**12. ReactJS-HOL**

**LoginButton.js:**

function LoginButton(props) {

  return (

    <button onClick={props.onClick}>

      Login

    </button>

  );

}

export default LoginButton;

**LogoutButton.js:**

import React from 'react';

function LogoutButton(props) {

  return (

    <button onClick={props.onClick}>

      Logout

    </button>

  );

}

export default LogoutButton;

**GuestPage:**

import React from 'react';

import FlightList from './FlightList';

function GuestPage() {

  return (

    <div>

      <h2>Hello Guest!</h2>

      <p>You can view flights, but please login to book.</p>

      <FlightList canBook={false} />

    </div>

  );

}

export default GuestPage;

**UserPage.js:**

import React from 'react';

import FlightList from './FlightList';

function UserPage() {

  return (

    <div>

      <h2>Hello User!</h2>

      <p>You can now book flights below:</p>

      <FlightList canBook={true} />

    </div>

  );

}

export default UserPage;

**Greeting.js:**

import React from 'react';

import UserGreeting from './UserGreeting';

import GuestGreeting from './GuestGreeting';

function Greeting(props) {

  const isLoggedIn = props.isLoggedIn;

  if (isLoggedIn) {

    return <UserGreeting />;

  }

  return <GuestGreeting />;

}

export default Greeting;

**FlightList.js:**

import React from 'react';

const flights = [

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

  { id: 2, from: 'Hyderabad', to: 'Bangalore', time: '01:30 PM' },

  { id: 3, from: 'Chennai', to: 'Kolkata', time: '06:45 PM' }

];

function FlightList({ canBook }) {

  return (

    <div>

      <h3>Available Flights</h3>

      <ul>

        {flights.map(flight => (

          <li key={flight.id} style={{ marginBottom: '10px' }}>

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

            {canBook && (

              <button

                style={{ marginLeft: '10px' }}

                onClick={() => alert(`Booked flight from ${flight.from} to ${flight.to}`)}

              >

                Book

              </button>

            )}

          </li>

        ))}

      </ul>

    </div>

  );

}

export default FlightList;

**App.js:**

import React, { useState } from 'react';

import LoginButton from './components/LoginButton';

import LogoutButton from './components/LogoutButton';

import GuestPage from './components/GuestPage';

import UserPage from './components/UserPage';

function App() {

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

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

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

  return (

    <div style={{ padding: '20px' }}>

      <h1>Ticket Booking App</h1>

      {isLoggedIn ? (

        <>

          <h3>Welcome Back</h3>

          <LogoutButton onClick={handleLogout} />

          <UserPage />

        </>

      ) : (

        <>

          <h3>Please signup</h3>

          <LoginButton onClick={handleLogin} />

          <GuestPage />

        </>

      )}

    </div>

  );

}

export default App;

**Output:**





