Autocomplete Exercise

Please read through all of the exercise before starting.

1. Build a user interface using the design excercise1.png and exercise1-b.png as reference for layout. Pay attention to:

* Styling should be written in CSS
* Responsive layout
* Usability

2. Add the following functionality (see exercise2.png)

* Component active state onfocus
* Form control that clears the user input
* UI transitions for user interaction (not defined)

3. Add autocomplete functionality (see exercise3.png)

Use the dummy api endpoint provided:

Run `npm install` and then `npm start`, data will be available at:

[http://localhost:5000/search?q=](http://localhost:5000/search%5C?q%5C=trui)X (X is the user query)

* Search suggestions are shown onkeyup;
* Data is retrieved from the API when the search query is longer than 2 characters;
* Data is retrieved asynchronously;

4. Implement another, AlternativeAutocomplete component (see exercise-alt.png). The Autocomplete results have an arrow - clicking it fills the input without selecting the value. So clicking the arrow next to Annie, would update the input value to Annie, so only Annie and Annie Louis are displayed. Notice this component does not have the clear button

* Consider modularity / code reuse in your component design

Notice the data end point gives the same data regardless of the user query, but you should still send the user query to the endpoint, and