**REACT HandsOnLAB - 12**

In this hands-on lab, you will learn how to:

* Implement conditional rendering in React applications

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.

**App.js**

import React from 'react';

import LoginControl from './components/LoginControl';

import './App.css';

function App() {

  return (

    <div className="App">

      <header className="App-header">

        <h1>Flight Ticket Booking</h1>

      </header>

      <main>

        <LoginControl />

      </main>

    </div>

  );

}

export default App;

**LoginContol.js**

import React, { Component } from 'react';

import UserGreeting from './UserGreeting';

import GuestGreeting from './GuestGreeting';

import LoginButton from './LoginButton';

import LogoutButton from './LogoutButton';

import FlightDetails from './FlightDetails';

import BookingSection from './BookingSection';

class LoginControl extends Component {

  constructor(props) {

    super(props);

    this.handleLoginClick = this.handleLoginClick.bind(this);

    this.handleLogoutClick = this.handleLogoutClick.bind(this);

    this.state = { isLoggedIn: false };

  }

  handleLoginClick() {

    this.setState({ isLoggedIn: true });

  }

  handleLogoutClick() {

    this.setState({ isLoggedIn: false });

  }

  render() {

    const isLoggedIn = this.state.isLoggedIn;

    let button;

    let greeting;

    let content;

    if (isLoggedIn) {

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

      greeting = <UserGreeting />;

      content = <BookingSection />;

    } else {

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

      greeting = <GuestGreeting />;

      content = <FlightDetails />;

    }

    return (

      <div>

        {greeting}

        {content}

        {button}

      </div>

    );

  }

}

export default LoginControl;

**LoginButton.js**

import React from 'react';

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;

**BookingSection.js**

import React from 'react';

function BookingSection() {

  return (

    <div>

      <h2>Book Your Tickets</h2>

      <p>Select a flight and proceed to payment.</p>

      <button>Book Now</button>

    </div>

  );

}

export default BookingSection;

**FlightDetails.js**

import React from 'react';

function FlightDetails() {

  return (

    <div>

      <h2>Available Flights</h2>

      <ul>

        <li>Flight 101: New York to London</li>

        <li>Flight 202: Paris to Tokyo</li>

        <li>Flight 303: Sydney to Los Angeles</li>

      </ul>

      <p><i>Login to book your tickets.</i></p>

    </div>

  );

}

export default FlightDetails;

**UserGreeting.js**

import React from 'react';

function UserGreeting() {

  return <h1>Welcome back</h1>;

}

export default UserGreeting;

**GuestGreeting.js**

import React from 'react';

function GuestGreeting() {

  return <h1>Please sign up.</h1>;

}

export default GuestGreeting;



