



# Technical assessment React: GitHub Issues and Pull Requests Application

## Task definition

Implement a SPA using React for exploring open issues and pull requests of a given repository on GitHub. The application should meet the following minimum requirements:

- The user should be able to **enter a username and a repository**, so he can explore the open issues and pull requests from this repository.
- The list of issues and pull requests should give information about each issue, including the **title**, **author username**, **date of creation**, **number of comments**, and a **list of labels**. Also, the user should be able to quickly **identify if an item on the list is an issue or is a pull request**.
- The user should be able to **click on a specific issue or pull request, so he can get more info about the chosen issue**. This info can be provided in a modal or a different view of the application, and should include:
  - **Title** and **description** of the issue or pull request.
  - **Comments list**, with the **comment content**, **author**, and **date**.

**Installation and start instructions for the project should be delivered** (for example, in a README file). Also, it is highly recommended to use **git** for tracking changes.

## API

You can use the API from GitHub to fetch issues and pull requests data. You can find the documentation in the following links:

- <https://docs.github.com/en/rest/reference/repos>
- <https://docs.github.com/en/rest/reference/issues>

**NOTE:** GitHub's REST API v3 considers every pull request an issue, but not every issue is a pull request. For this reason, "Issues" endpoints may return both issues and pull requests in the response.

## User interface

UI does not need to match **github.com** one. You can use any CSS framework or design system of your choice, but we recommend using **TailwindCSS** or **ThemeUI**.

## Bonus points

The following additional features will be taken into consideration:

- Avoid using create-react-app.
- Typescript.
- Pagination.
- Responsive design.