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Project 3 Part B

Overview:

For part B of our MicroBlog we will continue from part A where we initially established the foundation of our website through the usage of handlebars for templating our pages. From last time we also made modifications to our page to make it look more appealing and stylistic. In this part of the project we will use SQLite to store users' personal information on the website, like their username and posts, to a database. We will also implement OAuth to help users authenticate their accounts by using their google email and username.

FishTalk MicroBlog Features

1. **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.

2. **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

3. **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.

4. **OAuth and Google Authentication(Fully Operational)**

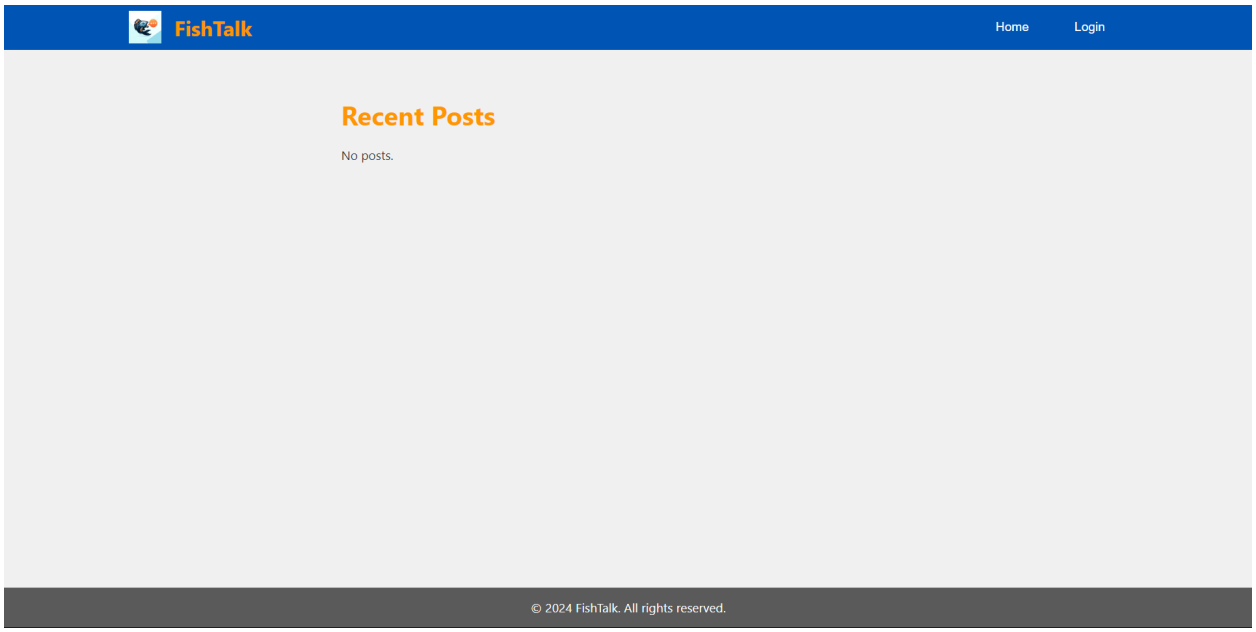
When users click on the Login button they will be taken to a page that will makes them sign in will there google account and username, this will ensure that their account will be more secure and protective so that other people can't access an account with just the username but will also need the email 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.

