1. **Ticketbookingapp**

**AIM:**Create a React Application named “ticketbookingapp” where the guest user can browse the page where the flight details are displayed whereas the logged in user only can book tickets.

The Login and Logout buttons should accordingly display different pages. Once the user is logged in the User page should be displayed. When the user clicks on Logout, the Guest page should be displayed.

**Programs:**

**App.js:**

import React, { useState } from 'react';

import GuestPage from './GuestPage';

import UserPage from './UserPage';

function App() {

const [isLoggedIn, setIsLoggedIn] = useState(false);

const handleLogin = () => setIsLoggedIn(true);

const handleLogout = () => setIsLoggedIn(false);

return (

<div>

{isLoggedIn ? (

<UserPage onLogout={handleLogout} />

) : (

<GuestPage onLogin={handleLogin} />

)}

</div>

);

}

export default App;

**GuestPage.js:**

import React from 'react';

import FlightDetails from './FlightDetails';

function GuestPage({ onLogin }) {

return (

<div style={{ textAlign: 'center' }}>

<h1>Please sign up.</h1>

<button onClick={onLogin}>Login</button>

<FlightDetails isUser={false} />

</div>

);

}

export default GuestPag**e;**

**UserPage.js:**

import React from 'react';

import FlightDetails from './FlightDetails';

function UserPage({ onLogout }) {

return (

<div style={{ textAlign: 'center' }}>

<h1>Welcome back</h1>

<button onClick={onLogout}>Logout</button>

<FlightDetails isUser={true} />

</div>

);

}

export default UserPage;

**FlightDetails.js:**

import React from 'react';

function FlightDetails({ isUser }) {

const flights = [

{ id: 1, from: 'New York', to: 'London', time: '10:00 AM' },

{ id: 2, from: 'Delhi', to: 'Dubai', time: '2:30 PM' },

{ id: 3, from: 'Tokyo', to: 'Sydney', time: '7:45 PM' },

];

