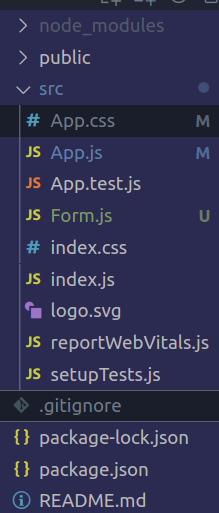
**User Registration Form in ReactJS**



*Project Structure*

**Filename: App.css** This file contains all the CSS that we need for this example which is not only self-explanatory but also out of the scope of this article. Although it is given here for your reference.

* CSS

|  |
| --- |
| **.App {**  **text-align: center;**  **background-color:green;**  **}**    **.label{**  **display: block;**  **font-size: larger;**  **color: white;**  **padding: 5px;**  **}**    **.input{**  **font-size: larger;**  **padding: 5px;**  **margin: 2px;**    **}**  **.btn{**  **color: white;**  **background-color: red;**  **border-radius: 5px;**  **font-size: larger;**  **display: block;**  **padding: 5px;**  **margin: 10px auto;**  **}**    **.messages{**  **display: flex;**  **justify-content: center;**  **}**    **.error{**  **display: block;**  **background-color: red;**  **color: white;**  **width: fit-content;**  **height: 50px;**  **padding: 5px;**  **}**    **.success{**  **display: block;**  **background-color: lightblue;**  **color: black;**  **width: fit-content;**  **height: 50px;**  **padding: 5px;**  **}** |

**Filename: App.js**This App.js is the file, which is being rendered by React by default in the index.js file, we will not touch that index.js file, instead all our components which we make will be rendered inside this App.js as shown below.

* Javascript

|  |
| --- |
| **import './App.css';**  **import Form from "./Form"**    **function App() {**  **return (**  **<div className="App">**  **<Form />**  **</div>**    **);**  **}**    **export default App;** |

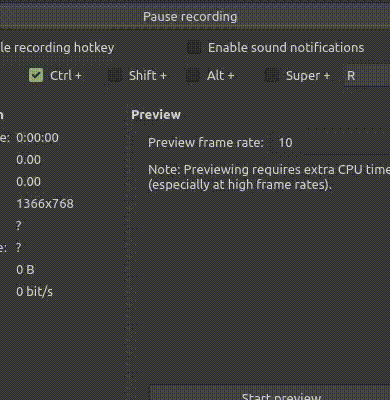
**Filename: Form.js**

|  |
| --- |
| *import { useState } from 'react';*    *export default function Form() {*    *// States for registration*    const [name, setName] = useState('');    const [email, setEmail] = useState('');    const [password, setPassword] = useState('');    *// States for checking the errors*  **const [submitted, setSubmitted] = useState(false);**  **const [error, setError] = useState(false);**    *// Handling the name change*    const handleName = (e) => {      setName(e.target.value);      setSubmitted(false);    };      // Handling the email change    const handleEmail = (e) => {      setEmail(e.target.value);      setSubmitted(false);    };      // Handling the password change    const handlePassword = (e) => {      setPassword(e.target.value);      setSubmitted(false);    };      // Handling the form submission    const handleSubmit = (e) => {      e.preventDefault();      if (name === '' || email === '' || password === '') {        setError(true);      } else {        setSubmitted(true);        setError(false);      }    };      // Showing success message    const successMessage = () => {      return (        <div          className="success"          style={{            display: submitted ? '' : 'none',          }}>          <h1>User {name} successfully registered!!</h1>        </div>      );    };      // Showing error message if error is true    const errorMessage = () => {      return (        <div          className="error"          style={{            display: error ? '' : 'none',          }}>          <h1>Please enter all the fields</h1>        </div>      );    };      return (      <div className="form">        <div>          <h1>User Registration</h1>        </div>          {/\* Calling to the methods \*/}        <div className="messages">          {errorMessage()}          {successMessage()}        </div>          <form>          {/\* Labels and inputs for form data \*/}          <label className="label">Name</label>          <input onChange={handleName} className="input"            value={name} type="text" />            <label className="label">Email</label>          <input onChange={handleEmail} className="input"            value={email} type="email" />            <label className="label">Password</label>          <input onChange={handlePassword} className="input"            value={password} type="password" />            <button onClick={handleSubmit} className="btn" type="submit">            Submit          </button>        </form>      </div>    );  } |

Run the application using the following command:

npm start

**Output:**



*Output*