# SINGLE PAGE APPLICATION FRAMEWORK-REACT

Superset ID: 6412063

12.ReactJS HOL

App.js

import React, { useState } from 'react';

import GuestPage from './GuestPage';

import UserPage from './UserPage';

import './App.css';

function App() {

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

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

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

  let page;

  if (isLoggedIn) {

    page = <UserPage />;

  } else {

    page = <GuestPage />;

  }

  return (

    <div className="App">

      <h1>Ticket Booking App ✈️</h1>

      {isLoggedIn ? (

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

      ) : (

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

      )}

      <hr />

      {page}

    </div>

  );

}

export default App;

App.css

.App {

  padding: 20px;

  font-family: Arial, sans-serif;

}

button {

  margin: 10px;

  padding: 10px 15px;

  cursor: pointer;

}

GuestPage.js

import React from 'react';

function GuestPage() {

  return (

    <div>

      <h2>Welcome, Guest!</h2>

      <p>Here are some available flights:</p>

      <ul>

        <li>Chennai → Delhi - 8:00 AM</li>

        <li>Coimbatore → Bangalore - 10:30 AM</li>

        <li>Madurai → Mumbai - 3:15 PM</li>

      </ul>

      <p><strong>Login to book your tickets!</strong></p>

    </div>

  );

}

export default GuestPage;

UserPage.js

import React from 'react';

function UserPage() {

  return (

    <div>

      <h2>Welcome, User!</h2>

      <p>Select a flight to book your ticket:</p>

      <ul>

        <li>✈️ Chennai → Delhi - <button>Book</button></li>

        <li>✈️ Coimbatore → Bangalore - <button>Book</button></li>

        <li>✈️ Madurai → Mumbai - <button>Book</button></li>

      </ul>

    </div>

  );

}

export default UserPage;

Output:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated