

ECS 162 Final Project

Overview:

For the final project, we will continue to add onto our micro-blog project. Prior to this, we have already implemented Part A and B of our micro-blog which had us design our website and incorporate key features like allowing users to like and post messages, with a user authentication sign in that requires ur email. For the final project, we had to add onto our micro-blog with two features that would help add to the website theme. The theme that we chose to go with is to allow our followers to express what they are feeling and connect with other people on the website to have meaningful conversations. Our two features that we chose to add was a comment section and a follow button. The comments lets users comment on theirs and other people's posts. The follow button allows users to follow other users. By implementing these two features, it will help add onto our theme of connecting users as it allows them to comment on each others' posts and have conversations on the platform. They are now able to follow those they really connect with or vibe with on the platform.

FishTalk MicroBlog Features

1. Comment Feature (Fully Operational)

We implemented a comment feature under users' posts that allow other users to respond to posts that have been made on the website. This allows users to have conversations with other users under posts that they have made. The user who made the post can also comment under their post if they are looking to clarify something about their post, or respond to one of the other users' comments. This feature only works for users though, if you are not logged into an account that you cannot post a comment.

2. Follow Feature (Fully Operational)

We implemented a follower count that allows users to follow other users if they like the content that they post or are friends with them. It is right next to the like button next to the post. And if the user does not want to follow the user anymore there is an unfollow button. On the profile page you can also see how many people are following you.

3. Sorting Feature (Fully Operational)

We implemented a sorting feature where users can now arrange the order of posts on their page based on the oldest post, latest post, and post with the most number of likes. Users can see this on the home page, and if they go to their profile, they can also sort their post based on these categories. This works by having a scroll down menu that allows users to choose how they want to sort their post.

4. SQLite Database (Fully Operational)

We implemented the usage of SQLite to store information into a database. This information includes the users and posts that they have made. For the user we keep track of things like their username, google id, avatar, and when they joined. For the information of the post, we store information like the post itself with the title and the content, the amount of likes it has and the timestamp from when it was posted. By using the SQLite database we have to also implement scripts like populatedb.js and showdb.js to show the content of the database and update the logic of memory

5. Like and Delete Features(Fully Operational)

Once the user is signed into their account they have the ability to like/unlike posts from other users on the home page, however they cannot like their own post. The user can also delete any of their old posts that they have made. If you are not logged into an account, you do not have the like or delete features for posts, all you can do is just look at them.

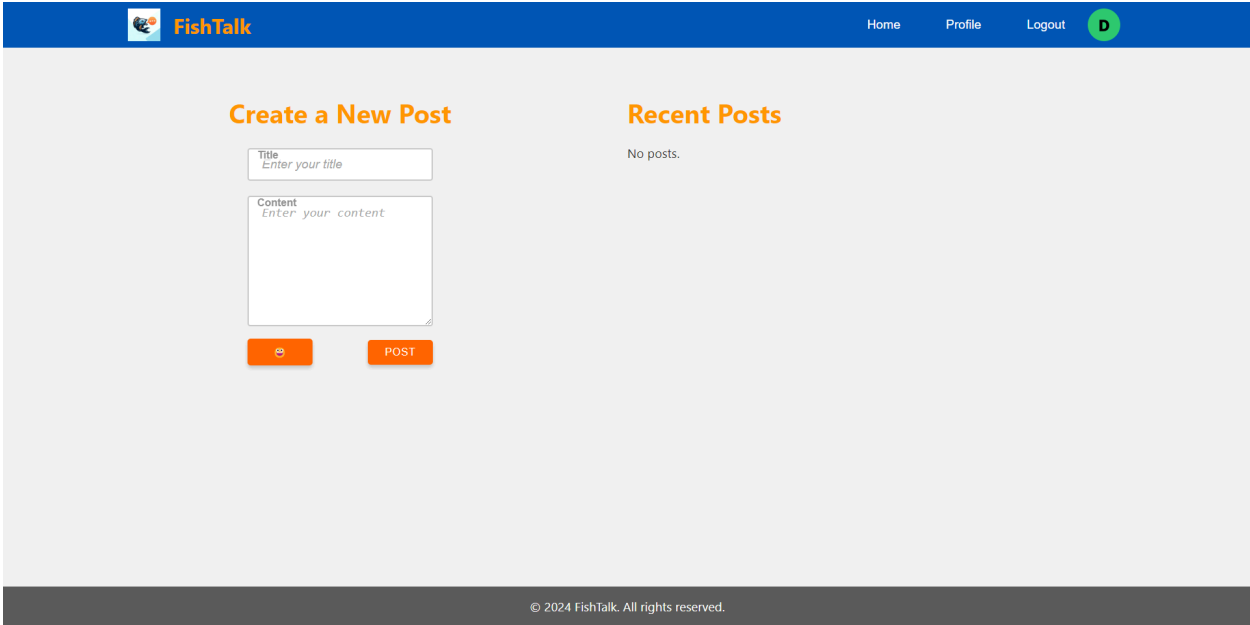
6. OAuth and Google Authentication(Fully Operational)

When users click on the Login button they will be taken to a page that will make them sign in with their google account and username, this will ensure that their account will be more secure and protective so that other people can't access an account with just the username but will also need the email authentication as well. When a user is signing in for the first time and they don't have a username, they will be redirected to a page that allows them to register a username(registerUsername.hangbars). And when the user decides to exit their account, they will click "Logout" which will sign them out of their google account and now they are signed out of their account. They can still view and sort posts on the page, but they can't like anything.

