

README

Hello, this is a small walkthrough the task I was assigned.

To run the app simply download the zip folder from my github repository.

Open it with android studio and run it with an emulator of your choice.

I tested it with my own personal smartphone a Samsung A32

Now, I will try and explain with a few words the logic and tools I used to complete the task and the errors I encountered.

Firstly, i used the MVVM architecture.

I categorized the code in data(contains code related to network, cache and communication with the api) and userint(which contains code related to user interface)

Personally , i found the user interface task a little bit more challenging than the data, because I had little experience with jetpack compose(I used to work with layouts and xml)

I can now confidently say that i prefer the jetpack compose approach and will use it for my next projects.

The main error i faced during the task was that the dropdown menu autocomplete was showing a 403 error and the app crashed.

I prevented the crush adding error handling(network related and other) and in the end it was all about the endpoint(it needed a "/" because of the aws rules)

I also set up the get method more than once or twice to match the logic it needed.

TOOLS

Mainly to introduce myself better with jetpack compose I watched trusted youtube videos and forum recommendations.

To solve the crush I used chatgpt which found a compatible solution short enough.

I also have to mention for the cache storage I started with room but I saw that SharedPreferences would be suited better given the simplicity of the task nature.

Feel free to contact me for any more information.