Case A - Frontend

Technical Test - Case A - Frontend

Welcome to the KOJI recruitment process, the objective of this test is to understand your technical level and your ability to resonate with a minimal level of information.

The estimated time for this test is around 1-2 hours

General information

- This test is to be done independently and should not include copy pasted elements from any source. (aka Github or StackOverflow)
- Using code you don't own apart from an external library will result in direct disqualification.
- You can make assumptions to complete the test. Don't forget to include them in your report.
- Your code must be provided by creating a pull request to this repository.
- Your must create a README.md describing how to run your project. (the project will be run under the latest version of OSX)
- If you have any questions regarding this test, you should email them to the person in charge of your recruitment.
- You can use any external libraries you want.
- The design is up to you, but keep in mind that this app must be easy to use.
- Any feature not described below will be considered as a bonus, you can customize anything if the requested features are present

Statement:

- You must create a React application allowing the user to see the weather in a specified city.
- You can use Create React App to setup your application.
- The user must be able to select a city using a typeahead input, you can use any library/database to achieve this goal. (We will only search for French cities, you can skip other countries cities if needed)
- The weather must be provided by the OpenWeatherMap API, you can create an account if needed.
- You don't have to handle the following edge cases:

- Networking issue
- Missing city

User Stories

- As a user, I want to see a text input so that I can search for a city by its name.
- As a user after performing a city search, I want to select a city, so that I can see its current weather.
- As a user with a selected city, I want to select another city, so that I can change the weather I'm viewing.
- As a user with a selected city, I want the weather to be updated every 10 seconds.
- As a user with a selected city, I want to see the weather of the last selected city if I refresh the page.

Dictionary

- **Weather**: In this test, the weather refers to the meteorological conditions and the temperature.