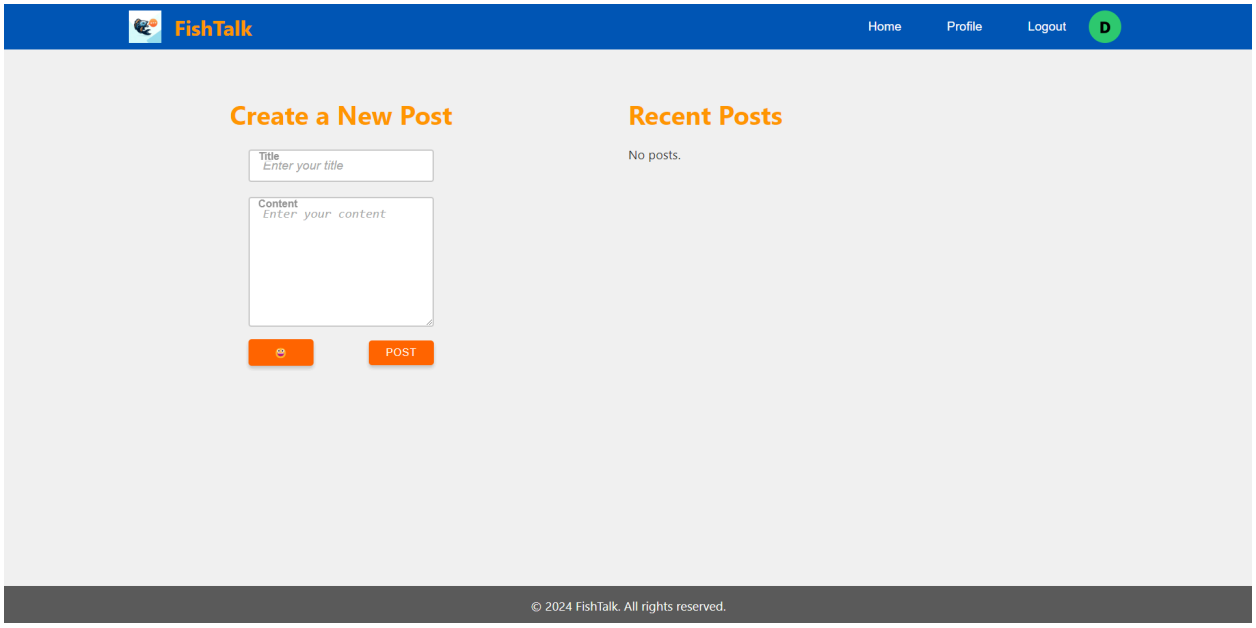
Screenshots

These are screenshots from our website:

