**12. ReactJS-HOL – Documentation**

**Objective :**

* Explain about conditional rendering in React
* Define element variables
* Explain how to prevent components from rendering

**Prerequisties :**

The following is required to complete this hands-on lab:

* Node.js
* NPM
* Visual Studio Code

**Project Folder Name :**

ticketbookingapp

**Application Components:**

1. Greeting.js

Displays a welcome message depending on login status.

const GuestGreeting = () =>

Please Sign up

; const UserGreeting = () =>

Welcome back

; const Greeting = ({ isLoggedIn }) => { return isLoggedIn ? : ; };

2. LoginControl.js

Renders either a Login or Logout button using an element variable.

const LoginButton = ({ onClick }) => Login;

const LogoutButton = ({ onClick }) => Logout;

const LoginControl = ({ isLoggedIn, onLogin, onLogout }) => { let button = isLoggedIn ? : ; return

{button}

; };

3. App.js

Main component that controls application state and conditional rendering.

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

It uses:

* Greeting to display login-specific message
* LoginControl to toggle login state
* Element variables to render flight options for Guests or Booking options for Logged-in users

**Procedure :**

(Follow up the steps given in hands on)

**Output Snapshot :**



