Login:

The login page will take in two user inputs for username and password. It will take the username inputted and then compare the username and password inputted into the login page with the corresponding username and password in our database.

If the username and password are valid it will redirect the user onto our home page where they can continue to use the website. If invalid a message will be displayed saying "Incorrect Username or Password" along with a status 400 and the user can attempt to re-input username and password.

In order to test API we will test both the positive and negative cases. First we will test the positive case where the username and password are in our database and correspond with each other resulting in a successful login. Second we will test the negative case where the login is unsuccessful and either the username does not exist or the password does not match the inputted username.

These tests will have to occur early on in the scope of our project to ensure that we can continue testing the rest of the application.

All of these tests will be executed in the server.spec.js file within our project directory.

Register:

The register page will take in two user inputs for username and password. It will then make sure that username does not exist in the table, and if it does will show a status message to the user and prompt them to try again. If it is not already in the table, the username and (hashed) password will be added to the users database so the user can log in.

NOTE: our register API route is currently not fully functional, so the negative test case (in which the user already exists) does not work. This will be fixed!

UATs

Register
- A user should be able to create a new account without inconvenience
- Acceptance criteria:
    - The entire form must only be submittable given it is fully filled out
    - When submitted, the user should know whether it worked or not
    - If the registration is unsuccessful then the user will be notified as to why
Favoriting Stocks
- Given the user is logged in, the user will have the option to favorite a stock by clicking a button next to a stock symbol after searching it.

- Acceptance criteria:
    - A user cannot favorite a stock without being logged in
    - When a stock is favorite, the info of the stock and user is stored in tables and respective linking tables to store the favoriting.

Home View
- Viewing the home, a user should be able to see a navbar at the top, a stock ticker below that, their favorite stocks, and a preview of a few news articles.
- Acceptance criteria:
    - The header will be visible along with stock ticker
    - A user must be logged in to view this
    - If there are no favorite stocks, a prompt will show up guiding them to the search
    - If the user has favorite stocks, they will appear front and center.
    - Only a few news articles will appear below that, with a prompt to go to the news page.