



Flutter Assignment

Coding skill assignment

VERSION



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1. Introduction

Your task is to create a simple IMDB-like app . In order to implement the app, please fetch the data from themoviedb API. All the relevant API calls are provided within the Postman collection. If you are unfamiliar with Postman, please google how to import the provided collection and then test the API calls. If you are unfamiliar with Figma files, google how to inspect the UI elements and export the needed icons and assets. There is no need for you to create your own apiKey, feel free to use the one provided in the postman collection.

2. Assignment

Simple version

- Fetch the genres from the API to be able to associate the genre ids with the genre names
- Fetch popular movies from the API
- Cache the movies into a database of your choice (Hive, sqflite,...)
- Implement pagination when fetching movies
- Use the api_key as the query parameter in each request in order to successfully authorise the API requests
- When the user selects a movie, open the details page
- Try to make the UI look as close as possible to the provided Simple version section of the Figma file



Advanced version

- Implement the navigation bar
- Add the favourite movies feature - NOTE: the user can toggle the movie as a favourite in the Movie list, Favourites list and in the Movie details page
- Cache the favourite movies into a database of your choice (Hive, sqflite,...)
- Bearer token header authorization (see example in postman) - bonus points for creating a custom auth interceptor in using the dio package
- Show notification when user is offline - NOTE: show cached movies but let the user know he is offline
- Add some animation transition between overview and details page

Please upload your solution to a public GitHub/GitLab repository.

Please specify the tasks you have solved when sending over the solution.

For example:

Simple version: ALL

Advanced version: 1, 2, 3

Postman collection:

<https://drive.google.com/file/d/13DAnn3hnNMqutwPP7SiYTzI6W9XcTKIH/view?usp=sharing>

Figma file:

<https://www.figma.com/file/sa5h842w6cR6ZP2XBDWxS1/Flutter-test-app?node-id=0%3A1>



3. Have questions?

Feel free to contact us at talent@q.agency, preferably the Recruiter you've been in contact with.