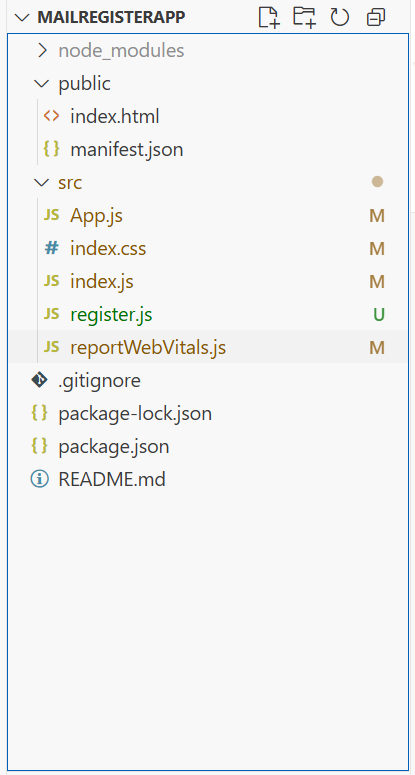
**16. ReactJS-HOL**

****

**Register.js**import React, { Component } from 'react';

class Register extends Component {

constructor(props) {

super(props);

this.state = {

fullName: '',

email: '',

password: '',

errors: {

fullName: '',

email: '',

password: ''

}

};

}

handleChange = (event) => {

const { name, value } = event.target;

let errors = this.state.errors;

switch (name) {

case 'fullName':

errors.fullName =

value.length < 5 ? 'Full Name must be 5 characters long!' : '';

break;

case 'email':

const validEmailRegex = RegExp(

/^[^\s@]+@[^\s@]+\.[^\s@]+$/

);

errors.email = validEmailRegex.test(value)

? ''

: 'Email is not valid!';

break;

case 'password':

errors.password =

value.length < 8 ? 'Password must be 8 characters long!' : '';

break;

default:

break;

}

this.setState({ errors, [name]: value });

};

validateForm = (errors) => {

let valid = true;

Object.values(errors).forEach(

(val) => val.length > 0 && (valid = false)

);

return valid;

};

handleSubmit = (event) => {

event.preventDefault();

if (this.validateForm(this.state.errors)) {

alert('Valid Form');

} else {

if (this.state.errors.fullName) alert(this.state.errors.fullName);

if (this.state.errors.email) alert(this.state.errors.email);

if (this.state.errors.password) alert(this.state.errors.password);

}

};

render() {

return (

<div style={{ textAlign: 'center', marginTop: '50px' }}>

<h2 style={{ color: 'red' }}>Register Here!!!</h2>

<form onSubmit={this.handleSubmit}>

<div>

<label>Name: </label>

<input

type="text"

name="fullName"

onChange={this.handleChange}

required

/>

</div>

<br />

<div>

<label>Email: </label>

<input

type="email"

name="email"

onChange={this.handleChange}

required

/>

</div>

<br />

<div>

<label>Password: </label>

<input

type="password"

name="password"

onChange={this.handleChange}

required

/>

</div>

<br />

<button type="submit">Submit</button>

</form>

</div>

);

}

}

export default Register;

**App.js**  
import React from 'react';

import Register from './register';

function App() {

return (

<div className="App">

<Register />

</div>

);

}

export default App;

index.js  
  
import React from 'react';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

<React.StrictMode>

<App />

</React.StrictMode>

);

reportWebVitals();

