## Login System Test Oct 13, 2022

## **OVERVIEW**

Create a basic login system in React with Redux using CLASSES. Use a nice template or code one from scratch. No functional programming unless absolutely necessary for example, child components.

Register form should have two inputs, One for the user's email and the other for the user's password. The same goes for the Login form. When a user registers the state should be updated to reflect the user's email address on the login form input for their email.

Make sure to validate the email and password on both the front end and back end. Security is very important. For the back end use MySQL. Do not allow duplicate emails. Use regular expressions. Back end should be written in Express. Hash sensitive data.

This challenge is to show your methodology and originality coding practices.

**IMPORTANT\*\*** 

Do not turn in work that does not meet the requirements.

## **GOALS**

- 1. Create a fully functional login system in MySQL, Express, React, Redux, Node.js.
- 2. Use classes for all parent components.
- 3. Upload to GitHub and share link with me on upwork