ST10084225 – VC WESTVILLE
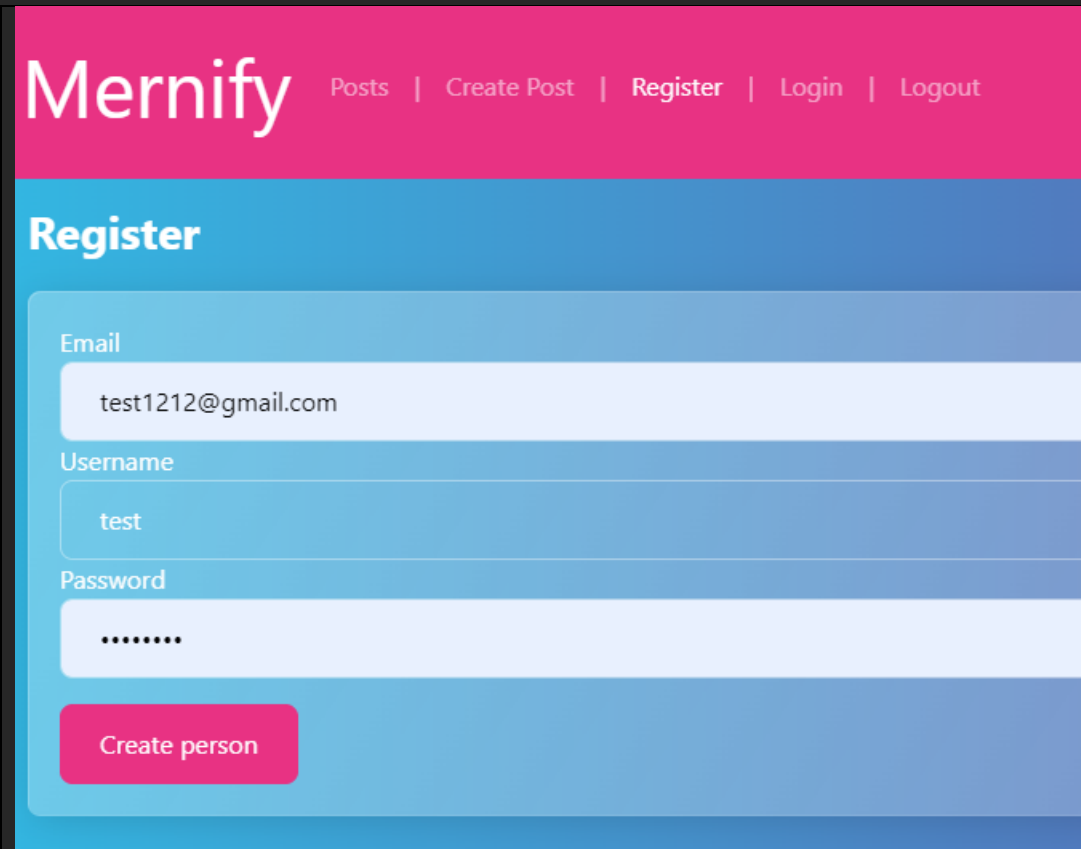
APDS7311 POE - Screenshots

