Project Milestone #2
App - GoFish
Team - 017-04

Project Features

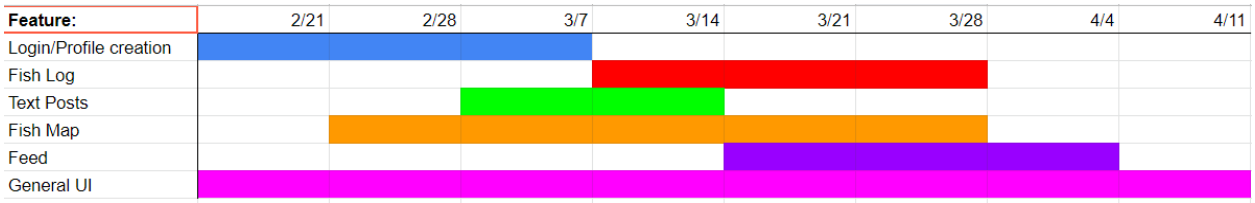
- Profile Creation/Log-In
    - Users can register a profile for the website. With a profile they can follow other registered users and access other features of the site.
- Fish Log
    - Users with a registered profile can log the fish they catch, including data such as length, species, and where it was caught. They can choose to publicly display some or all of their caught fish and can highlight their best catch.
- Text Posts
    - Registered users canmake text posts akin to a traditional social media site to discuss fishing-related topics with other users.
- Fish Map
    - Map available to both registered and unregistered users aggregating publicly available fish location data recorded on the site. The idea is to provide users with an idea of fishing “hot spots”
- Feed
    - Any user can see posts from a specific location and can save specific posts to their liked page.

Requirements

- Profile Creation/Log-In
    - Users need to be able to create an account with username, email, and hashed password saved to a database
    - Users need to be able to log-in with their profile, authenticating by matching username/email and hashed password to entry in database
    - Users should be able to update public aspects of their profile (profile picture, bio, etc.)
        - Sub-story - users should be able to upload a picture as their profile picture, stored in database
        - Sub-story- user should be able to write a short text bio, stored in database and connected to user
    - Users should be able to update their email address and/or reset their password
- Fish Log
    - Users should be able to enter certain details about the fish they caught, including:
        - Size measurements
        - Weight
        - Color
        - Sex
        - Species

    - Users should also be able to set a log post to be public or private, as well as designate a particular post as their “best catch” to highlight.
- Text Posts
    - Users can link their fish log to specific text posts
    - Users should be able to attach pictures/media to a post talking about fish
    - Users should be able to edit and delete their posts
- Fish Map
    - Map should gather location information from public catches in database
    - Map should use information from the database and Google Maps API to place a pin at every location a fish was caught.
    - (Possible) Map page should display areas with largest clusters of pins and/or places where lots of pins were recently added (would require also collecting time/date data on when fish were caught)
- Feed
    - Feed should show posts from a specific area
    - Feed should also show posts from users that the user follows (thats in database)
    - Feed should load new results each time

