**ReactJS Handson**

**Q.** Create a React App named “ticketraisingapp” which will help to raise a complaint and get it resolved.

Create a component named “ComplaintRegister” with a form containing a textbox to enter the employee name and a textarea to enter the complaint. Use “handleSubmit” event of the button to submit the complaint and generate a Reference number for further follow ups in the alert box.

**ComplaintRegister.js**

import React, { Component } from 'react';

class ComplaintRegister extends Component {

  constructor(props) {

    super(props);

    this.state = {

      ename: '',

      complaint: '',

      NumberHolder: '',

    };

    this.handleChange = this.handleChange.bind(this);

    this.handleSubmit = this.handleSubmit.bind(this);

  }

  handleChange(event) {

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

  }

  handleSubmit(event) {

    const transactionId = Math.floor(10 + Math.random() \* 90);

    this.setState({ NumberHolder: transactionId }, () => {

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

      alert(msg);

    });

    event.preventDefault(); }

  render() {

    return (

      <div>

        <h1>Register your complaints here!!!</h1>

        <form onSubmit={this.handleSubmit}>

          <div>

            <label htmlFor="ename">Name:</label>

            <input

              type="text"

              id="ename"

              name="ename"

              value={this.state.ename}

              onChange={this.handleChange}

            />

          </div>

          <div>

            <label htmlFor="complaint">Complaint:</label>

            <textarea

              id="complaint"

              name="complaint"

              value={this.state.complaint}

              onChange={this.handleChange}

            />

          </div>

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

        </form>

      </div>

    );

  }

}

export default ComplaintRegister;

**App.js**

import './App.css';

import ComplaintRegister from './ComplaintRegister';

function App() {

  return (

    <div className="App">

      <ComplaintRegister />

    </div>

  );

}

export default App;

**App.css**

.App {

  display: flex;

  flex-direction: column;

  align-items: center;

  justify-content: center;

  min-height: 100vh;

  font-family: Arial, sans-serif;

}

h1 {

  color: red;

  margin-bottom: 20px;

}

form div {

  margin-bottom: 15px;

  display: flex;

  align-items: center;

  gap: 10px;

}

form label {

  font-weight: bold;

  width: 80px;

  text-align: right;

}

form input[type="text"],

form textarea {

  padding: 8px;

  border: 1px solid #ccc;

  border-radius: 4px;

  width: 200px;

}

form textarea {

    resize: vertical;

    min-height: 50px;

}

form button {

  padding: 10px 20px;

  background-color: #007bff;

  color: white;

  border: none;

  border-radius: 5px;

  cursor: pointer;

  font-size: 16px;

  margin-top: 10px;

  margin-left: auto;

  display: block;