return (

<div style={{ marginTop: '30px' }}>

<h2>Available Flights</h2>

<table border="1" style={{ margin: 'auto', padding: '10px' }}>

<thead>

<tr>

<th>From</th>

<th>To</th>

<th>Time</th>

{isUser && <th>Action</th>}

</tr>

</thead>

<tbody>

{flights.map((flight) => (

<tr key={flight.id}>

<td>{flight.from}</td>

<td>{flight.to}</td>

<td>{flight.time}</td>

{isUser && (

<td>

<button onClick={() => alert(Ticket booked for ${flight.from} to ${flight.to})}>

Book Now

</button>

</td>

)}

</tr>

))}

</tbody>

</table>

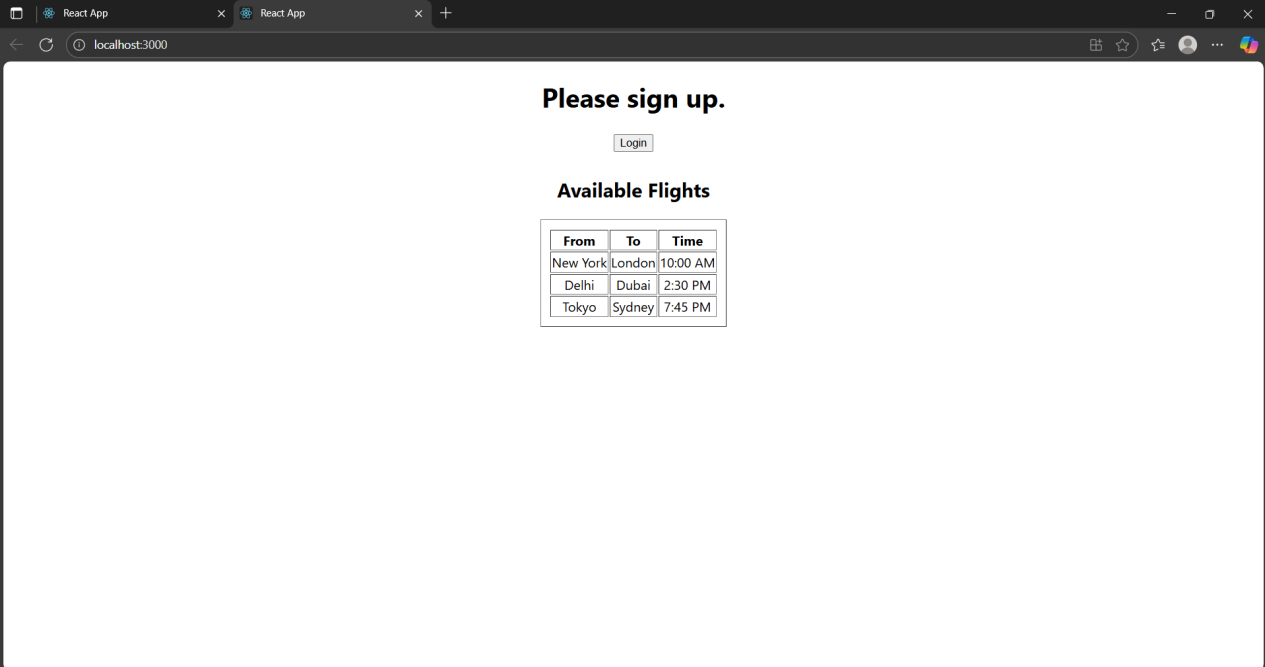
</div>

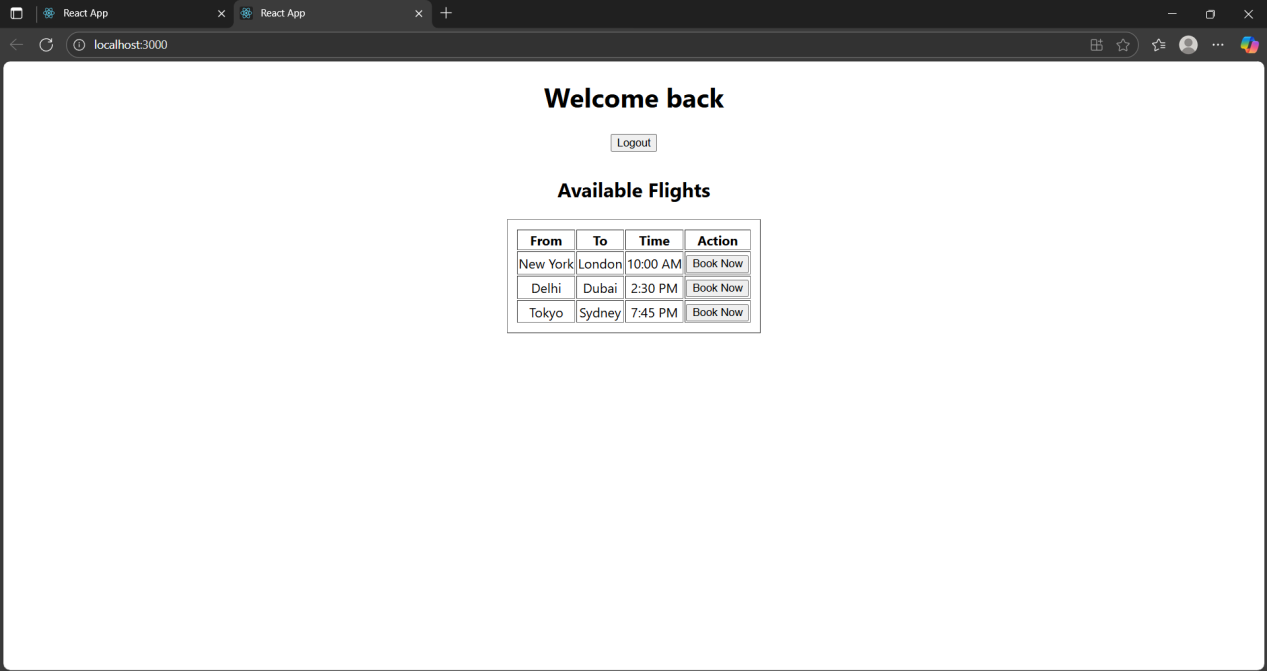
);

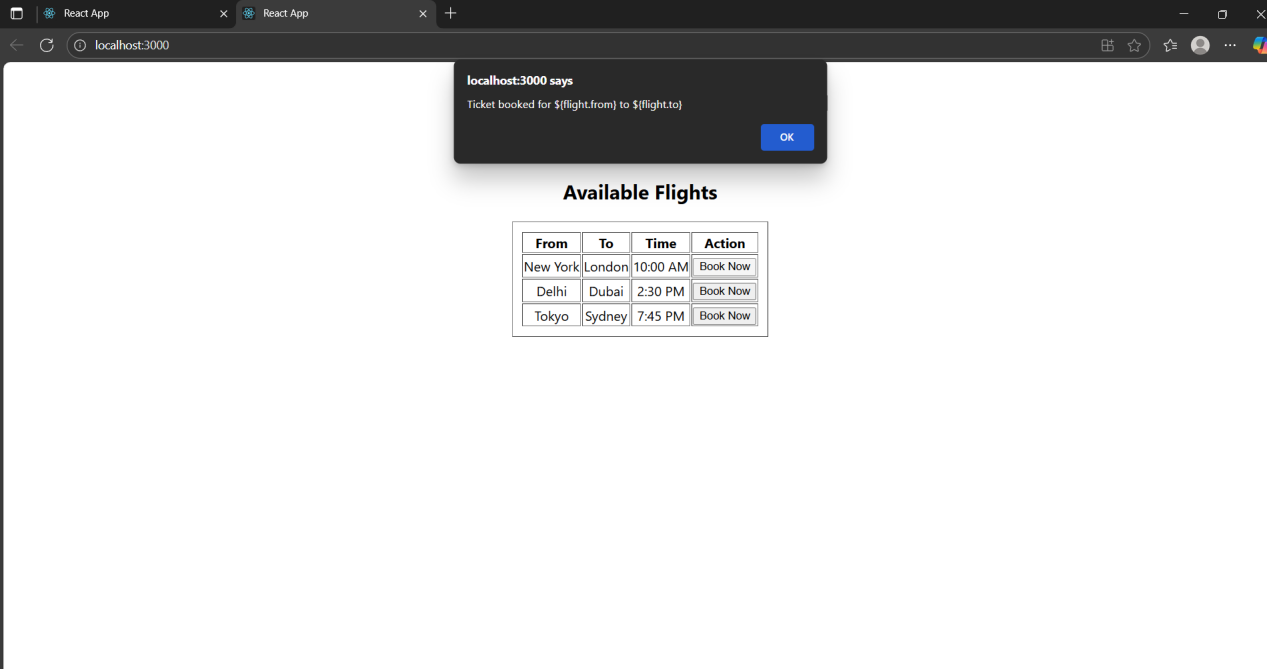
}

export default FlightDetails;

**Output:**

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