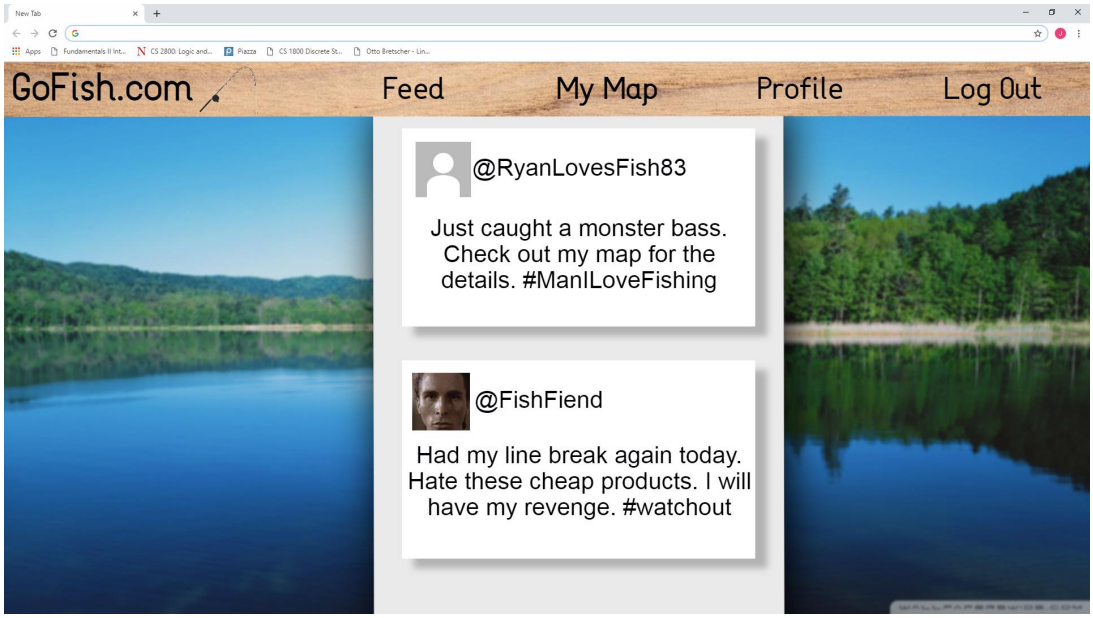
Project Plan



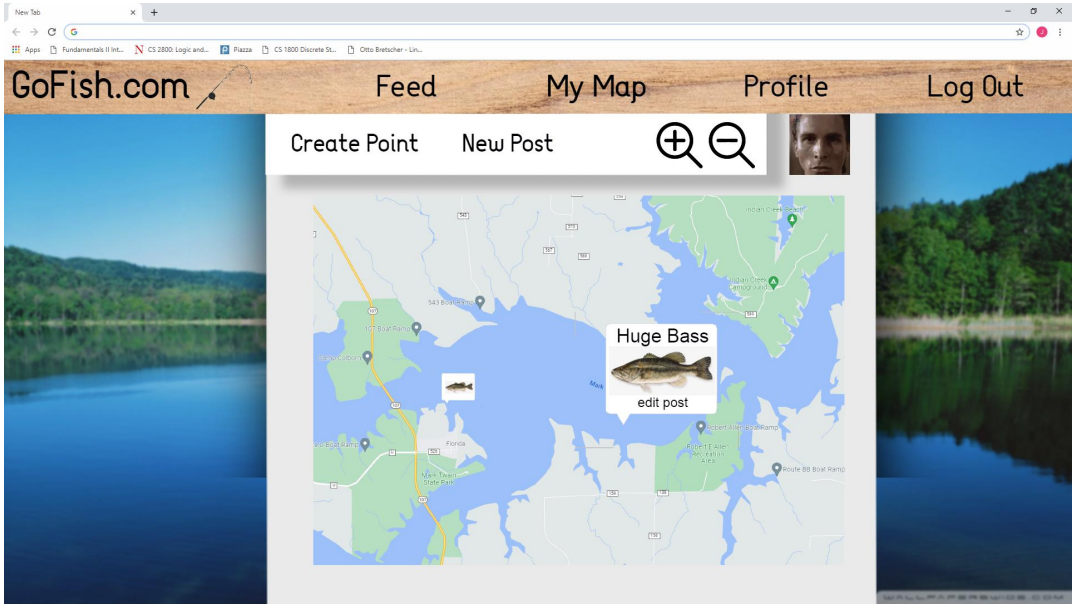
https://docs.google.com/spreadsheets/d/160htFKFqVWgztREvQt4gWRbCsImg7nTQ38dwEp9bObU/edit?usp=sharing

Wireframes/Design

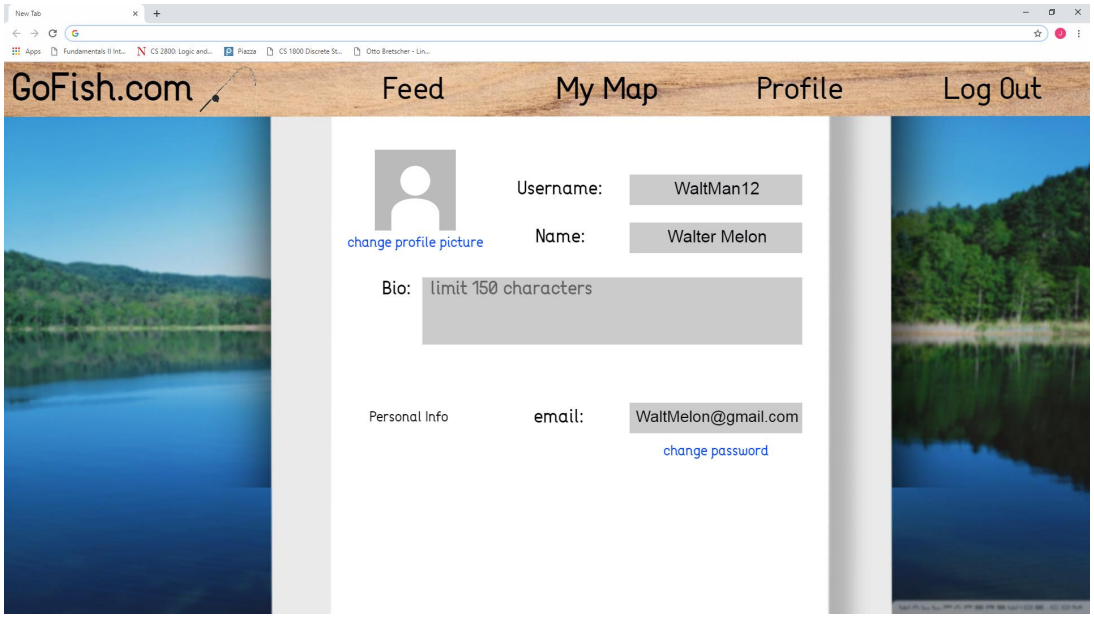
Feed page (user viewing their feed)



