

## **Assignment.**

### **Objective:**

The goal of this assignment is to implement conditional rendering in a React.js application to create distinct layouts for two types of users: Admin and Guest. Depending on the user type, the options available in a table should vary. Admin users should be able to edit data, while Guest users should only have the option to view the data.

### **Requirements:**

#### **1. React.js Application Setup:**

- Set up a new React.js project using Create React App or any other preferred method.

#### **2. User Authentication:**

- Implement a basic user authentication system with at least two user roles: Admin Guest.
- Hardcode the users in an array Admin and Guest. Use the hook useState to set the user
- Manage the conditional rendering using the keyword true false in the hook useState

#### **3. Table Component:**

- Create a table component that displays data.
- The table should have different options based on the user type.

#### **4. Conditional Rendering:**

- Implement conditional rendering in the table component to display different layouts for Admin and Guest users.
- When a user logs in as an Admin, provide button to edit the data in the table.
- When a user logs in as a Guest, limit the options to view the data only.

## 5. User Interface (UI):

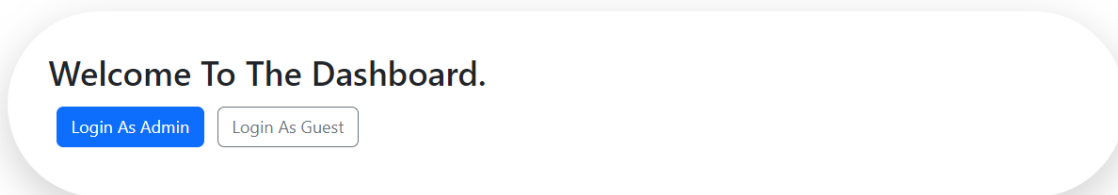
- Design and style the UI for both layouts to make them visually distinct.
- Ensure that the user type (Admin/Guest) is clearly indicated on the interface.

## 6. Testing:

- Test the application thoroughly to ensure that the conditional rendering works correctly for both user types.
- Verify that Admin users can edit data, and Guest users can only view data.

### Demo Example -1:

Make the dashboard mentioned in the below example.



### Demo Example -2:

This will be the admin dashboard in which the admin has a button for edit

Welcome, Admin Logout

Id	Name	Value	Edit
1	Item1	100	Edit
2	Item2	200	Edit
3	Item3	300	Edit

### Demo Example -3:

This will be the Guest Dashboard in which the guest has no button for edit.

Welcome, Guest

[Logout](#)

Id	Name	Value
1	Item1	100
2	Item2	200
3	Item3	300