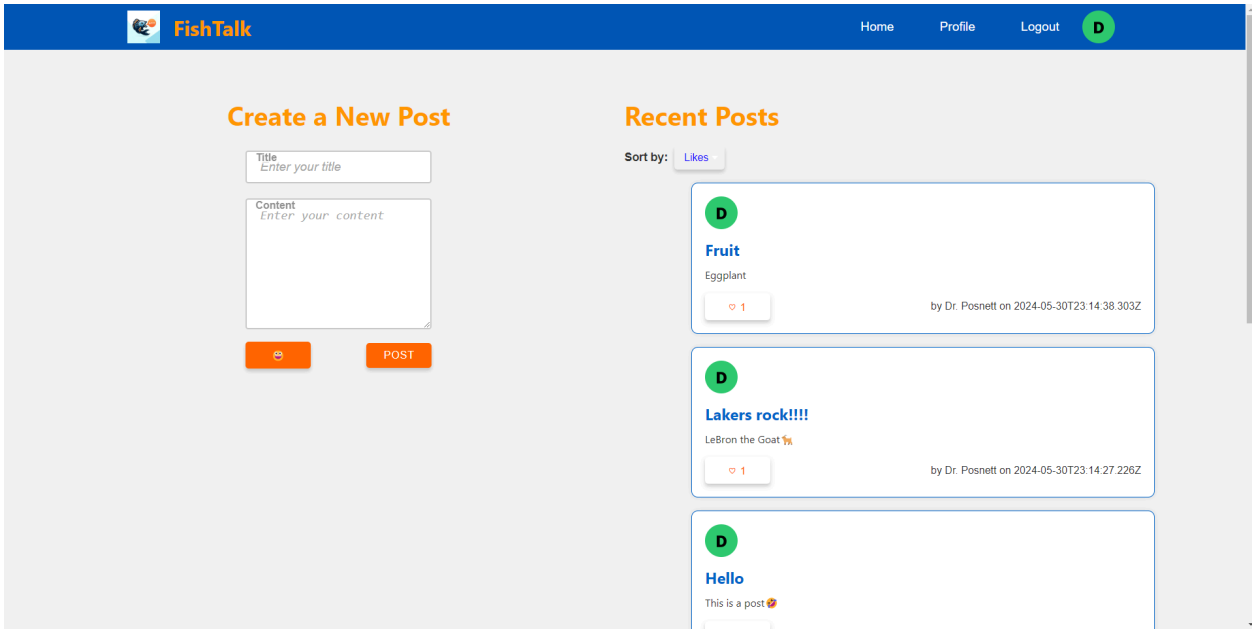
1. Homepage



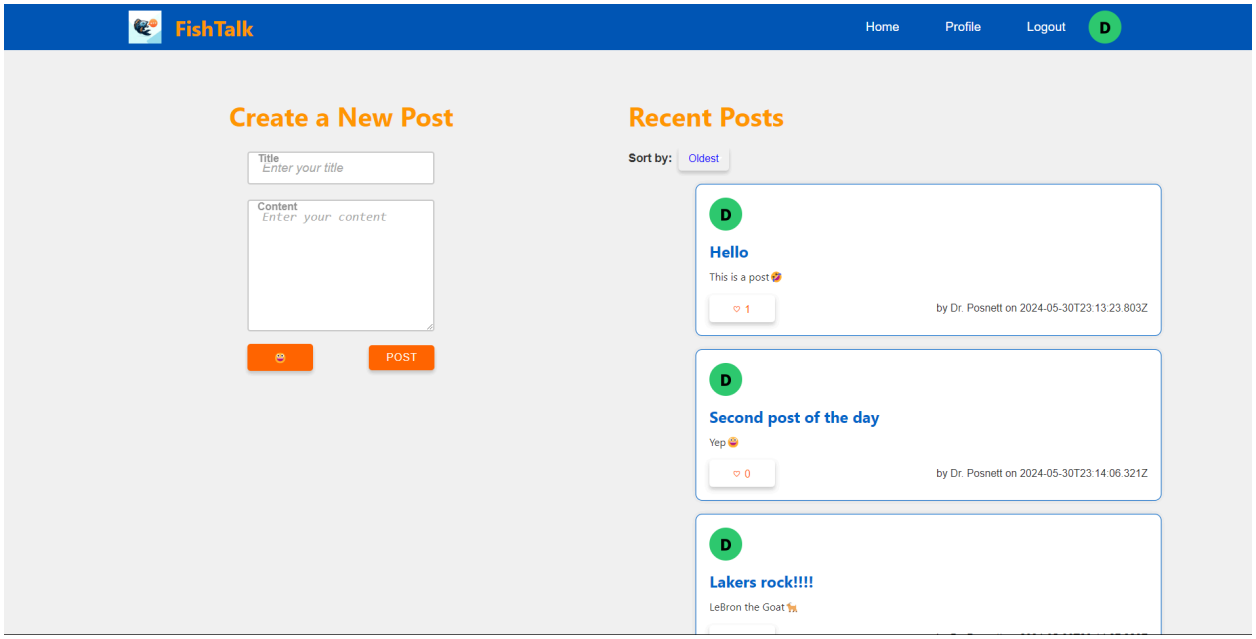
2. Homepage Signed In



