

## GCISL Team Sprint Report (Tom Arad, Nathan Bunge, Musa Hussein)

### Sprint 3 Report (11/10/2022 - 12/09/2022)

#### What's New (User Facing)

- Updated Account Creation
- App bar rework
- Touched up the sign in page visuals
- New profile page
- Analytics page visuals

#### Work Summary (Developer Facing)

Over the course of this sprint the team worked on some basic features the web application will need. One of the main tasks was reworking the app bar so it was a static bar at the top and when a new page is selected it would load the information into the same page rather than opening a new one. The back end for account creation was added so now users can create new accounts and they will be saved into the database. The application colors were also updated to match the WSU crimson color rather than the off shade of red we were using before. The front end of the profile page was created. Users can now access that page and input information about themselves. The analytics page is coming together, there is currently a map that will in the future display where users are in the world. Once the backend is ready to save the users profile information we can begin updating the map.

Some issues we faced this sprint was adapting the layout of our web application to our changes. The app bar rework was a big problem that took a lot of time to solve. It required reorganizing and reworking some components of our code. Aside from that we were able to discuss and solve any other issues that came up throughout the sprint.

#### Unfinished Work

The only issue we didn't finish this sprint was the view page for analytics, which will be pushed as a priority issue in sprint 4.

#### Completed Issues/User Stories

- [Issue 35: Account Creation \(BE\)](#)
- [Issue 44: Sign in page touch up](#)
- [Issue 50: App Bar Rebuild](#)
- [Issue 45: Profile Page](#)
- [Issue 41: Analytics Page Visuals](#)
- [Issue 46: Analytics Map](#)

## Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality: \* [main.dart](#) \* [appbar.dart](#) \* all files under [./pages](#) \*

## Retrospective Summary

### Here's what went well:

Overall sprint 3 was a success. We were able to complete the main goal of the sprint, which was having the app bar rebuilt, have the profile page design started, and begin working on the analytics. Our client seems to be very happy and impressed with the application so far, and we are continually discussing new features and changes to improve and grow.

### Here's what we'd like to improve:

For sprint 4, we'd like to begin focusing more on the messaging and analytics part of the application. As we plan the next sprint the main focus will be improving our analytics and begin working on the messaging system.

### Here are changes we plan to implement in the next sprint:

- Messaging
- Improved Analytics
- Backend for user profile
- Profile page touch ups
- Improved map view