**15.REACT**

**Index.html**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <link rel="icon" href="%PUBLIC\_URL%/favicon.ico" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

  <title>Ticket Raising App</title>

</head>

<body>

  <div id="root"></div>

</body>

</html>

**App.js**

import React from 'react';

import ComplaintRegister from './ComplaintRegister';

function App() {

  return (

    <div>

      <h1>Ticket Raising App</h1>

      <ComplaintRegister />

    </div>

  );

}

export default App;

**ComplaintRegister.js**

import React, { useState } from 'react';

const ComplaintRegister = () => {

  const [employeeName, setEmployeeName] = useState('');

  const [complaint, setComplaint] = useState('');

  const handleSubmit = (e) => {

    e.preventDefault();

    const referenceNumber = 'REF-' + Math.floor(100000 + Math.random() \* 900000);

    alert(`Complaint submitted by ${employeeName}\nReference Number: ${referenceNumber}`);

    setEmployeeName('');

    setComplaint('');

  };

  return (

    <form onSubmit={handleSubmit}>

      <label>Employee Name:</label>

      <input

        type="text"

        value={employeeName}

        onChange={(e) => setEmployeeName(e.target.value)}

        required

      />

      <label>Complaint:</label>

      <textarea

        value={complaint}

        onChange={(e) => setComplaint(e.target.value)}

        required

      />

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

    </form>

  );

};

export default ComplaintRegister;

**index.css**

body {

  font-family: Arial, sans-serif;

  padding: 20px;

}

form {

  display: flex;

  flex-direction: column;

  max-width: 400px;

}

input, textarea {

  margin-bottom: 10px;

  padding: 8px;

  font-size: 14px;

}

button {

  padding: 10px;

  background-color: #007bff;

  color: white;

  border: none;

  cursor: pointer;

}

**Index.js**

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

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

root.render(<App />);

**Output:**



