Committees Page Workshop

# Load the Committee List

* Have a look in the CommitteePage::useEffect function
* What is the useEffect hook?
* Use axios to perform a GET request.
* Try outputting the response from the server and see if you can extract the data you need.
* Set the state and see the re-render.

# Display the Committee Dropdown

* Need to render the dropdown with the options filled in.
* Can you loop over the data you retrieved in step 1?
* How to do a loop in JSX and output HTML elements?
* Warning about keys?

# Load the Selected Committee Data

* Once you have the basic data about all of the committees, how can you retrieve detailed information about each when they are selected? Take a look at CommitteeComponent::useEffect
* Can you automatically load the information based on the committee ID when the select is updated?
* React makes this easy with hooks and state changes.

# Display the Selected Committee Name and Description

* Now you have the information, can you display the name and description of the committee?
* Make sure to use the state updating of React so that it automatically handles this!
* If you change the committee that is selected in the dropdown, does it automatically update?

# Display the Selected Committee’s Members

* The main part of each committee is the members.
* Can you display the role and name of each member in the RoleComponent?
* What about roles that are vacant?
* What about roles with multiple people in them?
* What about displaying names correctly?

# \*Display Role Description on Click

* This isn’t included in the *completed* version, but it is on the main website.
* Can you replicate the behaviour? You’ll need to use the onClick handler.
* Relevant source code: <https://github.com/Grey-College-Web-Committee/grey-shop/blob/c3e6fbd1189920768177f5a7ae680100f771a37b/frontend/src/components/jcr/roles/RoleComponent.js#L247>