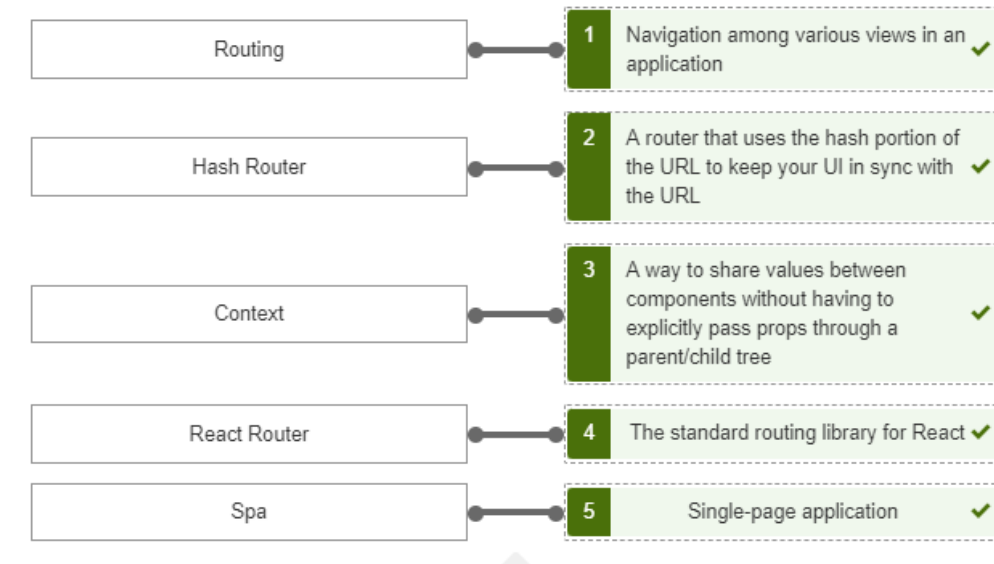


## Knowledge Check 18.2: Single Page Application Architecture



### Single Page Application Architecture

1 of 4



What is context in React?

- ☐ Context is a way to share data quickly between parent and child components.
- ☐ Context is a way to share data from the child to the parent components without needing to rely on callback functions.
- ☐ Context is related to state in React. If you're handling state in a parent component, the state of the child components is affected by the context of the parent.
- ☒ Context is a way to share data that can be considered "global" for a tree of React components, such as the current authenticated user, theme, or preferred language. ✓

Attempt #1: 1/1 (Score: 1/1)

✓ Correct

### Single Page Application Architecture

2 of 4



When you're creating a form for a user to create a new account, what are the three sections of your code that you'll need to have to create this basic form?

- ✓
- ☒ Fields: Styling of the form fields, what is inside of them as values, and onChange events ✓
  - ☐ Routing: You'll need to have each of the pieces of data route correctly to the server to store the data in the database.
  - ☒ Events: You'll need to have events such as handleCreate (new user), validate, and clearForm. ✓
  - ☒ State: You'll need to manage the state of the user's status, name, email, password, and their overall UserContext. ✓

Attempt #3: 1/1 (Score: 1/1)

✓ Correct

## Knowledge Check 18.2: Single Page Application Architecture

### Single Page Application Architecture

3 of 4



In which file would you put your main single-page application (SPA) parent component when creating a multi component application?

- ☐ routing.js
- ☐ index.html
- ☒ index.js
- ☐ navbar.js



Attempt #1: 1/1 (Score: 1/1)

Correct

### Single Page Application Architecture

4 of 4



What is a Hash Router? Select all that apply.



- ☐ A router used exclusively for React that sends and receives data from a server via encoded hash messages
- ☒ A type of router that uses the hash portion of the URL to keep your UI in sync with the URL
- ☒ A legacy browser router that uses same-page linking via a URL's hash
- ☐ A modern browser router that sends a payload of information to a server in order to receive information back from a database

Attempt #4: 1/1 (Score: 1/1)

Correct