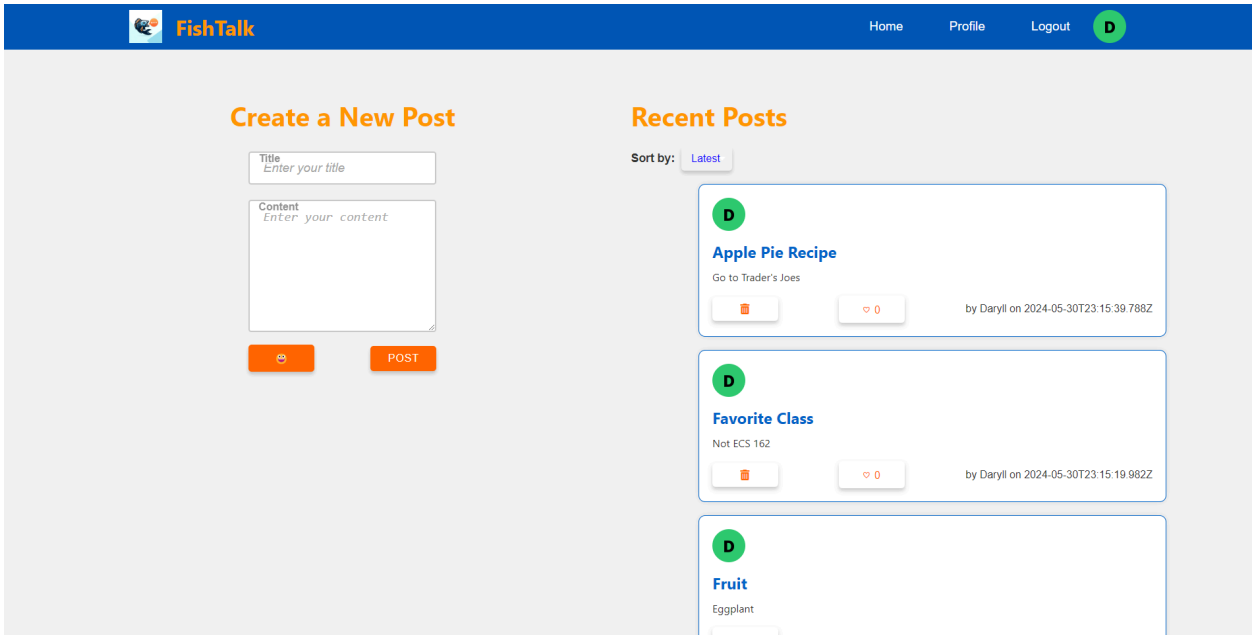
3. Sort Post By Likes



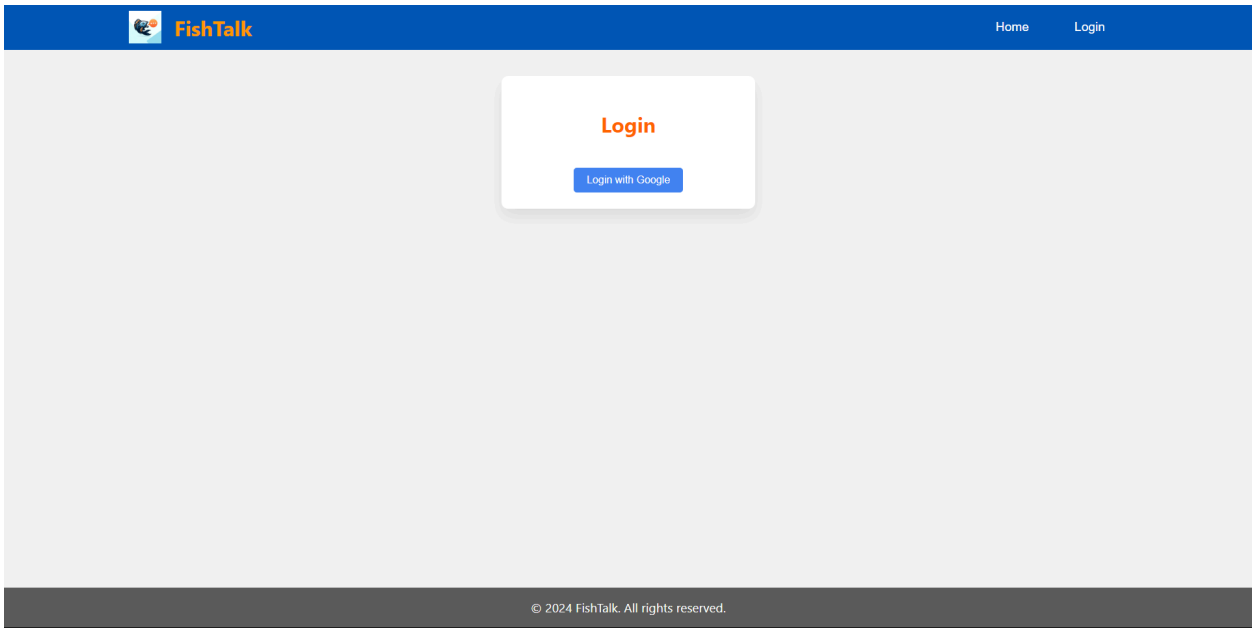
4. Sort Post By Oldest