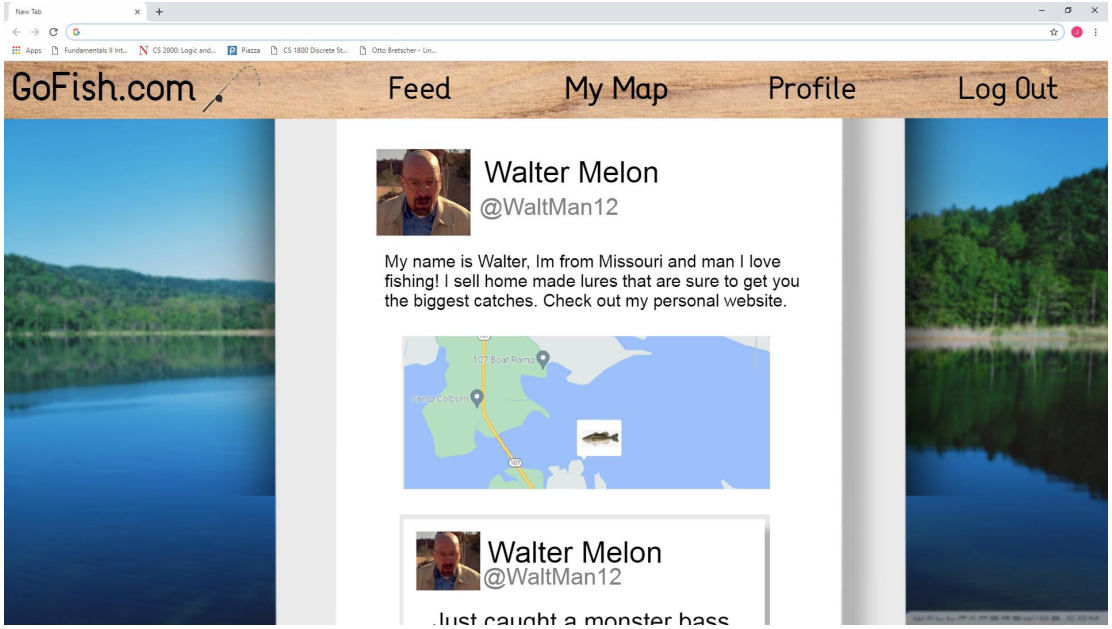
Viewing personal map page (viewing user's own map)



Profile Settings (viewing user's own settings)



Profile Page (Viewed from non-user)



Individual Contributions

John Rooney - I worked in a photo editor to develop several concept pages for the website. During this process I generated ideas on what the page should look like and attempted to create pleasing mockups. The wireframe images listed on the document and in the github page are the current ideas.
Link:
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commit/30a5f3c844d4671d04c4c8e768d6d127e9ca694c

Spencer Jackson - I used what we learned in lab 4 and made a basic html skeleton for our registration page. It doesn't resemble the wireframes yet, but it gives the basic form. In addition, I made a list of things we need to do for the page in order to bring it to full functionality.
Link:
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commit/fdb70d2a66100a072a284ccf32ae6b19706b2f72

Caelus Kasparek - I used html and css to create a basic skeleton for the login page. Currently the login page has information fields for the username, email, and password. I also used containers to give the page two backgrounds as shown with the wireframes.
Link:
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commit/b60887b148f9db728b97169fc5975aa2ab325c9c

Victoria Nawalany - I used html and css to create a basic home page! The home page has a background picture, a navigation bar with places for a map and a feed, and an icon link for login and registration pages. I also implemented a jumbotron, and attempted to add a search bar!
https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commit/067f768811b66c1db71a3f8126f2aadb542e6f81

Matthew Su - Did initial research on our largest element (user data generated heatmap) and compiled a quick summary of findings to be reviewed with teammates when the time is relevant to determine the functionality, scope, and method of our heatmap.

*Disclaimer: Only really added a README.txt with a report and links to original websites. I downloaded, saved, and uploaded the same websites for times when I'm working offline and need to view the contents of the site. The commit looks like I committed a lot, in reality just the saved local websites is all.

- [ ] https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-017-04/commit/c4fca003d8e57870bc880b77ceffa32d89557118

JIRA Page:
https://csci-3308-spring22-017-4.atlassian.net/jira/software/projects/NFTN04/boards/1/roadmap