Ben Korjenek
- Tasks Completed: Integrating supabase to automatically add accounts to the database and ensure secure access to the app.
- Tasks to Complete: hide root access.
- Challenges: Location access.

Date10 - 2/18/26

Garrett Read
- Tasks Completed: Removed unnecessary github files and pushed more supabase migrations to main.
- Tasks to Complete: Give access to web server for sprint deliverables for more teammates.
- Challenges: N/A

Sawyer Kent
- Tasks Completed: Removed supabase keys from GitHub repo and removed extraneous files.
- Tasks to Complete: Prepare project for sprint 1 presentation.
- Challenges: None.

Ethan Polster
- Tasks Completed: Sorted through a few of the keys I created and made sure they were not public.

- Tasks to Complete: Start on the sprint presentation for next week.
- Challenges: N/A

Ben Korjenek
- Tasks Completed: cleaned up repo and readme
- Tasks to Complete: prepare for sprint 1 presentation.
- Challenges: none

Date11 - 2/19/26

Garrett Read
- Tasks Completed: Gave access to web server to update for sprint 1. Added full login functionality minus OAuth.
- Tasks to Complete: Add a signout feature and connect backend to front in regaridng profile images and user profile updates.
- Challenges: Figure out how to do all of this.

Sawyer Kent
- Tasks Completed: Gained access to web server to update for sprint 1.
- Tasks to Complete: Collect all information for sprint 1 and compile presentation.
- Challenges: N/A

Ethan Polster
- Tasks Completed: Worked a little on the sprint presentation and the slides.
- Tasks to Complete: Finish and review the sprint presentation to ensure it is correct and ready to present.
- Challenges: N/A

Ben Korjenek
- Tasks Completed: started updating necessary features for users like update and delete account
- Tasks to Complete: finish preparing for sprit one presentation
- Challenges: deleting all account info from database upon account deletion