Mobile Developer Test @Brightskies

The goal of this test is to assess your coding skills.

Feel free to add any particular technique or algorithm that you think might enrich the overall quality of the end result. You're allowed to use third party libraries and packages. An effective developer knows what to build and what to reuse, but also how his or her tools work. If you use third party libraries, be prepared to answer some questions about them.

You have 7 days to complete the test.

Note: While we love open source here at Brightskies, please do not create a public repo with your test in! This challenge is only shared with people interviewing, and for obvious reasons we'd like it to remain this way.

Instructions

1. Create a new Repo on Github.
2. Write your code, in various commits so we can see your development timeline. We won't be looking at the time each task took you. We're much more interested in your train of thought!
3. When finished add this user : mo-salah-bs, create a pull request to this account.
4. Let us know when we may start reviewing your code.
5. If you have any questions contact me on:
   mohamed.salah@brightskiesinc.com

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Exercise

You will have to build an app that displays a list of recipes. Each recipe from this list should be clickable. When clicked, the recipe should open a details page with all relevant information.

You are free to add any cool features (other than the ones mentioned below) as long as they are relevant to the content.

First screen: List of recipes

- The list of recipes should be loaded from the [recipes api](#).
- The image of each recipe should also be displayed in the list.

Second screen: Details page of a recipe

- A recipe can be favorited or unfavorited.
- You are recommended to save the favoriting status of each recipe (if a user chooses to favorite or unfavorite) by using an offline database.

Third screen: Log in

- A user should be able to enter a valid email and password to proceed.
- The email and password can be hardcoded in the app as there is no server/API for this test.
- You can either have this screen as the start-up screen in the app, or have an option from the recipes list screen to open it.

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Requirements

- The app should be implemented using one of the most used presentation layer architecture nowadays either (MVVM or MVI) along with clean architecture for other layers
- The app should use the following languages to implement it: Kotlin for Android and Swift for iOS
- The app needs to support API level 21 and onwards for Android, and minimum iOS 13 for iOS
- All labels, variable names, and identifiers of any kind must be in English
- Unit test your code
- Adding a description of your solution (in the PR or in the readme file) would help us to review your code faster
- Don't use app development frameworks (like cordova or others), but feel free to use any third party libs that might save you time

Bonus points

- UI tests

Good luck, and have fun!