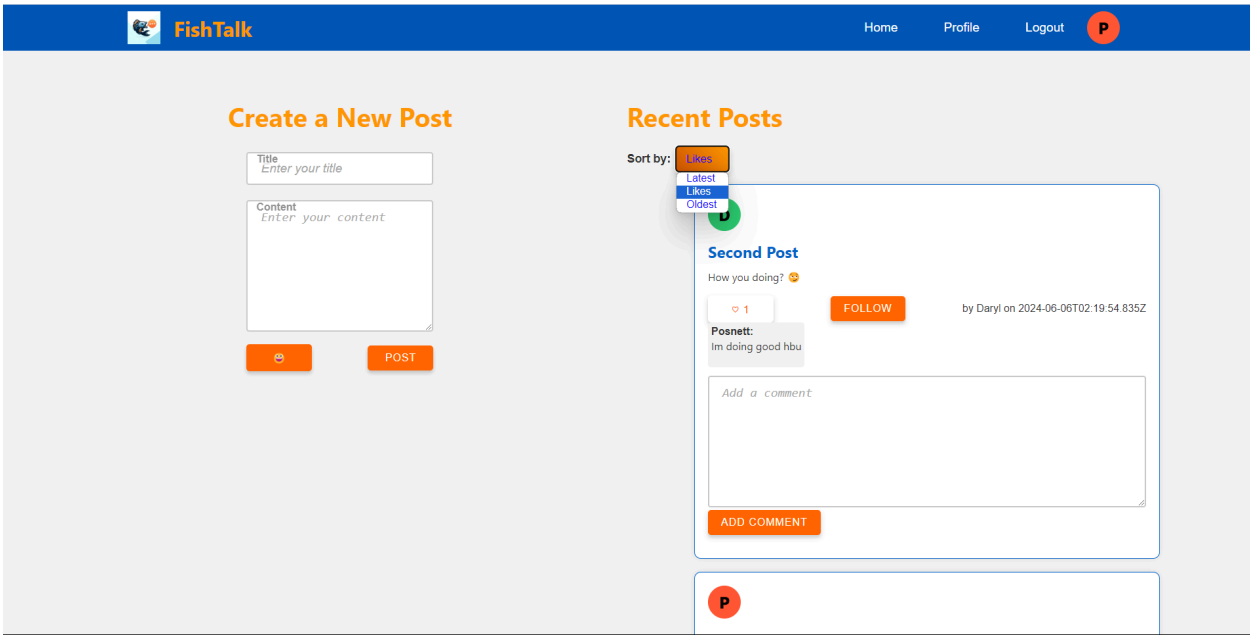
Screenshots

These are screenshots from our website:

