**Problem Statement:**

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.

**Solution:**

**App.js**

import React, { useState } from 'react';

import GuestPage from './components/GuestPage';

import UserPage from './components/UserPage';

import LoginButton from './components/LoginButton';

import LogoutButton from './components/LogoutButton';

function App() {

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

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

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

let button;

let page;

if (isLoggedIn) {

button = <LogoutButton onClick={handleLogoutClick} />;

page = <UserPage />;

} else {

button = <LoginButton onClick={handleLoginClick} />;

page = <GuestPage />;

}

return (

<div>

{page}

{button}

</div>

);

}

export default App;

**L**[**oginButton.js**](http://login.js)

import React from 'react';

function LoginButton(props) {

return <button onClick={props.onClick}>Login</button>;

}

export default LoginButton;

**L**[**ogoutButton.js**](http://login.js)

import React from 'react';

function LogoutButton(props) {

return <button onClick={props.onClick}>Logout</button>;

}

export default LogoutButton;

**GuestPage**[**.js**](http://login.js)

import React from 'react';

function GuestPage() {

return (

<div style={{ textAlign: 'center', marginTop: '40px' }}>

<h1>Please sign up.</h1>

<p>Guests can only browse flight details.</p>

</div>

);

}

export default GuestPage;

**UserPage**[**.js**](http://login.js)

import React from 'react';

function UserPage() {

return (

<div style={{ textAlign: 'center', marginTop: '40px' }}>

<h1>Welcome back</h1>

<p>Logged-in users can now book tickets!</p>

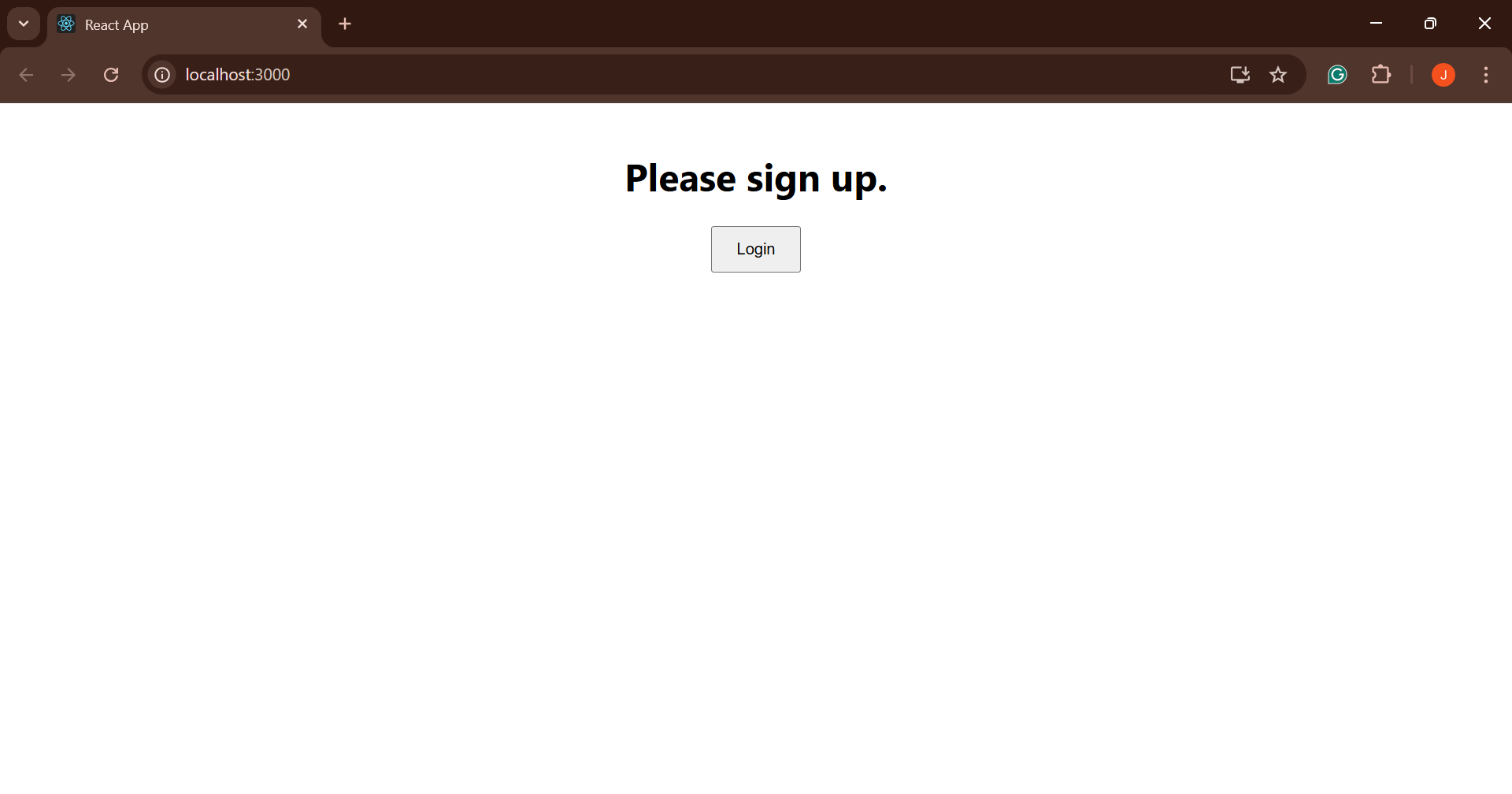
</div>

);

}

export default UserPage;

**Output:**

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