TW-14 STUDENT VERSION

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Coding Challenge

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

Ice-breaking   10m

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

Ask Questions   15m

1. What is the name of React.js Developer ?

A. Tim Berners-Lee
B. Jordan Walke
C. Brendan Eich
D. Linus Torvalds

2. What is `[e.target.id]` called in the following code snippet?

```
handleChange(e) {
  this.setState({ [e.target.id]: e.target.value })
}
```

A. a computed property name
B. a set value
C. a dynamic key
D. a JSX code string

3. Which is used to update the state?

A. setInitialnumber
B. setNewNumber
C. setNumber
D. setState

4. What is `setCount`?

```
const [count, setCount] = useState(0);
```

A. the initial state value

B. a variable

C. a state object

D. a function to update the state

5. Which of the following is NOT a rule for React Hooks?

A. Hooks cannot be conditional

B. Hooks can only be called at the top level of a component

C. Hooks can only be called in inside React function components

D. Hooks can be called in class or function components

6. What is ReactJS mainly used for building?

A. Database

B. Application

C. User Interface

D. Design Platform

7. Filter Map and Reduce operation is way to:

A. Un-compress and expand data.

B. Create new immutable dataset.

C. Crunch and analyze the data

D. All of them

8. What is the first file loaded by the browser in a basic React project?

A. src/App.js

B. src/index.js

C. public/manifest.json

D. public/index.html

9. Identify the smallest building block of React.JS.

A. Props

B. States

C. Components

D. Elements

10. What is the correct syntax to import a Component from React?

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

11. Which props from the props object is available to the component with the following syntax?

```
<Message {...props} />
```

A. any that have not changed
B. child props
C. any that have changed
D. all of them

12. What is wrong with this code?

```
const MyComponent = ({ names }) => (
  <h1>Hello</h1>
  <p>Hello again</p>
);
```

A. React does not allow components to return more than one element.
B. React components cannot be defined using functions.
C. The component needs to use the return keyword.
D. String literals must be surrounded by quotes.

13. In MVC, what does React.js act as?

A. Model
B. View
C. Controller
D. all of them

Interview Questions   15m

1. How often does the React useState update? Why?

In React, the useState hook updates the state of a component whenever the state is changed by calling the setState function returned by the hook. The update occurs synchronously, meaning that it happens immediately and in order, without waiting for other code to run.

2. What is the difference between the ES6 and ES5 standards for React?

The primary difference between ES6 and ES5 standards for React is the syntax used to define components and the way in which variables are declared.

3. Why is there a need for using keys in Lists?

In React, using keys in lists is necessary to help React keep track of which items in a list have changed, been added, or been removed.

4. What are the components in React?

In React, a component is a modular and reusable building block that represents a part of a user interface. Components can be thought of as custom HTML elements that encapsulate their own functionality, behavior, and presentation.

5. What is an event in React?

In React, an event is a user action that triggers a specific behavior or action within a component or the application as a whole. Examples of events in React include clicking a button, typing in an input field, or scrolling a page.

Coding Challenge   15m

- RC-CC-03 Task Tracker

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Coffee Break   10m

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Video of the Week   10m

- React State Vs Props

Case study/Project   15m

- RP-06 React Sass Project

Retro Meeting on a personal and team level   10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing   5m

-Next week's plan

-QA Session