FE Candidate Technical Code Example

In this code example, you choose the tools, techniques, and response formats that you use to complete the phase. Preferably, we want you to use React and TypeScript because this is our preferred technologies.

Allowing your front-end best practice approach to come across is key as we will evaluate not only how complete the code example is but the structure of the code.

About this test

Here's some information about the technical code example:

- **Technical code example duration**
  Return the completed test within two days of receiving this test.
- **Returning your technical code example project**
  Share your completed project with us online in a private repo, for example, GitHub, or return the project in an archive file format (.zip).

  If a private repo please give the Flexera Front-end team access through their git handles:

  BHassan_flexera, PMatchett_flexera, LOosthuizen_flexera

- **What we like**
  Clean code that shows your programming ability, which is well documented, flexible, performant, and matches the technical requirements noted.
- You'll get more credit for your code when you don't use code generators.

Instructions

This code example has been designed to be quite flexible - the tools, techniques, response formats and languages used to solve this problem are up to you, though **we ask that you provide a runbook** and explain your approach in the git README.

In your README would also ask that you take some time at this phase to explain:

- What extras you added and why?
- What would you have done if you had more time?

Requirements

Build a simple application that lists some results provided by the GitHub API:

https://api.github.com/search/repositories?sort=stars&q=javascript&per_page=10&page=1
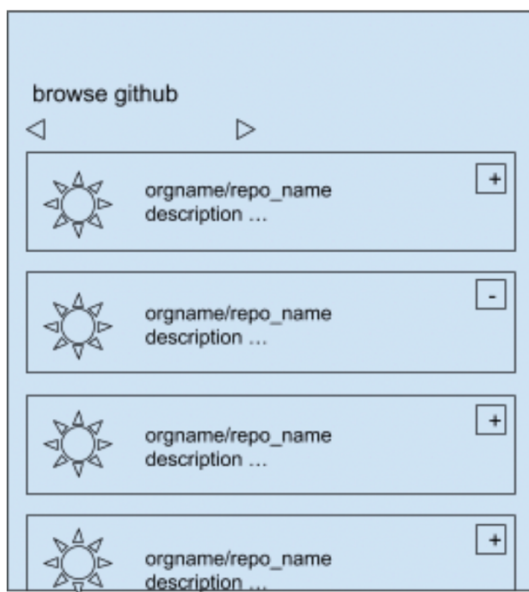
and allows the user to set visible flag beside any of the results (this can be any format you wish - a "tick", a "+", anything really). These flags should be remembered, even if the user refreshes the page.

This application should allow the user to paginate results (10 results per page).

Each result should show an avatar (should be linked to the owner's avatar_url), full_name, description and the user-set flag.

Please note: you may need to include the User-Agent header in your requests for the GitHub API.

An *expertly* drawn wireframe for this challenge is included below. No design assets will be provided for this challenge.

Extra credits for your work

Get extra credits for enhancing the user interface, tests and code structure how you see fit.

If you're applying for a Senior or Staff role, please do provide unit or end to end testing.

Document your extra credit features in your git README.