Jurisdiction Selector Exercise

Objective

Create a React component named JurisdictionSelector that allows users to select jurisdictions and their sub-jurisdictions using checkboxes. The component should interact with the provided fake API to fetch and display the data.

Guidance

1. Create a skeleton React App

2. Add the API code from this gist
   https://gist.github.com/aperezm-vlex/173e75e63d9a5907f745bbd194c8a9fe

Requirements

Basics

1. Ensure the component is visually organized and user-friendly.

2. On component mount, fetch the list of top-level jurisdictions using fetchJurisdictions from the provided API.

3. Display a loading state while the data is being fetched.

Display

4. Display each jurisdiction as a checkbox with its name.

   a. Initially, all checkboxes should be unchecked.

5. When a jurisdiction checkbox is checked, asynchronously fetch its sub-jurisdictions using fetchSubJurisdictions.

   a. Display sub-jurisdictions as nested checkboxes under their parent jurisdiction.

   b. Implement loading states for sub-jurisdiction fetching.

   c. Apply basic styling to distinguish between jurisdictions and sub-jurisdictions.

6. Use React state to track which jurisdictions and sub-jurisdictions are selected.

7. Ensure the state accurately reflects the user's selections.

Errors

1. Display appropriate messages for any errors encountered during API calls.

2. Styling (Optional)