

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

### Sprint 2 Report (10/09/2022 - 11/09/2021)

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

- User registration page
- User login page
- Appbar visuals
- Homepage visuals
- Backend authentication

#### Work Summary (Developer Facing)

Over the course of this sprint the team worked on some basic features the web application will need. We discussed what we wanted to be completed with our client at the beginning of the sprint, and we agreed on having a basic login and registration page finished, and if possible some of the back end logic with a database to store user accounts. We also agreed to have an outline of what a post would look like on the feed. The sign in page works as expected, if there is a registered user in the system, they will be able to continue to their main application, if not they will stay at the sign in page. The registration page also works, it will allow users to add their credentials and make an account.

Some issues we faced this sprint was adapting the layout of our web application to our changes. As we worked through the sprint and added new functionality we realized some of the ideas of the layout of the application will need to change. We were able to resolve this in our sprint retrospective meeting and made a plan on how to make appropriate changes in the next sprint.

#### Unfinished Work

Data analytics didn't get completed this sprint and will be pushed as a priority for sprint 3.

#### Completed Issues/User Stories

- [Issue 5: Account Creation](#)
- [Issue 6: Sign In Page](#)
- [Issue 31: App Bar](#)
- [Issue 36 Home page visuals](#)
- [Issue 1: Account Data](#)

## Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality: \* [main.dart](#) \* [signin.dart](#) \* [register.dart](#) \* [appbar.dart](#)\* [auth\\_page.dart](#) \*

## Retrospective Summary

### Here's what went well:

Overall sprint 2 was a success. We were able to complete the main goal of the sprint, which was having some form of login and registration page complete, some of the back end code for it, and a basic feed on the main page. We were also able to put together a good testing plan for the future. There is a solid plan put into place on how to test our code and add a CI/CD pipeline into our repository.

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

For sprint 3, we'd like to improve upon some of the back-end features. As for this sprint, we spent most of our efforts creating the pages we will need, and adding a lot of the front-end functionality. So for sprint 3 we hope to begin putting together the front-end we made with a back-end.

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

- Updated App Bar
- Change the tabs from individual pages to one page that can swap between tabs
- Add data analytics
- Update home page so a feed can be shown