Axion Ray: Full-Stack Developer Test

Outline

This test aims to showcase your ability to build an application from scratch and display the coding standard you expect to work with. We expect you to spend around 3 hours to complete the test. The final application does not need to be fully-fledged and perfect, but we expect the code to be of a high standard.

Once complete, we will conduct a code review and then schedule a 60-minute interview to explore the code and pair program to add some new features.

Application requirements

Summary

Please create a new user interface that consumes the free GitHub API: GitHub REST API docs.

Features

- Contain a form where a user can enter a GitHub username or organisation.
- Allow a user to submit the form, returning a list of repositories.
- Allow pagination, sorting and filtering by all of the options available on the API
- Display the repositories in a tabular format.

Technical requirements

You should create the application such that it:

- Showcases your skill at writing clean and organised code
- Utilises the most modern version of React and Typescript available
- Is verified by automated tests.
- Utilises 3rd party libraries to enhance the application in any aspect
  - We like to see tools that enhance your ability to manage your API requests and the styling of your application

Delivery

The code must be shared via a GitHub repository with a README explaining:

- Your application and technical choices
- Steps to run the application
- Ideas for new features you could implement