

Github Search Interface

Introduction to React Native - Assignment

The project will be a small Github search interface to look for repositories and users using the free public Github API, and mainly the search endpoint (<https://docs.github.com/en/rest/reference/search>).

Requirements:

Only one platform (either iOS or Android) is required for the assignment.

A search interface is required to allow the user to search for Github Users and Github Repositories. Display a list of results the research. The user must be able to visualize one of the result in a separate view.

In this view:

- **For Github Users:** Display User's informations.

Displayed informations required: Login, avatar and type

Touchable informations required: Repos and followers

- **For Github Repositories:** Display repository's informations.

Displayed informations required: Name, is private, is a fork, description, size and default branch name.

Touchable informations required: Contributors and issues

- **For Github Issues:** Display repository's informations.

Displayed informations required: Title, state, body and user

The user should be able to save as favorite (in the phone's local storage) and they should be accessible from the initial page (where the input is)

The informations should be displayed with a decent design (Workshop 1). Don't use any external libraries. Just displaying the informations won't be enough to get all the points.

Useful links:

Github search API: <https://docs.github.com/en/free-pro-team@latest/rest/reference/search>. (Without any authentication, you're limited to 10 requests per minute, but only for the search requests. The other ones should be ok)

React Native Doc: <https://reactnative.dev/docs/getting-started>

Routers examples:

- React Navigation: <https://reactnavigation.org/>
- React Native Router Flux: <https://github.com/aksonov/react-native-router-flux>

Async Storage: <https://github.com/react-native-async-storage/async-storage>

Flexbox guide: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

Informations:

For any questions, any, really, feel free to email me at guillaume1.munsch@epitech.eu :) I'll be happy to help !