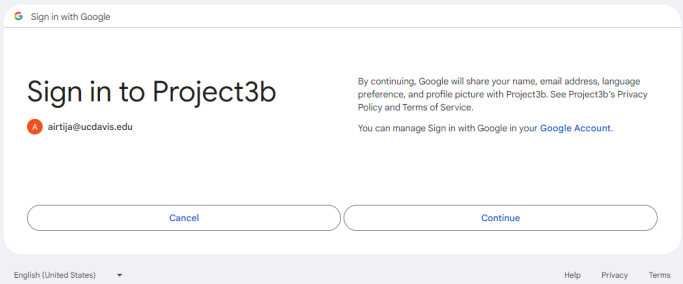
5. Sort Post By Latest



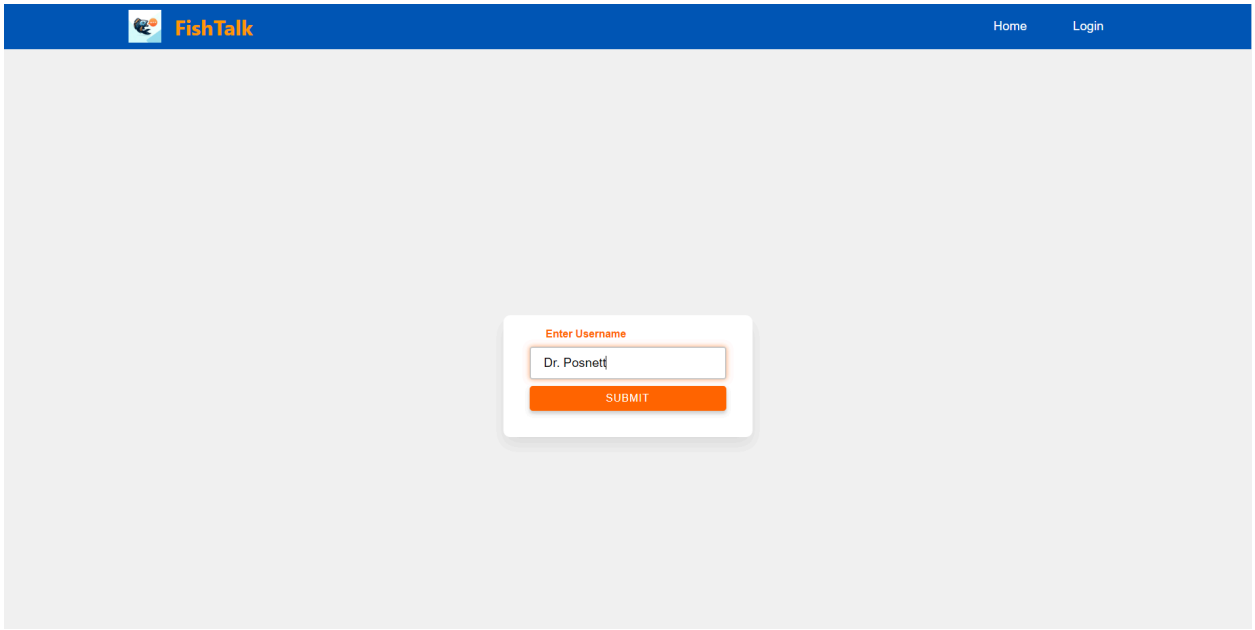
6. Log In