Table of Contents
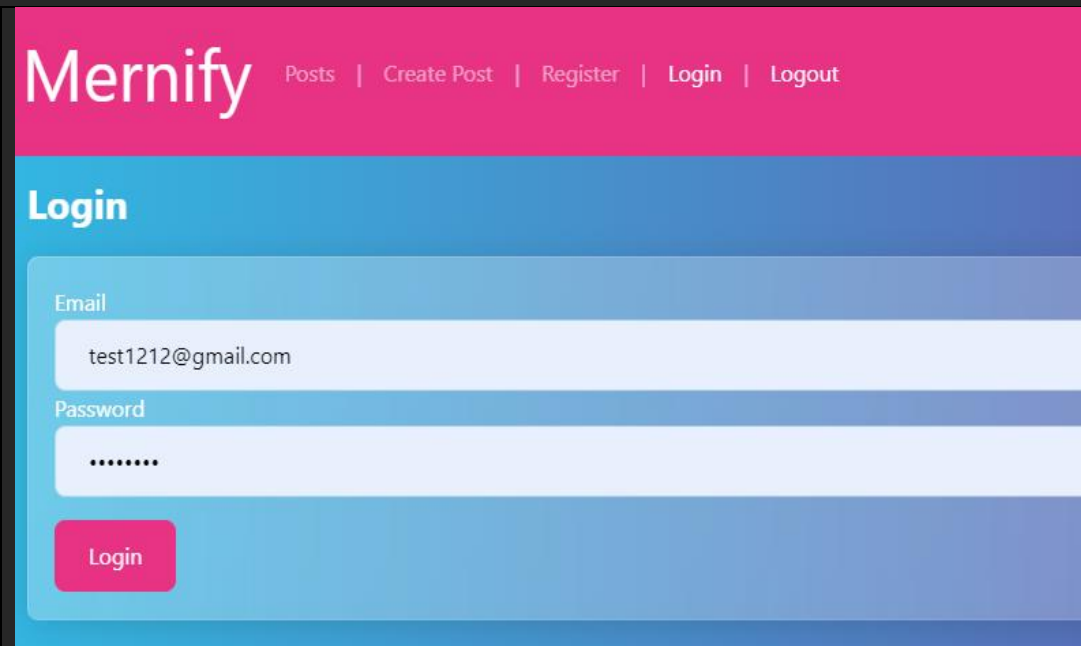
Testing the Front-End of the website

Register a new user

Login to an existing account

Get posts (While logged in)

<Fig 1.3>
Note: Testers can use the their browser's dev tools, or morgan in the terminal their running the back-end server from, to view the http requests being passed to the back-end, as well as their status codes.

Edit a post (While logged in)

<Fig 1.4>

Note: You can edit a post by clicking the edit button in the row corresponding to that post.

<Fig 1.5>

Note: After you've made your changes, click the update post button to save your changes.

Get posts (After edit)

<Fig 1.7>

Create a new post (While logged in)

<Fig 1.8>

Note:
After entering your caption, click the create post button to save your post.

Delete posts (While logged in)

<Fig 1.10>
Note: You can delete a post by clicking the delete button in the row corresponding to that post.

Get posts (After delete)

