TW-017 GROUP VERSION

1 / 5

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Coding Challenge

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

Ice-breaking   5m

- 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.

Team work   5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions   15m

1. Why should you use React Router's Link component instead of a basic `<a>` tag in React?

A. The link component allows the user to use the browser's `Back` button.
B. There is no difference--the `Link` component is just another name for the `<a>` tag.
C. The `<a>` tag will cause an error when used in React.
D. The `<a>` tag triggers a full page reload, while the `Link` component does not.

2. Consider the following code from React Router. What do you call :id in the path prop?

```
<Route path="/:id" />
```

A. This is a route modal
B. This is a route parameter
C. This is a route splitter
D. This is a route link

3. What is React Router used for?

A. Managing the state of a React application
B. Building a database for a React application
C. Handling routing in a React application
D. Loading a React Page

4. React Router is a library that provides _____ in a single-page application.

A. Routing
B. State management
C. Component rendering
D. Data fetching

5. React Router uses a _____ component to render a component when its path matches the current URL.

A. Link
B. Route
C. Switch
D. Redirect

6. The component in React Router is used to create _____ between routes.

A. Navigation
B. State management
C. Data sharing
D. Component rendering

7. Which React Router hook provides access to the current location object?

A. useHistory
B. useLocation
C. useRouteMatch
D. useParams

8. How do you handle a 404 error in React Router?

A. By creating a new component for the 404 error page and rendering it in a <Route> component with no path specified
B. By using the <Error404> component provided by React Router
C. By using the <NotFound> component provided by React Router
D. By creating a new route with a path of '*' and rendering a 404 error page component in it

9. What's the purpose of the BrowserRouter component?

A. To create new routes

B. To understand all of its children Route elements, and intelligently choose which ones are the best to render.

C. Allows React Router to pass the app's routing information down to any child component it needs (via context)

D. To make navigating possible in native applications

10. The useParams hook in React Router allows you to access URL parameters within a _____ component.

A. Class

B. Functional

C. Higher-order

D. Stateful

11. React Router allows you to perform client-side routing by manipulating the _____.

A. Server

B. Database

C. Browser history

D. Context API

Interview Questions   15m

1. What is React Router?

2. How does browser history work in React Router?

3. What is nested routing?

4. What do you understand about the 'to' attribute in React Router?

5. Explain the difference between server-side rendering and client-side rendering in React.

Coding Challenge 15m

- JS-08 Random Password Generator

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Coffee Break 10m

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Video of the Week 10m

- Basics of React Router

Case study/Project 15m

- RP-06 Sass Portfolio with React Router
    - The solution will be provided later. Until then, try to solve it on your own.

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