**WEEK 7**

**11. ReactJS-HOL**

**Setup Your React App**

npx create-react-app ticketbookingapp

cd ticketbookingapp

npm start

**Components**

**LoginButton.jsx**

import React from 'react';

function LoginButton(props) {

return <button onClick={props.onClick}>Login</button>;

}

export default LoginButton;

**LogoutButton.jsx**

import React from 'react';

function LogoutButton(props) {

return <button onClick={props.onClick}>Logout</button>;

}

export default LogoutButton;

**GuestPage.jsx**

import React from 'react';

function GuestPage() {

return (

<div>

<h2>Welcome Guest!</h2>

<p>You can browse the available flights here.</p>

<ul>

<li> Delhi → Mumbai</li>

<li> Chennai → Bangalore</li>

<li> Hyderabad → Kolkata</li>

</ul>

</div>

);

}

export default GuestPage;

**UserPage.jsx**

import React from 'react';

function UserPage() {

return (

<div>

<h2>Welcome Back, User!</h2>

<p>You can now book tickets for the following flights:</p>

<ul>

<li> Delhi → Mumbai - ₹3,500 <button>Book</button></li>

<li> Chennai → Bangalore - ₹2,000 <button>Book</button></li>

<li> Hyderabad → Kolkata - ₹4,200 <button>Book</button></li>

</ul>

</div>

);

}

export default UserPage;

**Greeting.jsx — Conditional Rendering**

import React from 'react';

import GuestPage from './GuestPage';

import UserPage from './UserPage';

function Greeting(props) {

const isLoggedIn = props.isLoggedIn;

if (isLoggedIn) {

return <UserPage />;

}

return <GuestPage />;

}

export default Greeting;

**Main Component: App.js**

// src/App.js

import React, { useState } from 'react';

import Greeting from './components/Greeting';

import LoginButton from './components/LoginButton';

import LogoutButton from './components/LogoutButton';

function App() {

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

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

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

let button;

if (isLoggedIn) {

button = <LogoutButton onClick={handleLogout} />;

} else {

button = <LoginButton onClick={handleLogin} />;

}

return (

<div style={{ padding: "20px", fontFamily: "Arial" }}>

<h1> Ticket Booking App</h1>

{button}

<hr />

<Greeting isLoggedIn={isLoggedIn} />

</div>

);

}

export default App;