<Fig 1.11>

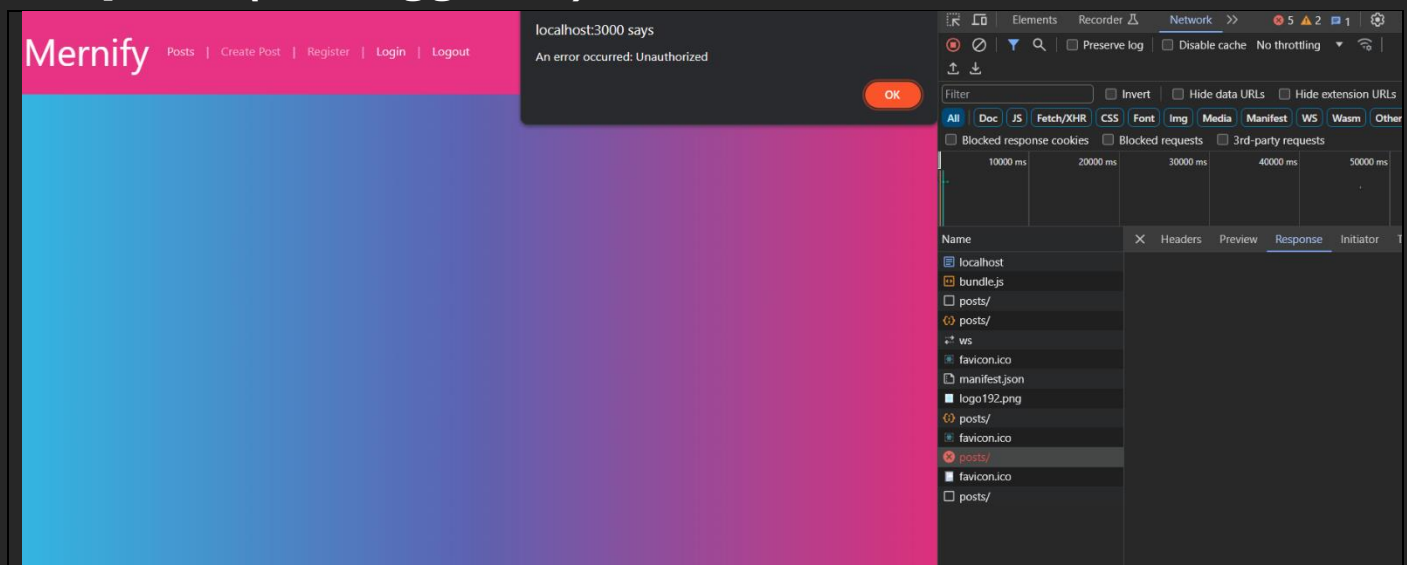## Logout

<Fig 1.12>

Note:
You can logout by clicking the logout tab on the navbar.
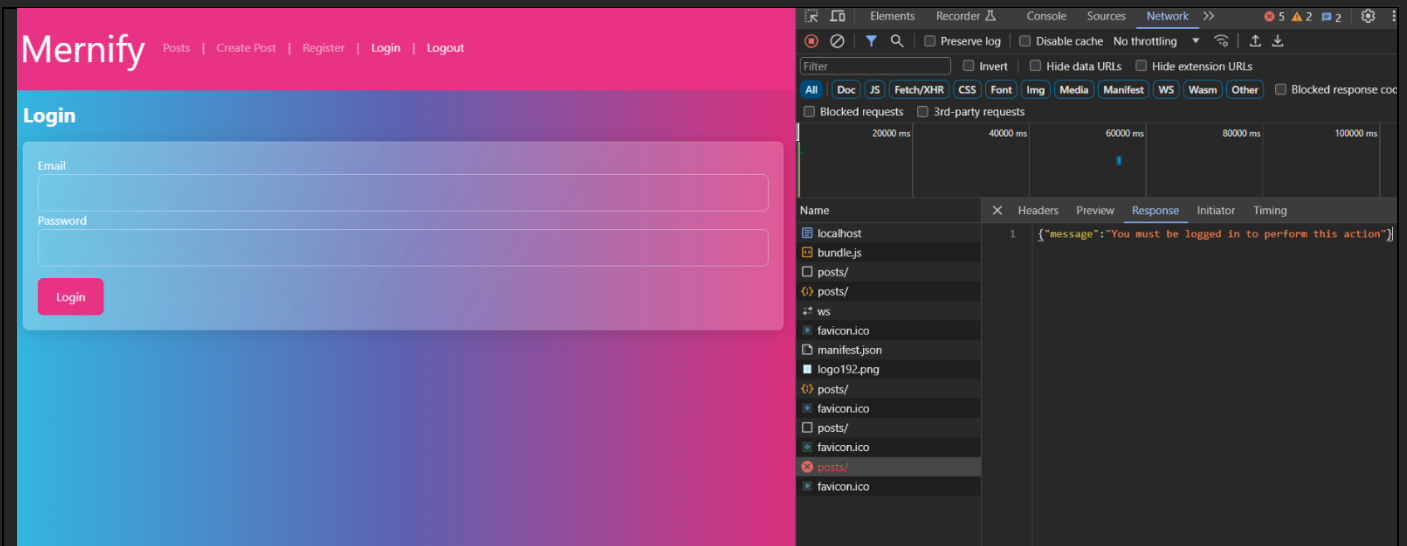
Testing security features

Get posts (Not logged in)

<Fig 2.1>
Note: The user is prompted that they are not authorized to view this page, they are then redirect to the login page.

<Fig 2.2>
Note: a json message is also passed back to the browser.

