

Emerging Technology Lab

Assignment 8

ReactJS

1. Create a `Person` component that receives `name` and `age` props and renders a message like "John is 25 years old." Style the `Person` component using inline styles. Change the text color to blue and add a border.
2. Create a React component with a button. When the button is clicked, toggle between displaying and hiding a message. Use external CSS module to style the component.
3. Create a component named `UserGreeting` that displays "Welcome back!" if a user is logged in and "Please log in" if not. Include a button to toggle the user's login state.
4. Create a password input field and an option to show or hide the password.

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5. Create a theme switcher application with react. Create a page with some headings, paragraphs and buttons. Create a button to toggle between "light" and "dark" modes. Change the background and text color based on the mode.
6. Create a TODO application with add and delete features with react. For a todo accept task, date and time. Display all the TODOs and perform the delete operation accordingly.
7. Make an API call to "https://dummyjson.com/users" and display the user details like photo, name, address (address, city, state, and postal code), mobile and email in user cards.
8. Create a navbar to connect the apps created above with the help of react router dom. Create a layout to have navbar and footer in all the pages.