GCISL Team Sprint Report (Gabriel Righi, Anthony Salvione, Josh Frey)

Sprint 2 Report (10/5/2023 - 11/05/2023)
Sprint2Video

What's New (User Facing)
- Unread Message Notifications
- Creation of New Admin Accounts
- Reset Password Page
- Post Sorting
- Began Beta Testing
- Like Button for Each Post
- Comment Page for Each Post
- Updated Registration Page
- Proper Error Message on Sign-in Page
- Updated Profile Page
- Profile Page Navigation
- Display Posts on Profile Page

Work Summary (Developer Facing)

For this sprint we were working on adding functionality to the website, beta testing, and allowing server hosting. For beta testing, we sent out a form to all the users given to us by our client, as the users are currently testing the website. We are having issues with some beta testers not filling out their side of the form, but our client is working on getting their feedback. For server hosting, we are still working with VECA but are running into issues with accessing the website from outside the school network, and on correct ports.

For website functionality we have done the following:
We added message notifications for users. This means when a user receives a new message there will be a red dot next to the icon of the user who has sent a new message. We also added the ability to create new admin accounts. Currently these admin accounts can only delete posts, and the main admin account can create new admins and download users data. We also added functionality to reset users passwords which can be accessed from the login page. Alongside that, we added the ability to sort user posts by date and alphabetically.

Our team has added the ability for users to interact with each post on the main feed. Underneath each post there is a Like button and a Comment button. Everytime the Like Button gets pressed it will turn from gray to blue on the current user's screen and update the number of likes for every user to see in real time. When the Comment button gets pressed it will route users to a new Comments page where users can add comments for that post. Each Comment will have a reply button that allows users to reply to that comment.

The number of comments will also be displayed below the Comment button on the home page. We have also added all the information in the Profile's page to be filled out first in the registration page. Previously users could register an account by making a username and password. When they signed into the page they didn't have to fill out the profile page if they wanted to, so that user would appear as null null (first name last name) on the main feed if they posted or on the list of users in the messaging page and analytics page. So by making users fill out their profile first in the registration page no null's would appear throughout the application. We also fixed a bug where when a user is signing in to the application and they didn't fill out a password, or they typed the wrong email or password, a blank error message would pop up. We now added the proper message to pop up in each of those cases.

Previously, the only profile page that you could visit was your own. There was no way to display that information to others. Now there is a way to visit other user's profile pages through clicking on the name of a post author. The profile page was fairly barren before with minimal information. Now more information is included, as well as a list of all previous posts by that specific user. The profile page will be more versatile now with the change in structure of the code. Previously, the page wouldn't be as flexible transitioning between screen sizes, but now it naturally adjusts and displays information properly when screen sizes change. This profile page adjustment will help users to individually connect and also display information that they want people to see.

Unfinished Work

We are still working on getting the website hosted on WSU servers. We are still waiting to hear back from all the beta testers.

Completed Issues/User Stories

Here are links to the issues that we completed in this sprint:

- [Password Reset](#)
- [Messaging Icon](#)
- [Delegate New Admins](#)
- [Sort Posts](#)
- [Beta Testing](#)
- [Sign-in Error Message](#)
- [Post Interaction](#)
- [Updated Registration Page](#)

Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality: * [main.dart](#) * [home.dart](#) * [profile.dart](#) * [messages.dart](#) * [analytics.dart](#) *,[admin.dart](#) *[register.dart](#) * [CommentsPage.dart](#) * [public_profile.dart](#)

Retrospective Summary

Here's what went well:

What went well in this sprint was our team was able to continue to implement and add more features to the application successfully and fix any bugs that we found previously. Our team was able to get some progress on getting the website hosted and we also started our beta testing and have gotten a few responses.

Here's what we'd like to improve:

We need to improve our communication. While as group leader, I do try to check in with my teammates, it can be difficult to get responses and I should probably try to check in more. I also think that if we could have more concrete issues laid out at the start of our sprint and regularly updated our issues, we would perform better.

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

In the next sprint we would like for every beta tester to give feedback from the beta testing. With the feedback we receive from the beta testers, our team can start to implement our new set of requirements.

Sprint Meeting Retrospective:

This sprint went very well for our team. Each one of us were able to continue to add new features to the application that we thought were good and we were able to fix any bugs we saw. We made a lot of progress on the beta testing and hosting but we need to get the issues with hosting on a wsu server fully fixed in this sprint and get all the responses on the beta test so we can start implementing new features.