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.

GuestPage.js:

// components/GuestPage.js

import React from "react";

import FlightList from "./FlightList";

const GuestPage = () => (

  <div>

    <h2>Welcome, Guest!</h2>

    <p>You can view available flights but need to login to book.</p>

    <FlightList />

  </div>

);

export default GuestPage;

Login.js

// components/Login.js

import React from "react";

import { useNavigate } from "react-router-dom";

const Login = ({ onLogin }) => {

  const navigate = useNavigate();

  const handleLogin = () => {

    onLogin();         // Update login state

    navigate("/user"); // Redirect to UserPage

  };

  return (

    <div>

      <h2>Login Page</h2>

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

    </div>

  );

};

export default Login;

UserPage.js:

// components/UserPage.js

import React from "react";

import FlightList from "./FlightList";

const UserPage = () => (

  <div>

    <h2>Welcome, User!</h2>

    <p>You can now book tickets.</p>

    <FlightList showBooking={true} />

  </div>

);

export default UserPage;

updated app.js

// App.js

import React, { useState } from "react";

import { BrowserRouter as Router, Routes, Route, Navigate, Link } from "react-router-dom";

import GuestPage from "./components/GuestPage";

import UserPage from "./components/UserPage";

import Login from "./components/Login";

function App() {

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

  return (

    <Router>

      <div>

        <nav style={{ marginBottom: '20px' }}>

          {isLoggedIn ? (

            <>

              <Link to="/user">User Page</Link> |{" "}

              <button onClick={() => setIsLoggedIn(false)}>Logout</button>

            </>

          ) : (

            <>

              <Link to="/">Guest Page</Link> |{" "}

              <Link to="/login">Login</Link>

            </>

          )}

        </nav>

        <Routes>

          <Route path="/" element={<GuestPage />} />

          <Route

            path="/user"

            element={isLoggedIn ? <UserPage /> : <Navigate to="/" />}

          />

          <Route

            path="/login"

            element={<Login onLogin={() => setIsLoggedIn(true)} />}

          />

        </Routes>

      </div>

    </Router>

  );

}

export default App;

output:





