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tusharghate Update Readme... ···   Latest commit e519949 on 15 Dec 2020   � History

👥 **2 contributors**

47 lines (29 sloc) | 1.8 KB   <> 📄   Raw   Blame   🖥 ✏ 🗑

The challenge

Fork this repo and keep your fork public until we have been able to review it. This challenge is meant to take 2-4 hours to complete.

Implement a simple browser of a movie library. The list of movies is available in JSON format and has examples below in the API section. On tap on a cell open a details page and present details from response of `details/{id}` and `details/recommended/{id}`. Examples of the URLs are in API section below. Use Swift 5.0 for the solution.

There's absolutely no expectation of pixel perfection, so feel free to use the mocks below as a guidance rather than a final design.

Feel free to use any 3rd-party libraries of your choice, but don't overuse and be ready to justify the reason you picked them.

🔗 Mocks

List example

🎬	Avangers: Endgame	**2019**
🎬	Home alone	**1990**

Details example

Avangers: Endgame

Release Date: 26 of April 2019

Description:

After the devastating events of Avengers: Infinity War (2018), the universe is in ruins. With the help of remaining allies, the Avengers assemble once more in order to reverse Thanos' actions and restore balance to the universe.

Plot:

After the devastating events of Avengers: Infinity War (2018), the universe is in ruins due to the efforts of the Mad Titan, Thanos. With the help of remaining allies, the Avengers must assemble once more in order to undo Thanos's actions and undo the chaos to the universe, no matter what consequences may be in store, and no matter who they face...

Recommended:

API

List

`https://raw.githubusercontent.com/TradeRev/tr-ios-challenge/master/list.json` to get the list

Details

Construct the URL using the template
`https://raw.githubusercontent.com/TradeRev/tr-ios-challenge/master/details/{id}.json`,

i.e. https://raw.githubusercontent.com/TradeRev/tr-ios-challenge/master/details/1.json

Recommended

Construct the URL using the template `https://raw.githubusercontent.com/TradeRev/tr-ios-challenge/master/details/recommended/{id}.json`,

i.e. https://raw.githubusercontent.com/TradeRev/tr-ios-challenge/master/details/recommended/1.json

Evaluation

Required:

- Solution compiles. If there are necessary steps required to get it to compile, those should be covered in README.md.
- No crashes, bugs, compiler warnings
- Conforms to SOLID principles
- Code is easily understood and communicative
- Commit history is consistent, easy to follow and understand

Nice to have (not required):

- Unit Tests
- Caching