

COMP 9783 Front-end Development

Lab-4-2 - React Conditionals Lab. (4% of the course mark)

Name:

Student Number:

In this lab, students will learn how to implement conditional rendering in React to create dynamic user interfaces that respond to changes in state and props. Conditional rendering allows developers to display different content based on certain conditions, enhancing the user experience.

Lab objectives:

1. Use if-else statements to conditionally render components or elements within a React component.
2. Utilize the ternary operator for more concise conditional rendering in JSX.
3. Apply the logical AND (&&) operator to render elements conditionally in a compact form.

Modify a react app:

1. Download this app from the Git repo:
<https://github.com/roderickit-bernardo/Full-Stack-Files/blob/main/Frontend-Development/Zip/react-conditionals-app.zip>
2. Extend the functionality by adding a **new feature** which will only **display menu items based on time**, For instance:
 - a. **Breakfast** can be **displayed** until **11:59 AM**.
 - b. **Brunch** and **Lunch** can be **displayed** until **1:59 PM**.
 - c. **Dinner** can be **displayed** until **7:59 PM**.

Submission:

1. Inside the root folder of the app, **delete the node_modules folder.**
2. Create a **zip file** of the **app**.
3. Submit the **zip file** to **GBC - D2L**.