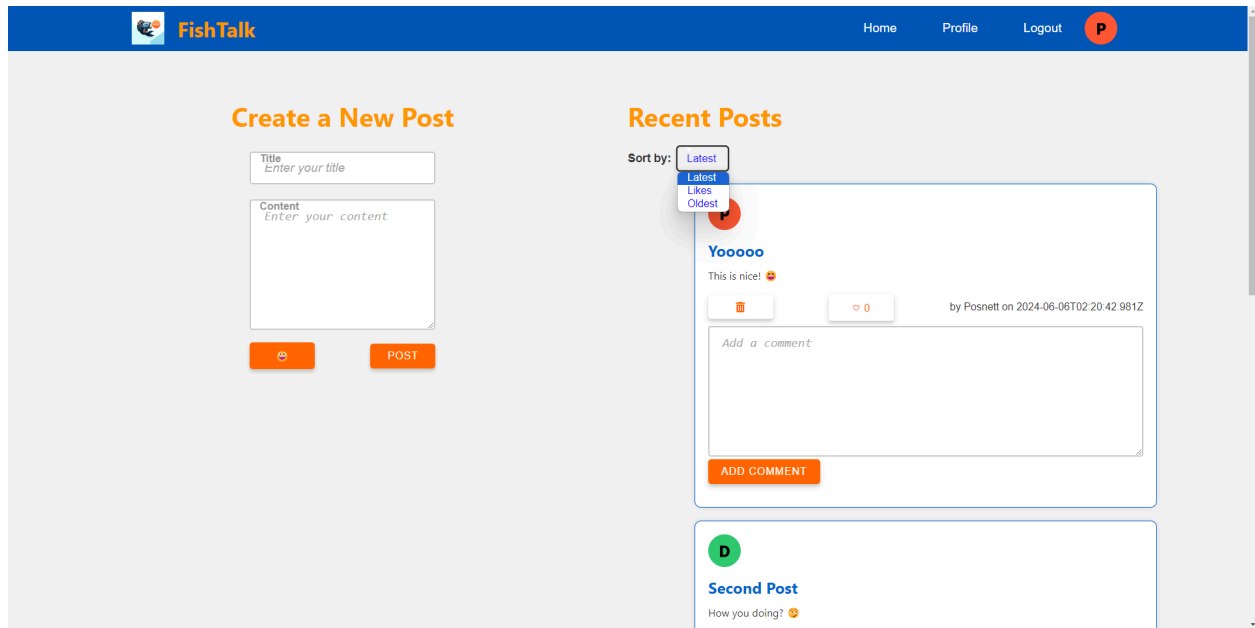
1. Homepage



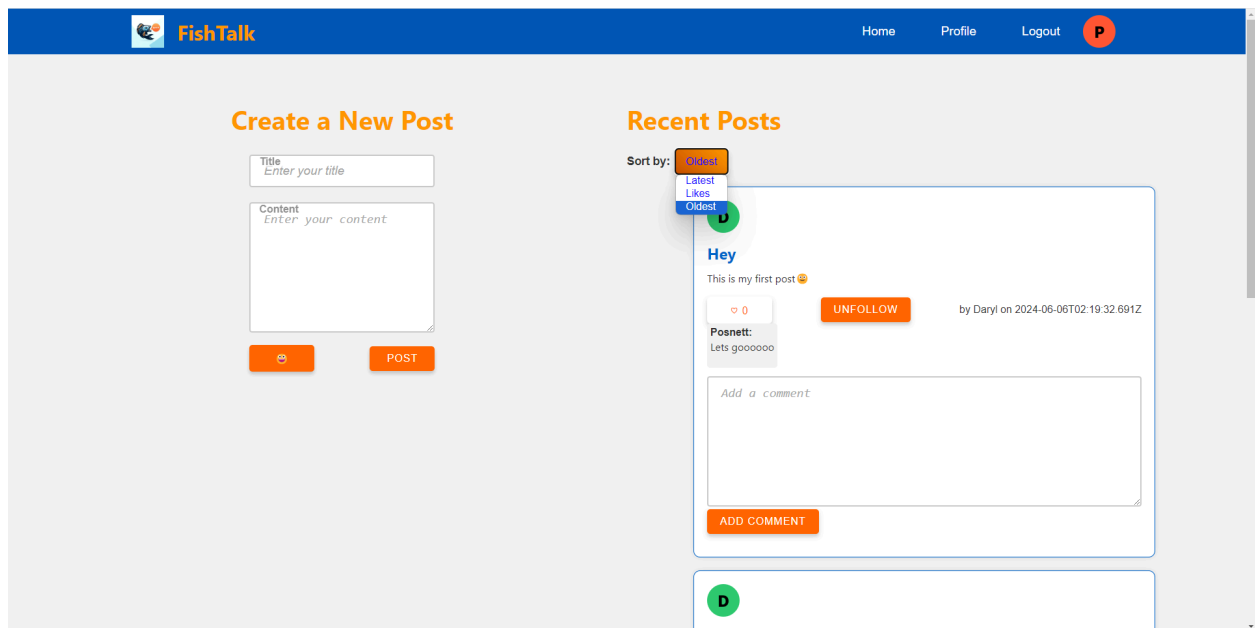
2. Sort Post By Likes



3. Sort Post By Latest



4. Sort Post By Oldest

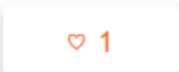


5. Comments



Second Post

How you doing? 😊



by Daryl on 2024-06-06T02:19:54.835Z

Daryl:
Doing amazing, working on this Final Project rn

Posnett:
Im doing good hbu

Add a comment

ADD COMMENT

6. Follow Button

FishTalk

Home

Profile

Logout

P

Create a New Post

Title

Enter your title

Content

Enter your content

POST

Recent Posts

Sort by: Likes

D

Second Post

How you doing? 🍻

1

UNFOLLOW

by Daryl on 2024-06-06T02:19:54.835Z

Posnett:

Im doing good hbu

Add a comment

ADD COMMENT

P

7. Profile View

FishTalk

Home

Profile

Logout

D

D

Daryl

Member since: 2024-06-06T02:18:47.800Z

Follower count: 1

Your Posts

Sort by: Latest

Second Post

How you doing? 🍻

Posted on 2024-06-06T02:19:54.835Z

Hey

This is my first post 🍻

Posted on 2024-06-06T02:19:32.691Z

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