

Task 1

1.Task Description:

Create a component that uses React Context for global state management. This component will manage a user's login status and display their information if they are logged in.

2.Task Output Screenshot

Welcome, Guest

Login

Hover effect on login

Welcome, Guest

Login

Welcome, Yash Mehta

3.Widget/Algorithm Used In Task

- a. React Context API:** Used to provide a centralized state accessible across multiple components in the application, avoiding the need for prop drilling.
- b. useContext Hook:** Used to access the context values in the component that displays the user's information.
- c. State Management:** The context holds the user's login status and details, which can be updated globally through context.