



Code Task

Goal :

Implement an Android application including search and display users from [GitHub API](#).

Features:

- An EditText for user to input keyword.
- Use RecyclerView to present search results.
- Each result item should include user's avatar and name.
- Pagination (automatically loading next page)

What we need:

- 100% kotlin codebase.
- Clean and friendly user interface.
- Clean, testable code and application of SOLID principles.
- Use of an architectural pattern such as MVVM and other.
- Feel free to use third-party libraries to help with networking layer setup or asynchronous image download tasks for saving initial time, but please make sure you understand the concept.
- Keep your source code clean, organized, and modularized, we will be reviewing them.
- Please make sure you have handled all error states and displayed corresponding messages.
- Use of industry standard libraries such as **Koin**, **Dagger2**, **RxJava**.

Nice to have:

- Use of Architecture Components.

References:

- <https://developer.github.com/v3/guides/traversing-with-pagination/#constructing-pagination-links>
- <https://developer.github.com/v3/search/#search-users>

Submission:

- Submit your code to any Git platform, once you've submitted the code, please don't update it afterwards.
- Once you finish the task, please email our recruitment team with the link.