Interview Challenge

Android

Context

A common pattern for a modern, consumer facing native mobile apps is interacting with a RESTful service.

Your task is to build a GIF browser on Android, using **Giphy's /search** endpoint and presenting the results in a grid layout. The app should present the animated search results and offer a detail view, showing the selected GIF in fullscreen.

Please follow the quick start guide; you'll need the generated key to establish a connection to their API. Don't worry it's free and the rate limit is set to 10k requests per day – enough for testing.

You can check the response format here: giphy.com/explorer (login needed).

Task (Acceptance Criteria)

1. **Build a simple Android app** that provides a *GIF search*, *browse* and *GIF detail view*.
2. Focus on a **good architecture and performance**.
3. You can use **any third-party library** of your choice.
4. An **empty screen** should ask the user to search.
5. Please offer a **search to the user** showing gifs matching that search.
6. Also **infinite scroll** the results: fetching more GIFs if the end is reached.
7. **Share your solution** via github, bitbucket or simply as a zip file with us.
8. Make sure your project **compiles and is setup properly**.

Constraints

- Average time to complete is 8h, feel free to use more or less.