## ****Coding Challenge****

## This coding challenge is an opportunity for you to demonstrate your experience, skills by building a sample application.

**Requirements:**

Please build an application that lists the most starred repos on GitHub created in the past 30 days using the GitHub API.

Please show the results as a list with these details (repository name, description, number of starts for the repo, username of the owner) per repository per row.

Please implement pagination (as we keep scrolling down, new results should appear).

To get the most starred GitHub repos created in the last 30 days, please use this endpoint. [https://api.github.com/search/repositories?q=created:><yyyy-mm-dd>&sort=stars&order=desc](https://api.github.com/search/repositories?q=created:%3e%3cyyyy-mm-dd%3e&sort=stars&order=desc)

Please replace <yyyy-mm-dd> with the current date.

To retrieve the next page(s), we need to add &page=<pageNumber> at the end of the API request.

**What we are looking for:**

1. Architectural choices – Structure of the app – If any concerns, please mention it and how you would improve it given more time
2. Code quality – Coding practices used, is it easy to follow/understand?
3. Correctness – Does the app meet the functional spec?
4. Defensive code to handle unexpected edge cases
5. Readme file describing steps to build and run

**Bonus:**

1. Unit Tests
2. Any additional functionality

**iOS:**

1. Your app needs to be compatible with iPhone X

**Android:**

1. Please handle any necessary permissions.
2. Please use Java/Kotlin.

**Notes:**

1. Feel free to take advantage of third-party, open source libraries.
2. Don’t spend too much time on the UI.
3. Solution for this challenge might be developed within 4 - 8 hours, but please spend however much time to come up with a good solution.