

Portrait

Frontend Developer Code Challenge.

GOALS

This code challenge aims to get an overview of your development skills. It's a basic React.Js application. You will have to fetch data from an API and then render a simple result list UI. Finally, upload the code to Github, with clear README.md instructions to deploy the project locally and get it working.

THE PROBLEM

You will have to implement an autocomplete box with a list of results. The search will be using the star wars API (<https://swapi.dev/>). First, we need to search for planets using, i.e., <https://swapi.dev/api/planets?search=Tatooine>.

Render the result of the query as an autocomplete box. When the user hits on one result, this selection should be placed at the bottom as a list. The user has to be able to select as many items as he wants. You can not choose a planet if it was previously selected. Also, the user can delete the selection by clicking on a button on each item of the list.

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REQUIREMENTS

The project must:

- Be coded on React 17.
- Use hooks instead of Classes.
- Use Context API. (Avoid Redux)
- Fully typed using typescript.
- Follow Airbnb code style (<https://github.com/airbnb/javascript>).

Desirable:

- Run eslint on each commit.
- Implement GitHub actions on each PR to test eslint code style and try to build successfully.
- Implement minimal end to end testing using cypress.io