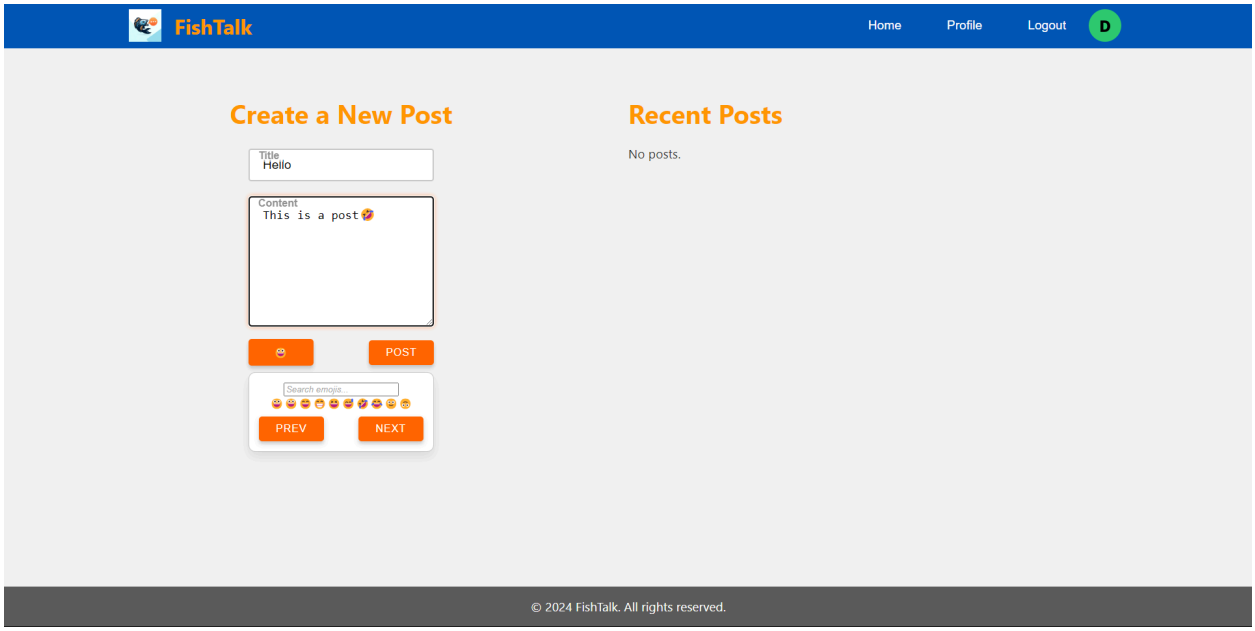
7. Email Authentication



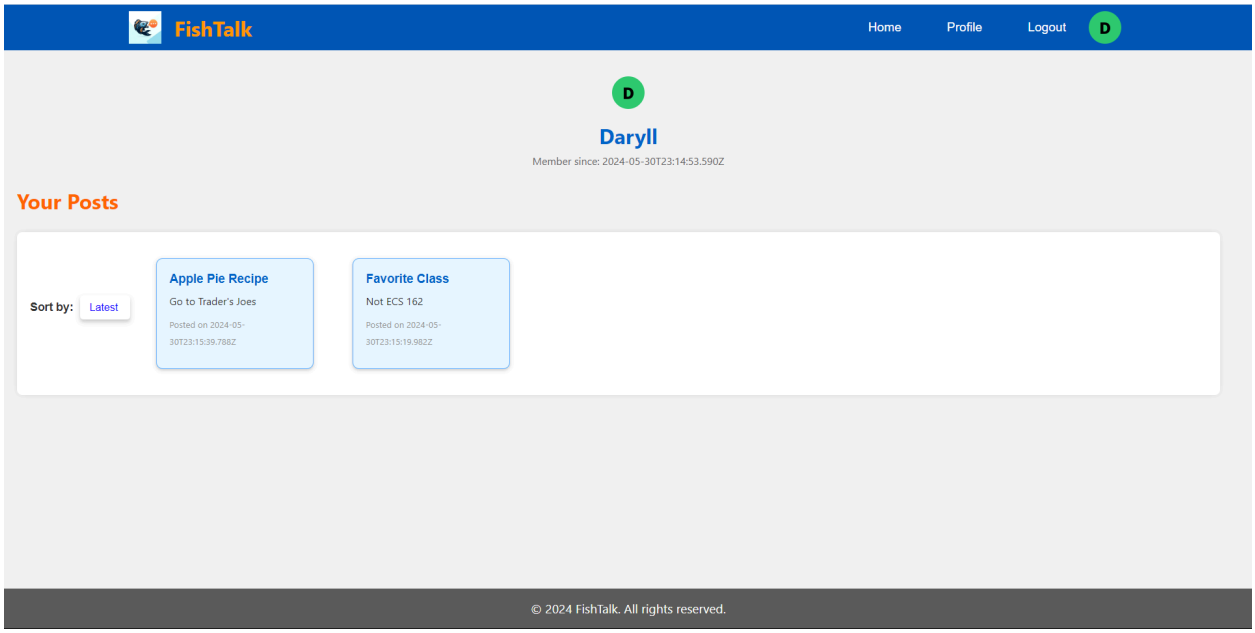