Morgan
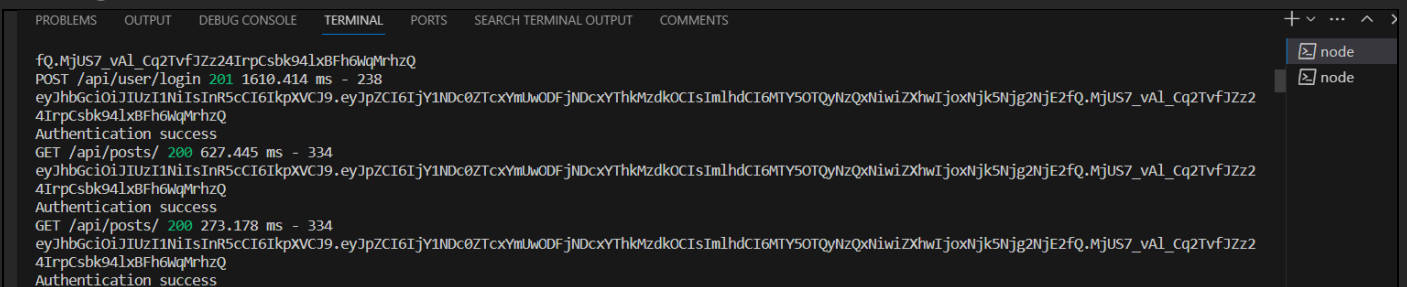
<Fig 2.3>
Note: Morgan will output the http requests and their status to the terminal the server is run from (Using the instructions from my readMe.md).

Express brute

<Fig 2.4>
Note: To test express brute, we can try spamming our login page with bogus inputs and view the response messages from our back-end server

