**WEEK 7**

**Module 10 – Single Page Application framework – React**

**15. ReactJS-HOL**

**CODE:**

**src/components/ComplaintRegister.js**

import React from 'react';

import './ComplaintRegister.css';

class ComplaintRegister extends React.Component {

constructor(props) {

super(props);

this.state = {

ename: '',

complaint: '',

transactionId: Math.floor(Math.random() \* 100) + 1

};

}

handleChange = (event) => {

this.setState({ [event.target.name]: event.target.value });

};

handleSubmit = (event) => {

const msg = Thanks ${this.state.ename}\nYour Complaint was Submitted.\nTransaction ID is: ${this.state.transactionId};

alert(msg);

event.preventDefault();

};

render() {

return (

<div className="container">

<h1 className="heading">Register your complaints here!!!</h1>

<form onSubmit={this.handleSubmit}>

<div className="form-group">

<label>Name:</label>

<input

type="text"

name="ename"

value={this.state.ename}

onChange={this.handleChange}

required

/>

</div>

<div className="form-group">

<label>Complaint:</label>

<textarea

name="complaint"

value={this.state.complaint}

onChange={this.handleChange}

required

/>

</div>

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

</form>

</div>

);

}

}

export default ComplaintRegister;

**src/components/ComplaintRegister.css**

.container {

text-align: center;

padding: 40px;

font-family: Arial, sans-serif;

}

.heading {

color: red;

font-weight: bold;

font-size: 28px;

margin-bottom: 30px;

}

.form-group {

margin: 20px;

}

label {

font-weight: bold;

margin-right: 10px;

font-size: 18px;

}

input[type="text"],

textarea {

padding: 8px;

font-size: 16px;

width: 300px;

}

button {

padding: 10px 20px;

font-size: 16px;

background-color: white;

border: 2px solid gray;

cursor: pointer;

margin-top: 15px;

}

button:hover {

background-color: lightgray;

}

**src/App.js**

import React from 'react';

import ComplaintRegister from './components/ComplaintRegister';

import './App.css';

function App() {

return (

<div className="App">

<ComplaintRegister />

</div>

);

}

export default App;

**OUTPUT:**



