**12.ReactJs HOL**

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.

**React App : ticketbookingapp**

**FlightList.js**

import React from 'react';

function FlightList() {

const flights = [

{ id: 1, from: 'Chennai', to: 'Delhi', time: '10:00 AM' },

{ id: 2, from: 'Mumbai', to: 'Kolkata', time: '2:00 PM' },

{ id: 3, from: 'Bangalore', to: 'Hyderabad', time: '6:30 PM' }

];

return (

<div>

<h2>Available Flights</h2>

<ul>

{flights.map(flight => (

<li key={flight.id}>

{flight.from} → {flight.to} at {flight.time}

</li>

))}

</ul>

</div>

);

}

export default FlightList;

**GuestPage.js**

import React from 'react';

import FlightList from './FlightList';

function GuestPage() {

return (

<div>

<h1>Welcome Guest</h1>

<FlightList />

<p>Please login to book tickets.</p>

</div>

);

}

export default GuestPage;

**UserPage.js**

import React from 'react';

import FlightList from './FlightList';

function UserPage() {

const bookTicket = () => {

alert('Ticket booked successfully!');

};

return (

<div>

<h1>Welcome User</h1>

<FlightList />

<button onClick={bookTicket}>Book Ticket</button>

</div>

);

}

export default UserPage;

**LoginButton.js**

import React from 'react';

function LoginButton({ onLogin }) {

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

}

export default LoginButton;

**LogoutButton.js**

import React from 'react';

function LogoutButton({ onLogout }) {

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

}

export default LogoutButton;

**App.js**

import React, { useState } from 'react';

import GuestPage from './GuestPage';

import UserPage from './UserPage';

import LoginButton from './LoginButton';

import LogoutButton from './LogoutButton';

function App() {

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

const handleLogin = () => {

setIsLoggedIn(true);

}

const handleLogout = () => {

setIsLoggedIn(false);

}

return (

<div className="App">

<h1>Ticket Booking App</h1>

{isLoggedIn ? <LogoutButton onLogout={handleLogout} /> : <LoginButton onLogin={handleLogin} />}