<Fig 2.5>
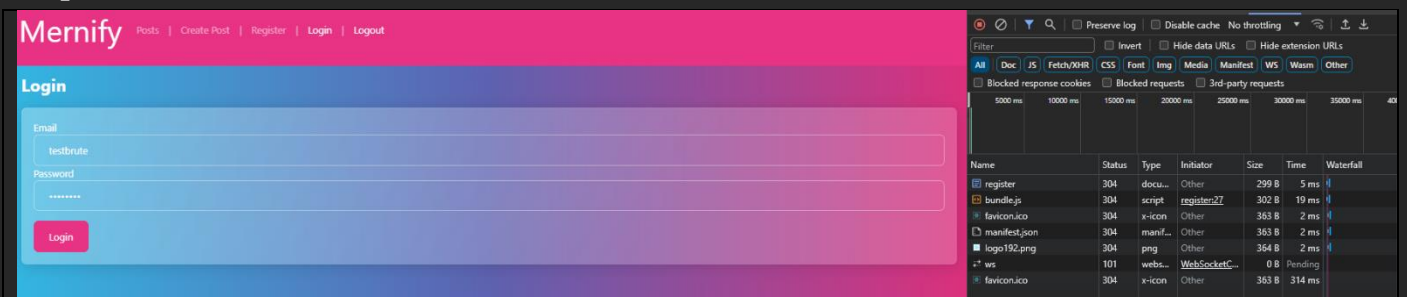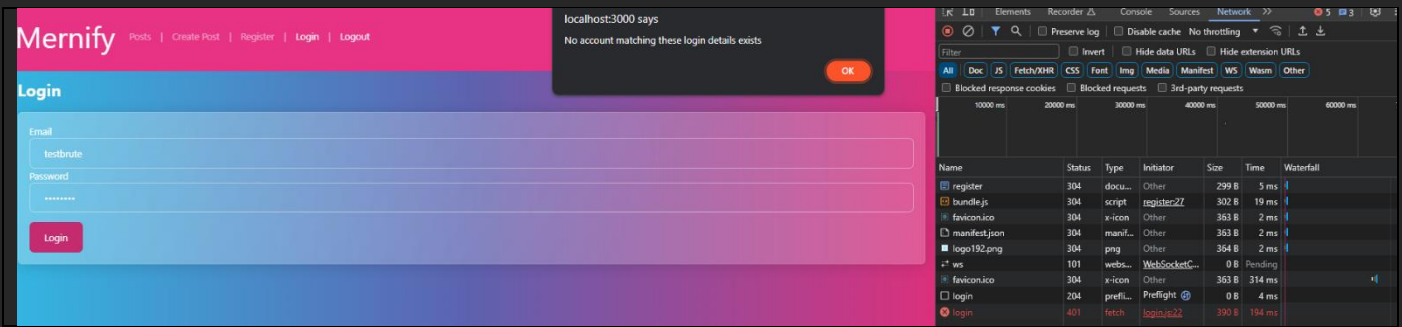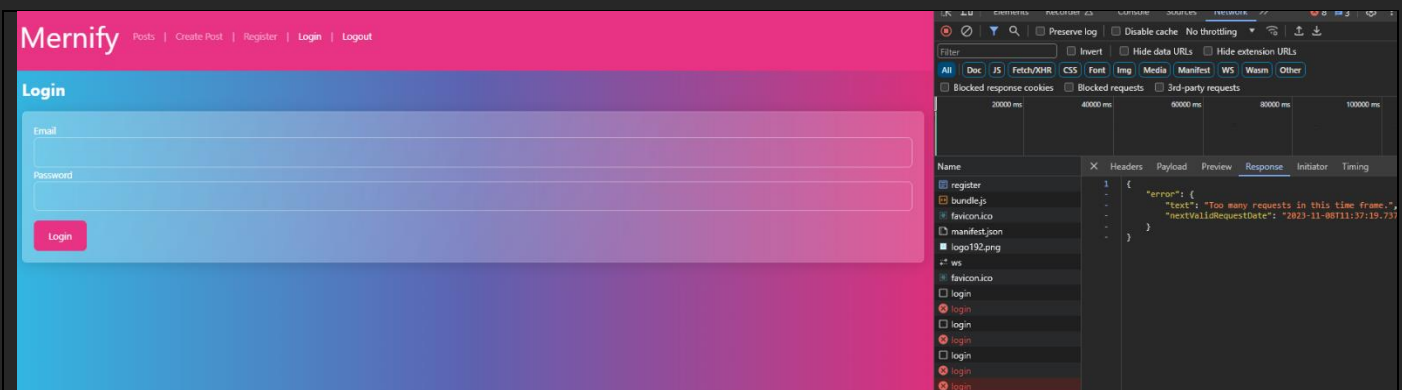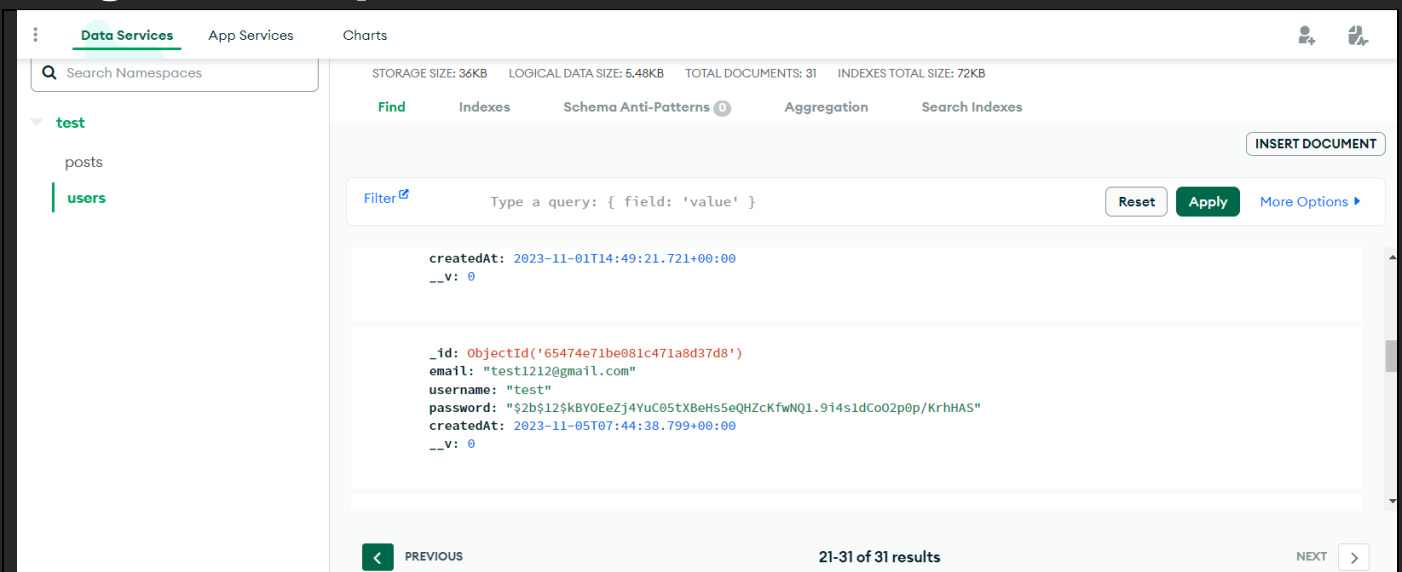**Note: The user can fail up to 3 times in 15 seconds before they are temporarily blocked**
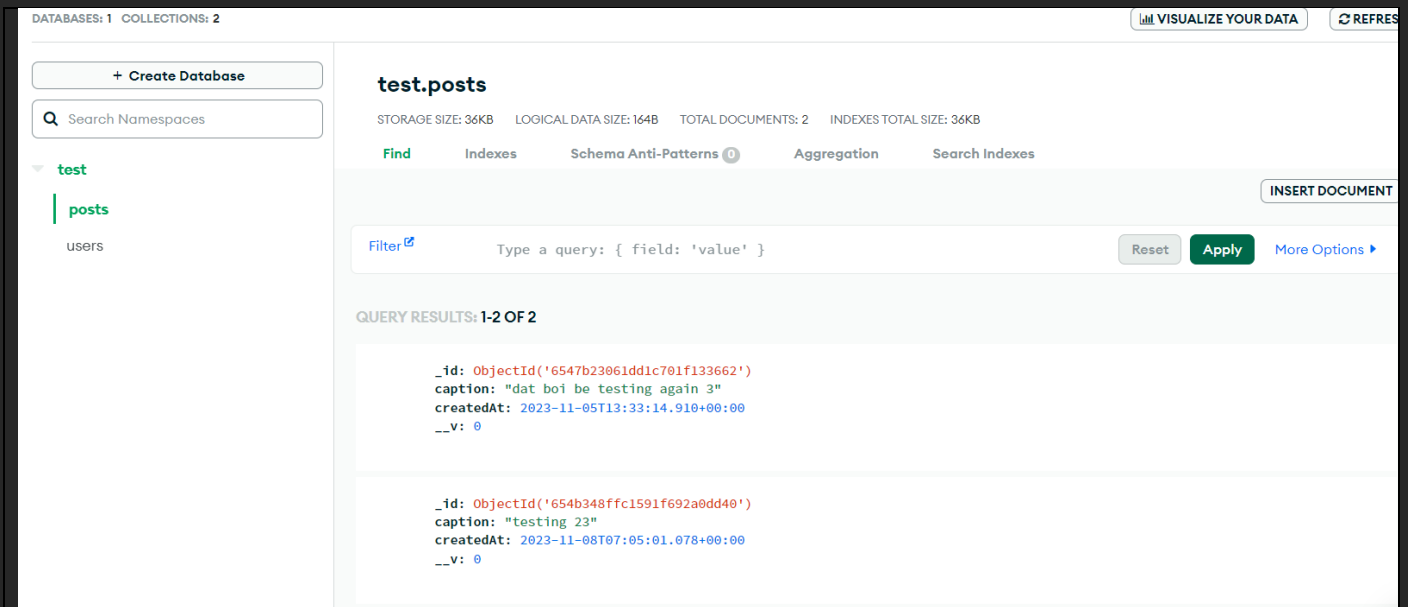

<Fig 2.6>
Note: On the 4th attempt the server blocked requests from the IP of this broswer until a further time, which is stated in the response message from the server.

Mongo DB Setup

<Fig 2.6>
Note: The user's collection

<Fig 2.6>
Note: The post's collection

GitHub and Demo Video

You can find a brief demo video of me demonstrating my web app and it's functions on the GitHub repo for this project at:
https://github.com/ST10084225/APDS7311_POE.git

Code Attribution

1.) How to implement express-brute: https://www.npmjs.com/package/express-brute (Accessed: 29 October 2023).

2.) How to implement Morgan: https://www.npmjs.com/package/morgan (Accessed: 30 October 2023).