**12.REACT**

**Index.html**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <meta name="theme-color" content="#000000" />

    <meta name="description" content="Ticket Booking App using React" />

    <title>Ticket Booking App</title>

  </head>

  <body>

    <noscript>You need to enable JavaScript to run this app.</noscript>

    <div id="root"></div>

  </body>

</html>

**App.js**

import React, { useState } from 'react';

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 className="App">

      <h1>✈️ Ticket Booking App</h1>

      {isLoggedIn ? (

        <>

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

          <UserPage />

        </>

      ) : (

        <>

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

          <GuestPage />

        </>

      )}

    </div>

  );

}

export default App;

**index.js**

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(<App />);

**FlightList.js**

import React from 'react';

function FlightList() {

  const flights = [

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

    { id: 2, from: 'Hyderabad', to: 'Chennai', time: '12:00 PM' },

  ];

  return (

    <div>

      <h3>Available Flights</h3>

      <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>

      <h2>Welcome Guest</h2>

      <FlightList />

      <p>Please login to book a ticket.</p>

    </div>

  );

}

export default GuestPage;

**UserPage.js**

import React from 'react';

import FlightList from './FlightList';

function UserPage() {

  return (

    <div>

      <h2>Welcome User</h2>

      <FlightList />

      <button>Book Ticket</button>

    </div>

  );

}

export default UserPage;

**Output:**



