1. **Ticketraisingapp**

**AIM:** 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.

**Program:**

**ComplaintRegister.js:**

import React, { useState } from 'react';

function ComplaintRegister() {

const [name, setName] = useState('');

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

const handleSubmit = (e) => {

e.preventDefault();

if (name.trim() === '' || complaint.trim() === '') {

alert('Please enter both name and complaint.');

return;

}

const transactionId = Math.floor(Math.random() \* 100); // Just a 2-digit random number

alert(

‘ Thanks ${name}\nYour Complaint was Submitted.\nTransaction ID is: ${transactionId}’

);

setName('');

setComplaint('');

};

return (

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

<h1 style={{ color: 'red' }}>Register your complaints here!!!</h1>

<form onSubmit={handleSubmit}>

<table style={{ margin: '0 auto' }}>

<tbody>

<tr>

<td style={{ padding: '10px' }}><label>Name:</label></td>

<td><input type="text" value={name} onChange={(e) => setName(e.target.value)} /></td>

</tr>

<tr>

<td style={{ padding: '10px' }}><label>Complaint:</label></td>

<td>

<textarea value={complaint} onChange={(e) => setComplaint(e.target.value)} />

</td>

</tr>

<tr>

<td colSpan="2" style={{ textAlign: 'center', paddingTop: '10px' }}>

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

</td>

</tr>

</tbody>

</table>

</form>

</div>

);

}

export default ComplaintRegister;

**APP.js:**

import React from 'react';

import ComplaintRegister from './ComplaintRegister';

function App() {

return (

<div>

<ComplaintRegister />

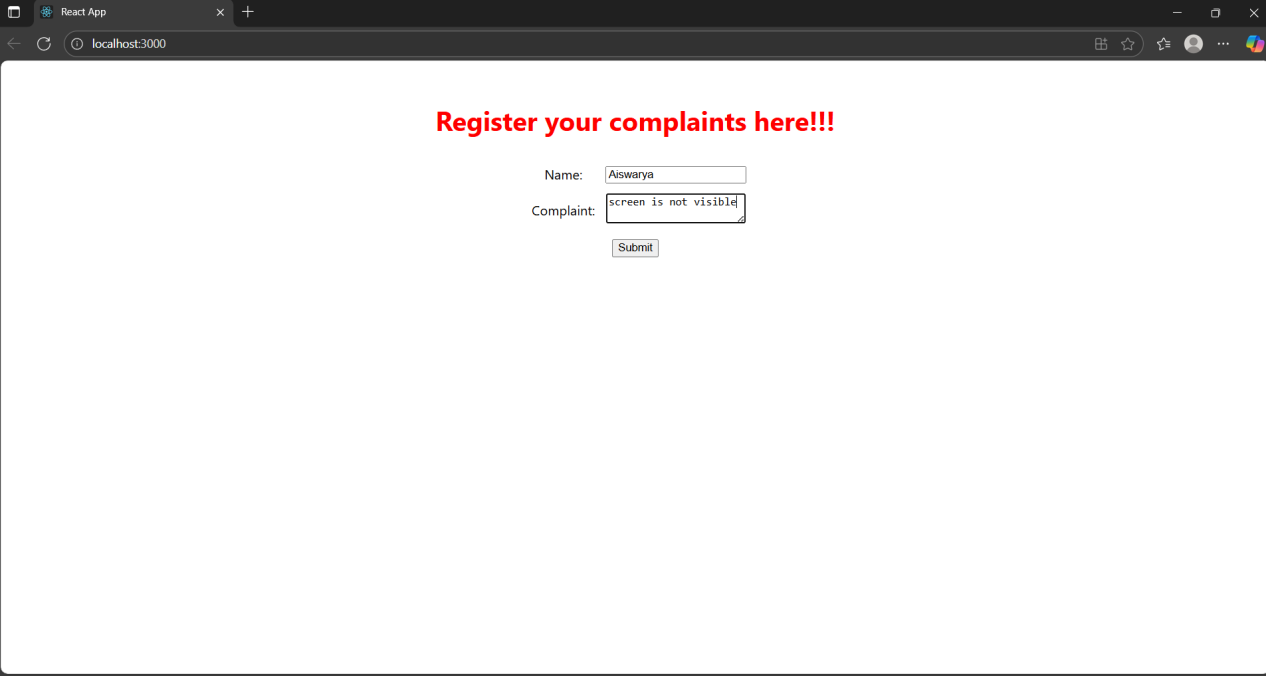
</div>

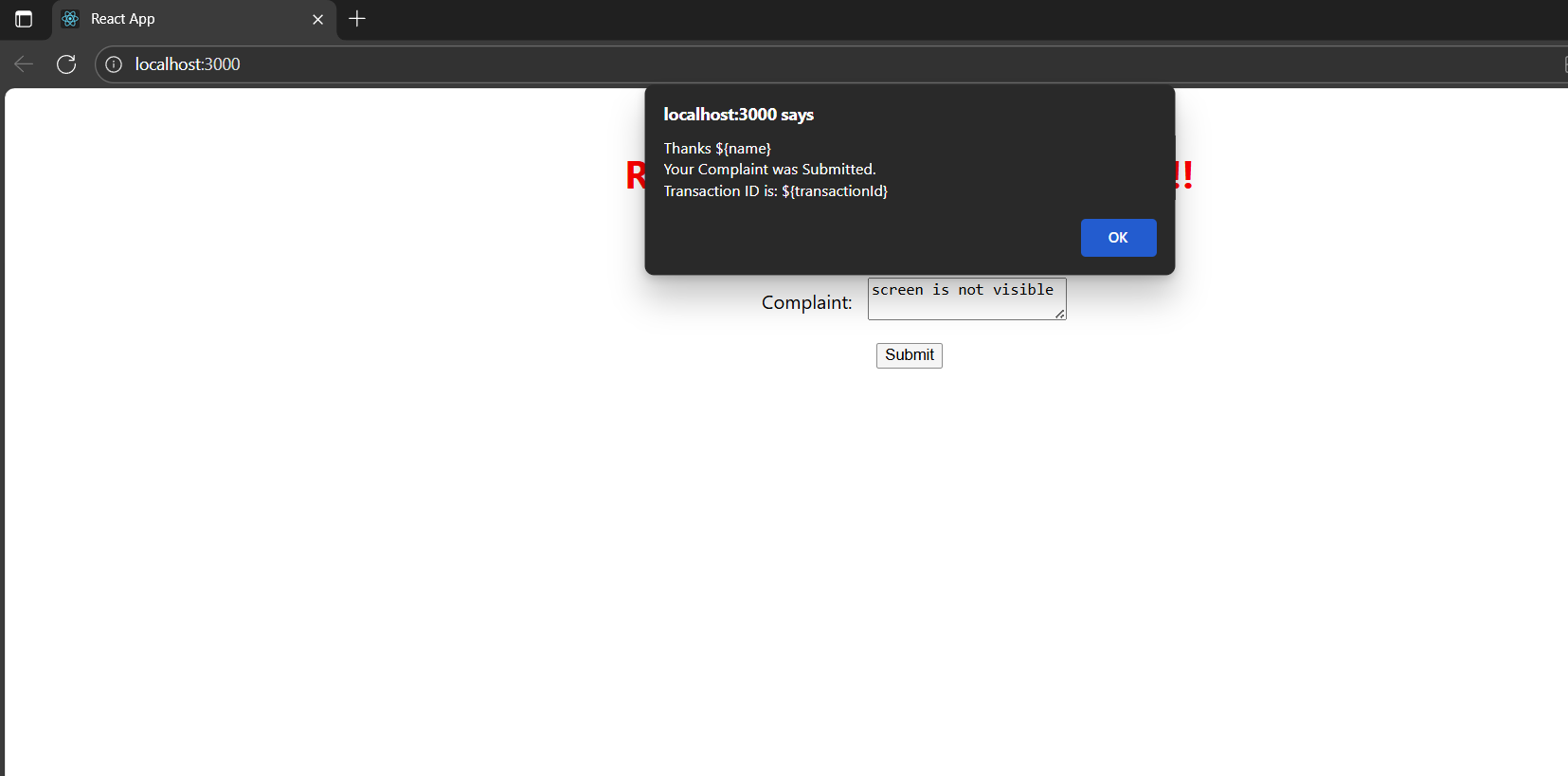
);

}

export default App;

**OUTPUT:**

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