<hr />

{isLoggedIn ? <UserPage /> : <GuestPage />}

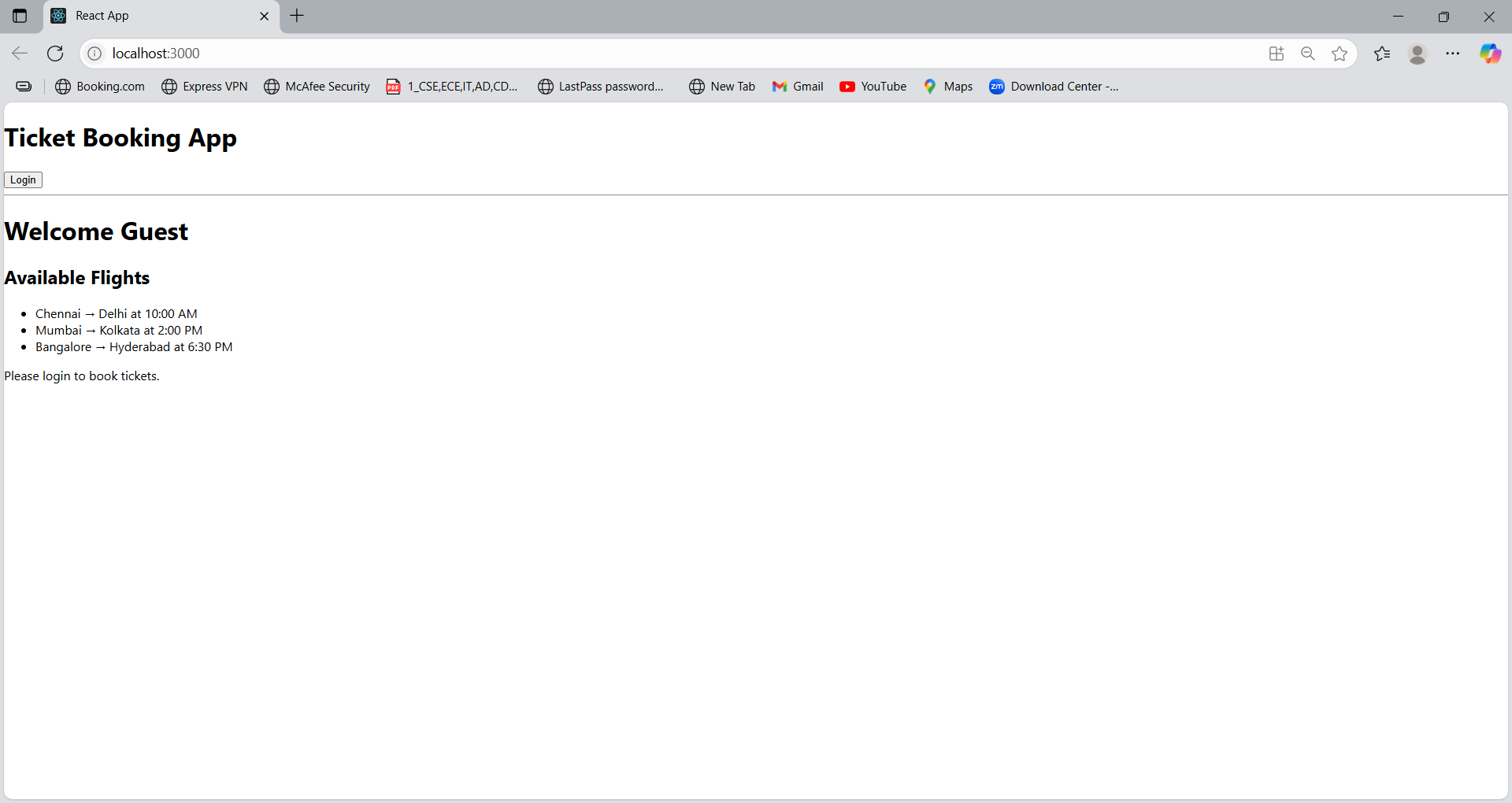
</div>

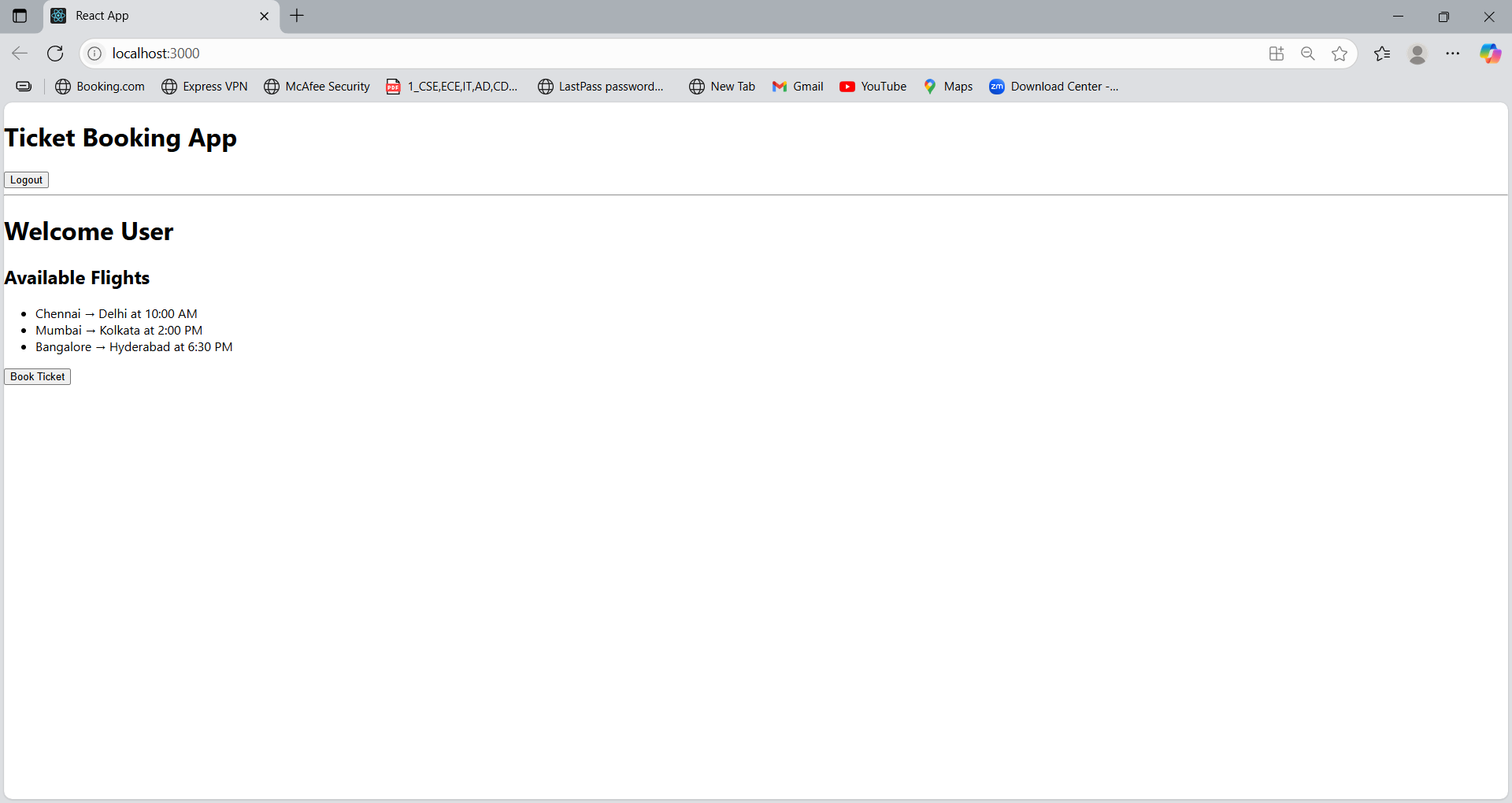
);

