**12. ReactJS-HOL**

The objective of this HandsOn is to create a React application named ‘ticketbookingapp’ that demonstrates login-based conditional rendering. The application shows different content based on whether the user is logged in or not.

**Steps followed :**

1. Created the React App –

I created a new React app ‘ticketbookingapp’ using command :

A screenshot of a computer program

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1. Opened the Project in VS Code –

Using command in command prompt :

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1. Components used –

Inside the src folder, we created 5 .js files :

1. Created LoginButton.js :

import React from 'react';

function LoginButton({ onClick }) {

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

}

export default LoginButton;

1. Created LogoutButton.js –

import React from 'react';

function LogoutButton({ onClick }) {

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

}

export default LogoutButton;

1. Created Greeting.js –

import React from 'react';

import UserGreeting from './UserGreeting';

import GuestGreeting from './GuestGreeting';

function Greeting({ isLoggedIn }) {

return isLoggedIn ? <UserGreeting /> : <GuestGreeting />;

}

export default Greeting;

1. Created UserGreeting.js –

import React from 'react';

function UserGreeting() {

return <h1>Welcome back</h1>;

}

export default UserGreeting;

1. Created GuestGreeting.js –

import React from 'react';

function GuestGreeting() {

return <h1>Please sign up.</h1>;

}

export default GuestGreeting;

1. Updated App.js –

import React, { useState } from 'react';

import LoginButton from './LoginButton';

import LogoutButton from './LogoutButton';

import Greeting from './Greeting';

function App() {

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

const handleLoginClick = () => {

setIsLoggedIn(true);

};

const handleLogoutClick = () => {

setIsLoggedIn(false);

};

return (

<div style={{ textAlign: 'center', marginTop: '50px' }}>

<Greeting isLoggedIn={isLoggedIn} />

{isLoggedIn ? (

<LogoutButton onClick={handleLogoutClick} />

) : (

<LoginButton onClick={handleLoginClick} />

)}

</div>

);

}

export default App;

1. Ran the App –

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1. Output –

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A screenshot of a computer

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