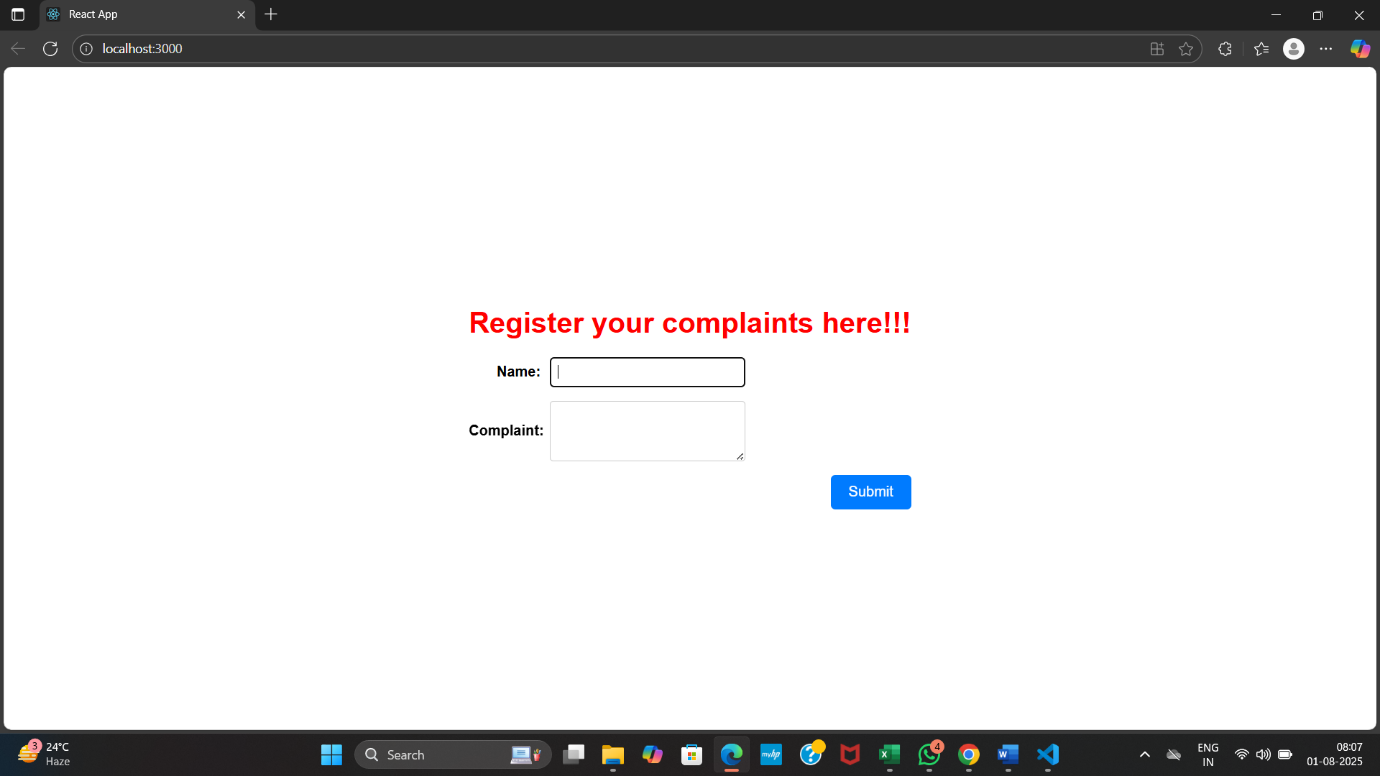
}

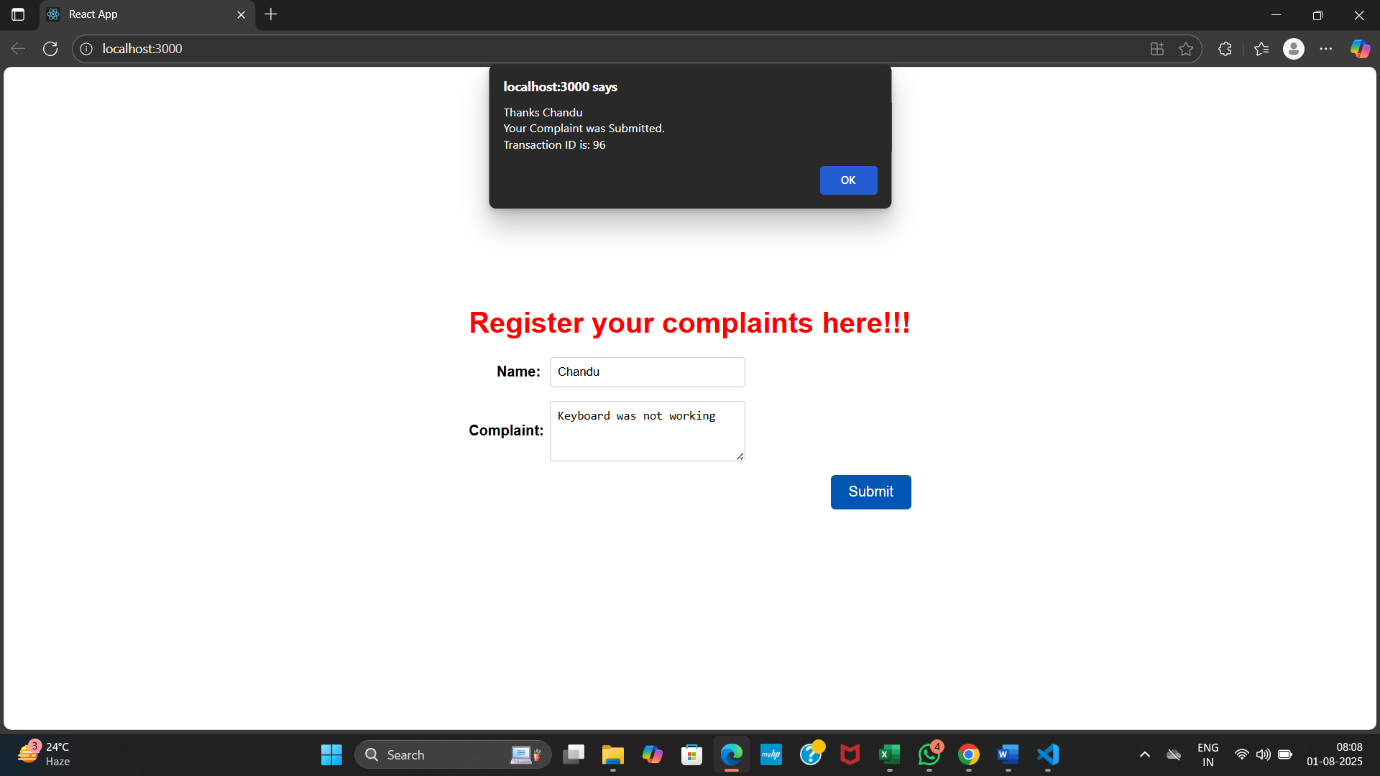
form button:hover {

  background-color: #0056b3;

}

**OUTPUT**

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