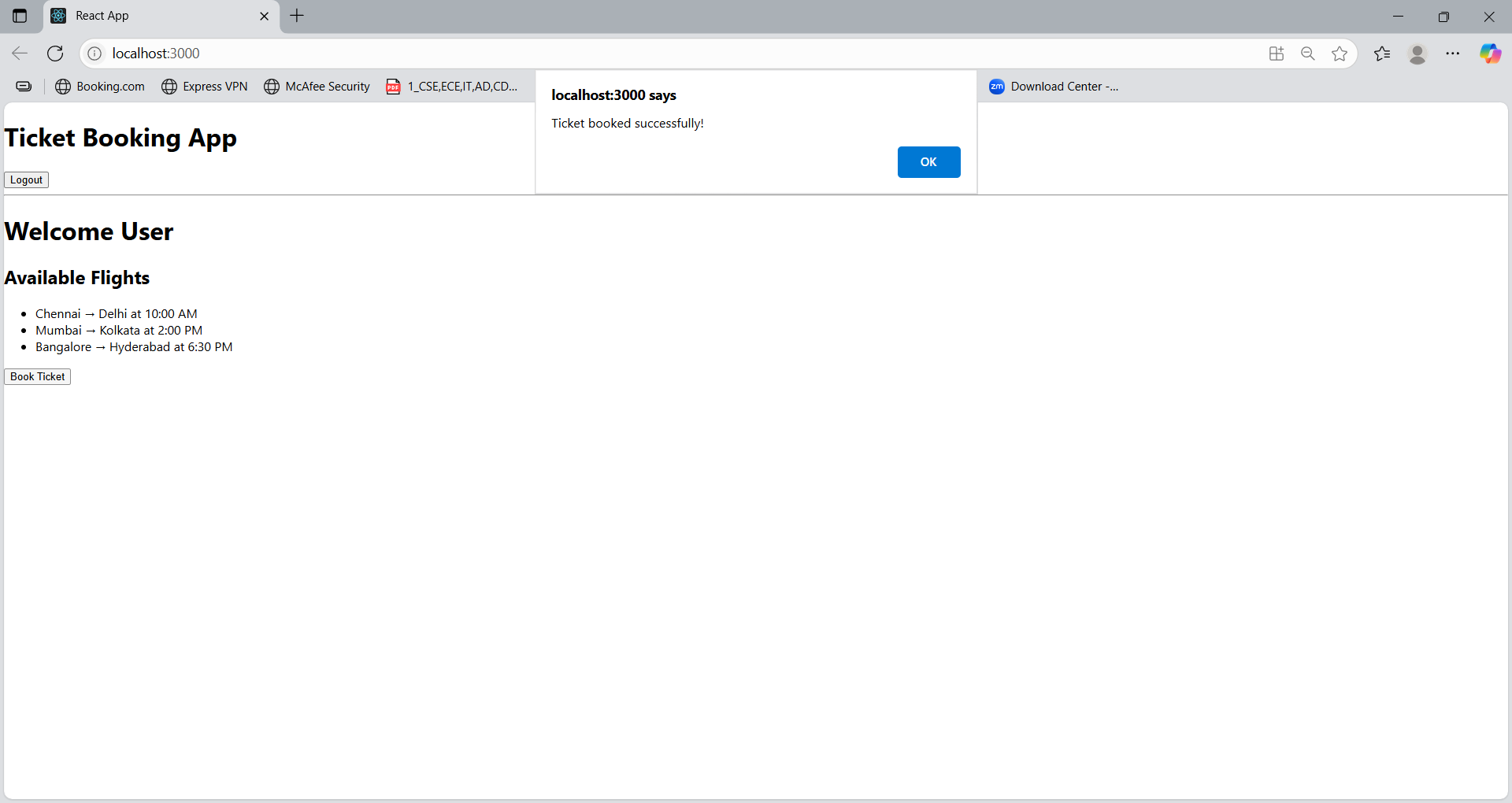
}

export default App;

**Final Output:**

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