[Frontend] Interview Technical Test

Create a fully featured search dropdown component (also referred to as an `autocomplete` component).

You will be scored on features, ease of use and reusability of the component.

You may find an example here: https://master--splendorous-boba-231122.netlify.app/

Limitations

Frontend Framework: N/A, Vue.js preferred

CSS: N/A, TailwindCSS preferred

Other dependencies allowed:

1. Utility libraries:
    1. Popper.js, for positioning the search results window (Recommended)
    2. Lodash, for accessibility when handling arrays (Bonus points for not using)

Features

1. Debounce asynchronous requests
2. Allow customisations
    1. String only custom search result labels
        1. Using another key's value within the object of the search results
        2. Using custom functions to transform the string
    2. Allow implementation of other components to supplement display of the individual search results
    3. Implement an `isLoading` state for asynchronous searching to handle switching to a loading display when the state is true
    4. Configurable
        1. Input label
        2. Input description
        3. Synchronous / Asynchronous searching
        4. Search on focus
        5. Disabled input
3. Keyboard navigation
    1. `Up Arrow Key` and `Down Arrow Key` to scroll through list of results
    2. `Esc` to close results window
    3. `Enter` to select highlighted result
4. Mouse navigation
    1. Clicking on a search result will toggle it from list of selected options
        1. Able to handle deeply nested JSONs
        2. The entire object will be added/removed from the selected options array when toggling
    2. Click away from the input or list of results will close the results window