Otrium

Otrium iOS Challenge

Introduction

Awesome that you're excited in joining us in the Otrium adventure!

Before we can proceed with the interviews, we would like to ask you to complete this Otrium iOS Challenge.

Challenge

Goal:

Develop a GitHub user profile screen based on the design we provide. The user data should be fetched using the official GitHub GraphQL API.

The screen should display main user information (image, name, login, email, followers, following), 3 first of pinned repositories, 10 first of top and starred repositories.

You can display your own or any other user profile.

Navigation to other screens or any action on clicking by something isn't required.

Implementation of GitHub OAuth flow isn't required.

Time to complete 1 day but we will be glad to consider any results that you manage to provide during this time.

Challenge

Requirements:

- Usage of Swift

- MVP architecture for screen

- Implementation of UI from the code. Avoid interface builders.

- Use imperative programming paradigm. We don't use RxSwift, etc.

- App should run on iOS 13 or higher.

- Cover business logic layer by unit tests.

- Cache data for 1 day and pull to refresh.

Resources:

- Design https://www.figma.com/file/NpzCsVBdUfI2WoNbxXfJ8J/Dev-test

- GitHub GraphQL API documentation https://docs.github.com/en/graphql

Awesome!

After you've finished the challenge, just send us a link to the source code on GitHub.

Thanks for taking the time to finish this challenge. We'll get in contact soon!