

We'd like to get a feel for how you approach problems, how you think, and how you design your code.

Please complete the exercise below in Typescript and create-react-app, and upload your code to a github repo!

Thank you and have fun!

Requirements

Your application should at least include:

1. A simple menu with several buttons in the homepage
2. Clicking one of the buttons will display a login form. The form contains username input, password input, submit button and cancel button.
 - a. Clicking submit should send the form data to a fake endpoint
 - b. Clicking cancel should take you back to your previous menu.
 - c. Showing error message when the username or password is incorrect
3. Unittests is required

If you have time:

1. Imagine how this menu can be reusable. Pass a JSON data structure to render a nested menu containing buttons and clicking some buttons in the menu will either display a new nested menu.

Recommendations

1. Feel free to use frameworks and libraries
2. Keep understandable and clear coding style
3. Include a README file with clear build instructions that we can follow.
4. Have a good git commit history