Practical task for applicants to App Developer in DNB

Cats are the foundation of the internet, and I simply cannot get enough of them! We want you to create an app that fetches both pictures and facts about cats, and displays them to the user.

PREREQUISITES

We are looking for developers to work with our Android application. To develop the app, you should use Android Studio and Kotlin.

You will use the following APIs:

- The Cat API (https://developers.thecatapi.com) for fetching images

- Cat Facts API (https://alexwohlbruck.github.io/cat-facts/) to fetch facts

SUCCESS CRITERIA

The application should have a main screen consisting of a cat picture on top, and a cat fact at the bottom. There should also be a button to generate a new fact and picture. A menu in the App Bar/Navigation Bar should provide the user with the ability to share the cat fact using Android's built-in share feature.

Extra bonus points if the user kan use the app to:

- share the picture of the cat along the text-based fact.

- save the cat picture to the device's Image Gallery.

- list random cats pictures based on a user selected category. This feature can be implemented however you like (but based on the provided APIs).

Good luck!

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CHEAT SHEET

- Some of the Cat Fatcs might seems strange or nonsensical. This is because they are user submitted and not filtered. Try fetching several facts, and picking one that has `status.verified = true` :)

- The Cat Facts are not linked to images.

- You do not need to generate a new API key for The Cat API. We've already done that for you. Please see the last page of this document.

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APPENDIX

API key for The Cat API

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The Cat API - API Key

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Thanks for signing up, welcome to the The Cat API!

Here's your API key:

`live_PCuhxlyyWOV62oeF24IPXuCvGg1JXVsMSQbBcsZB5ohVcMcF6vjojsFc9GdFVuF6`

Use it as the `'x-api-key'` header when making any request to the API, or by adding as a query string parameter e.g.
'api_key=live_PCuhxlyyWOV62oeF24IPXuCvGg1JXVsMSQbBcsZB5ohVcMcF6vjojsFc9GdFVuF6'

[More details on authentication →](#)

📙 Useful links

API Documentation // Postman Collection

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