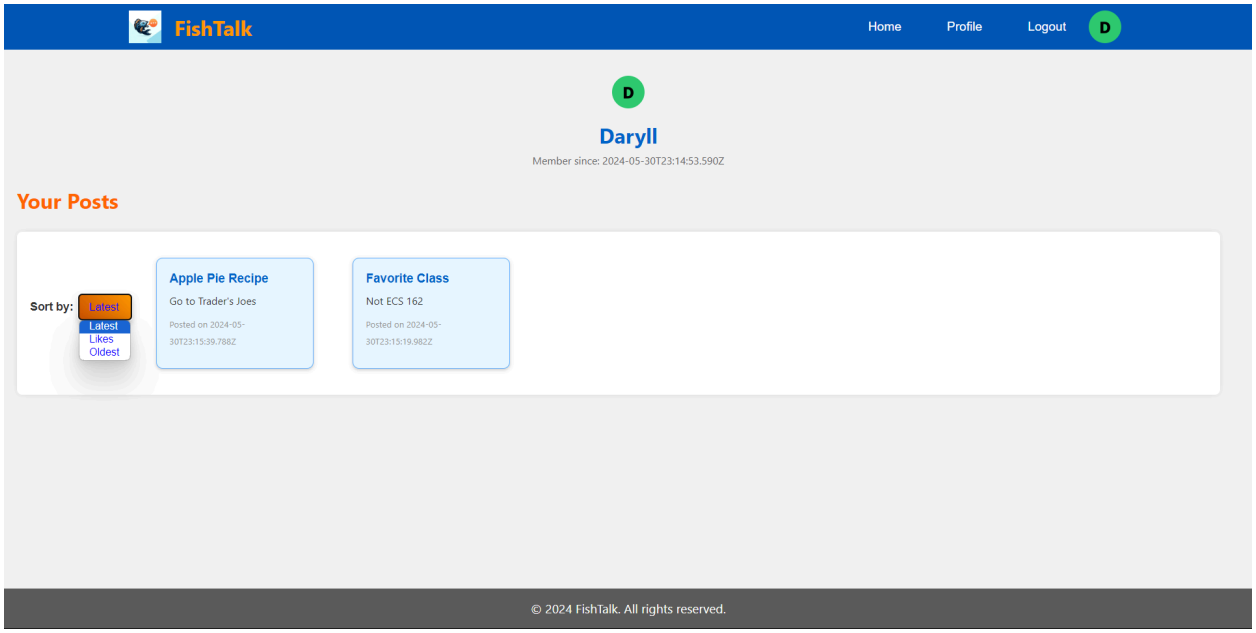
8. Register Username



9. Create Post



10. Profile Page



11. Sorting Post On Profile Page