Jobrapido: Frontend Engineer Test

Goal of the test, is to implement a web page with a search box that will call a public JSON API and display the results.
The API to be used is JSONPlaceholder sample APIs. The page will allow the user to search for comments containing a specific text. You can use the /`comment` resource to fetch and query them. Please note that the API is served using Mockend.

The program must be executed in a Docker container (you have to provide the Dockerfile), exposing a web server listening for incoming requests on port 8080. We expect to be able to test your program by running the following commands:

```
1  docker build -t comment_search:latest Dockerfile
2  docker run -p 8080:8080 comment_search:latest
```

Requirements

- The user should see, as the result of the search performed, a list of no more than 20 results composed by the **name** and **email** fields as returned by the API and a summary of the **body** field with a maximum length of 64 characters.
- The search should be triggered only on a submit event, not while typing.
- To be meaningful, the search should be performed only for search text longer than 3 characters.
- The code must be tested.
- Bonus feature: you can add a typeahead feature, helping the user type his searches.
- Bonus feature: you can add a pagination feature, allowing the user to navigate the results.

Guidelines

- You can use any tool to achieve the result, from vanilla JS to any framework you prefer. Feel free to explain your choices.
- The design is important, but the user experience counts even more. Make sure the user can understand what is happening.
- The code should be efficient, choose wisely how to interact with the APIs.
- Describe your thought process behind your choices and explain the reasoning behind your decisions
- While testing is important, full coverage is not expected. Demonstrate how you would approach testing by prioritizing the most critical aspects and selecting the most appropriate techniques.
- None of the *bonus features* will be taken into account if the mandatory requirements are not met.

- Do not forget the KISS Principle.