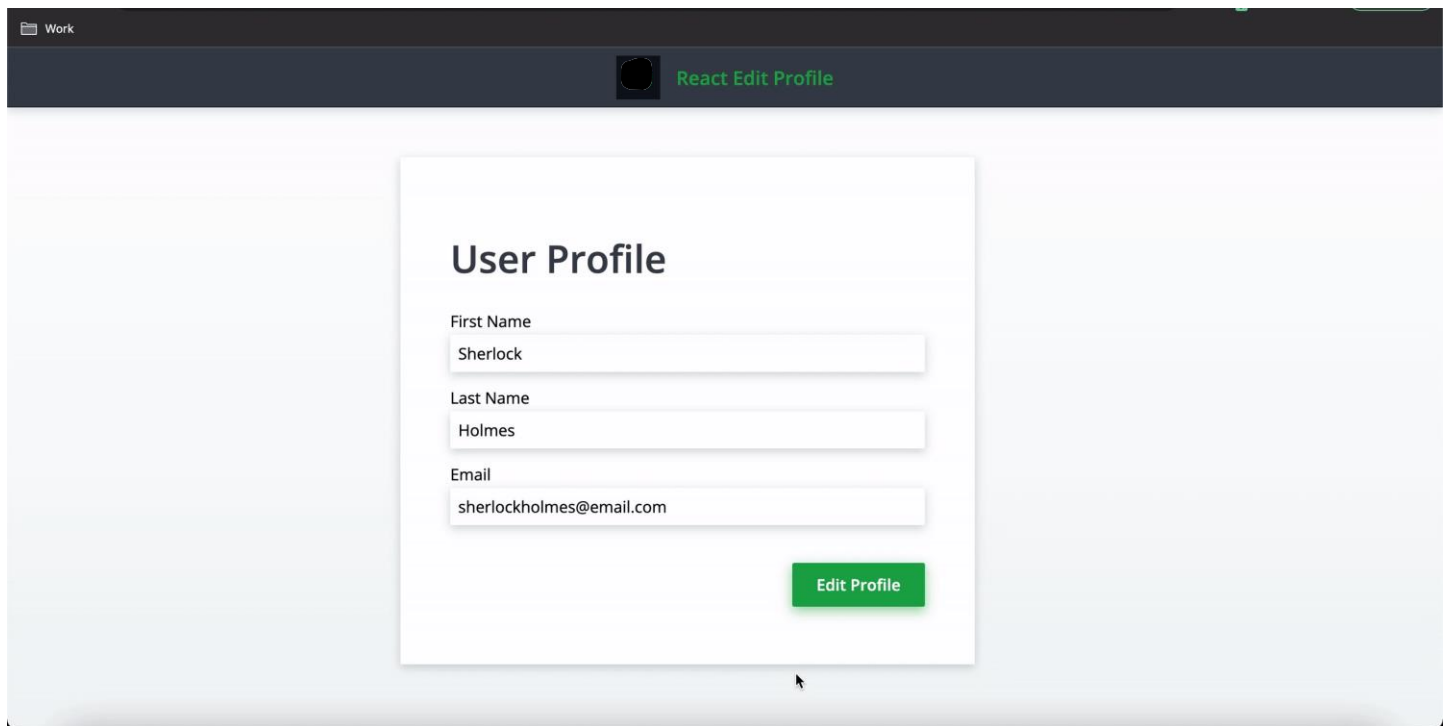**React(TypeScript): Edit Profile**

Complete a React Edit Profile application as shown in order to pass all the unit tests. Certain core React functionalities are already implemented.

<u>Hide animation Show animation</u>

The application has only 1 component:

- The Profile component enables the user to update his/her details.

The application has the following functionalities:

- The Profile component shows the user their details and allows editing.
- Initially, there should be 3 divs with the following values:
    - First Name: **Sherlock**
    - Last Name: **Holmes**
    - Email: **sherlockholmes@email.com**
- Initially, the button should have the text value Edit Profile.
- The following functionality should be implemented when the user clicks the 'Edit Profile' button.
    - The user can now edit the details in the divs.
    - The button should now have the text value "Save Changes".
- The following functionality should be implemented when the user edits the details and clicks the Save Changes button.
    - If one or more of the fields is empty, there should be an alert prompt with the text "Please enter all profile fields" and no values should be updated.
    - If all the fields are non-empty, there should be an alert prompt with the text "Profile updated successfully".
    - The input values should be the updated values and should be in uneditable divs.
    - The button text should be Edit Profile.

The following data-testid attributes are required in the component for the tests to pass:

Description	Name
First Name <div>	firstNameDiv
Last Name <div>	lastNameDiv
Email <div>	emailDiv
First Name <input>	firstNameInput
Last Name <input>	lastNameInput
Email <input>	emailInput
<button>.	changeButton

The component has data-testid attributes for test cases and certain classes and ids for rendering purposes. They should not be changed.