

iOS Challenge

In this challenge we are expecting a basic master detail page application contains 3 pages for a simple Github Application

1. Search Repositories.
2. Repository Detail
3. User Detail

Search Repositories Page

- This page should be able to search along public repositories on github.
- Results should be shown in tableView on this page.
- Cells should contain avatar (or gravatar) of owner , and username and repo's name
- When user clicks avatar, application should open User Detail Page.
- When user clicks anywhere except image, Repository Detail page should be shown.
- Page Should have ability to paginate.

Repository Detail

- This page is going to show detail of repository (Repo Name , Owner username, Avatar email, fork count, Language, default branch name etc.
- When user clicks avatar, User Detail should be shown.

User Detail

- This page should show the owner details of clicked repository.
- Page should show some basic user information like email,username,avatar etc.
- Page should show repositories of user.
- Page should have ability to paginate
- This page should contain one tableView which contains 2 types of cell. First is userData, others are repository cells.

Endpoints

Github Api v3 Search API Documentation : <https://developer.github.com/v3/search/>

Example Requests:

Search Repositories

```
curl -X GET 'https://api.github.com/search/repositories?q=retrofit&per_page=100&page=1'
```

User Profile

```
curl -X GET 'https://api.github.com/users/JakeWharton'
```

User Repositories

```
curl -X GET 'https://api.github.com/users/JakeWharton/repos'
```

Note: For the challenge, you should not use any other wrapper SDK's. You need to use just this endpoints.