MODULE-2 TW-03 GROUP VERSION

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Workshop Activities - Tuesday

▶ Teamwork Activities - Friday

    ▶ Questions

    ▶ Interview Questions

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

Ice-breaking   10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Workshop Activities (Tuesday)   90m

- **Our expectation is the completion and understanding of the Hospital Appointment application.**

- Product List *(Optional Project)*

Team Work Activities (Friday)   90m

Ask Questions   20m

1. If you want to import just the Component from the React library, what syntax do you use?

A. `import React.Component from 'react'`
B. `import [ Component ] from 'react'`
C. `import Component from 'react'`
D. `import { Component } from 'react'`

2. Given the following code, what does this React element look like?

```
React.createElement('h1', null, "What's happening?");
```

A. `<h1 props={null}>What's happening?</h1>`
B. `<h1>What's happening?</h1>`
C. `<h1 id="component">What's happening?</h1>`
D. `<h1 id="element">What's happening?</h1>`

3. When do you use `useLayoutEffect`?

A. to optimize for all devices
B. to complete the update
C. to change the layout of the screen
D. when you need the browser to paint before the effect runs

4. How do you destructure the properties that are sent to the Dish component?

```
function Dish(props) {
  return (
    <h1>
      {props.name} {props.cookingTime}
    </h1>
  );
}
```

A. `function Dish([name, cookingTime]) { return <h1>{name} {cookingTime}</h1>; }`
B. `function Dish({name, cookingTime}) { return <h1>{name} {cookingTime}</h1>; }`
C. `function Dish(props) { return <h1>{name} {cookingTime}</h1>; }`
D. `function Dish(...props) { return <h1>{name} {cookingTime}</h1>; }`

5. Why is it important to avoid copying the values of props into a component's state where possible?

A. because you should never mutate state
B. because `getDerivedStateFromProps()` is an unsafe method to use
C. because you want to allow a component to update in response to changes in the props
D. because you want to allow data to flow back up to the parent

6. What is the children prop?

A. a property that adds child components to state
B. a property that lets you set an array as a property
C. a property that lets you pass data to child elements
D. a special property that JSX creates on components that contain both an opening tag and a closing tag, referencing it's contents.

7. Which library does the `fetch()` function come from?

A. FetchJS
B. ReactDOM
C. No library. `fetch()` is supported by most browsers.
D. React

8. What is Axios in the context of React.js?

A. A styling library

B. A state management tool

C. A JavaScript library for making HTTP requests

D. A routing library

9. How do you install Axios in a React project?

A. npm install react-axios

B. npm install axios

C. npm install react-http

D. npm install http-axios-react

10. How do you handle errors in an Axios request?

A. Using the error method

B. Using the fail method

C. Using the handleError method

D. Using the catch method

11. How can you pass parameters in an Axios POST request in React?

A. Using the data property

B. Using the params property

C. Using the body property

D. Using the payload property

12. In React, what is a common approach to managing Axios requests in functional components?

A. Utilizing the useEffect hook

B. Using the componentDidMount lifecycle method

C. Embedding Axios calls directly in the component body

D. Creating a separate class for Axios requests

13. What is the primary advantage of using Axios over the traditional fetch API in React?

A. Axios provides a simpler syntax

B. Axios is faster in making HTTP requests

C. Axios has built-in support for interceptors and cancel tokens

D. Axios is the official HTTP library recommended by the React team

Interview Questions   15m

1. What are Custom Hooks?

2. What are the rules that must be followed while using React Hooks?

3. What is Axios, and how does it simplify making HTTP requests in React applications?

4. How do you handle asynchronous operations with fetch in a React component?

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Coffee Break   10m

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Retro Meeting on a personal and team level   5m

Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

Case study/Project   15m

TEAMWORK - Tutorial App - Edit (20.00-21.30)

Closing   5m

- Next week's plan
- QA Session