

“Movie Browser Application”

Create a simple application that allows users to discover the most popular movies. You will be using the MovieDB API to perform this task.

Task:

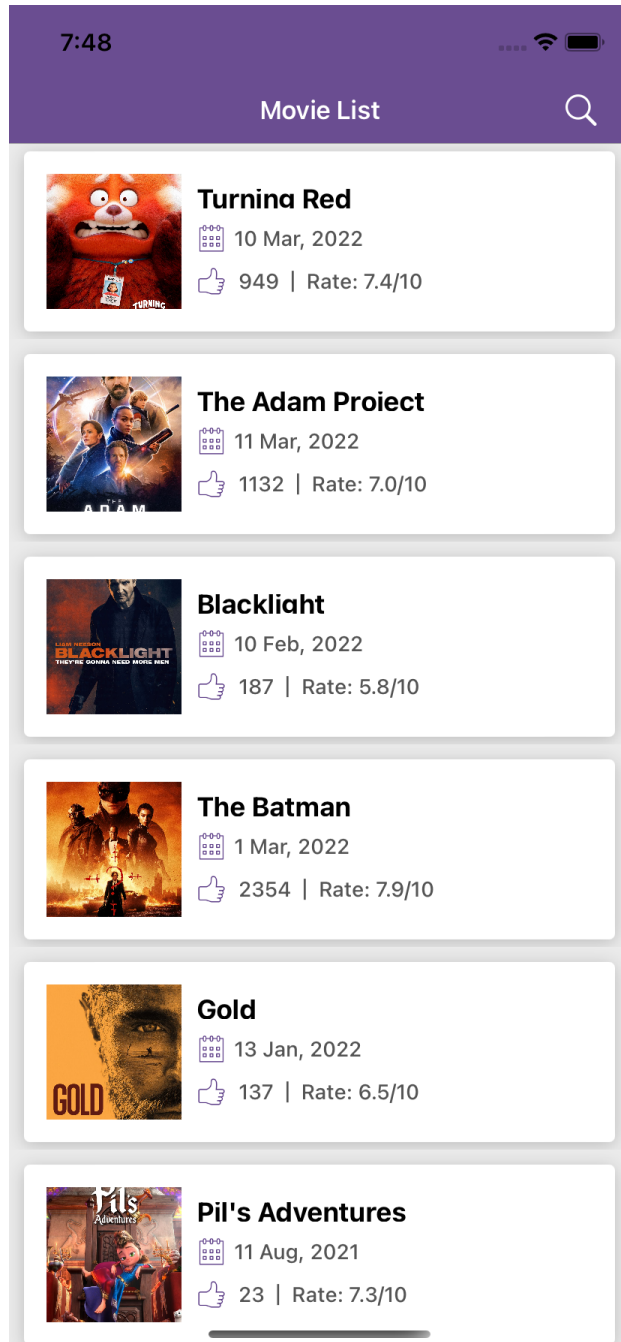
1) Movie List Page :

Listing page will display the list of movies. You need to get all the movies from api. List contains the name of the movie, release date, poster image, movie likes and rating. List should be sorted based on highest rating. You have to implement pagination as well on the movie list page. On clicking the item it will redirect the movie detail page. On click of search it will redirect to the search page.

API:

https://api.themoviedb.org/3/movie/now_playing?api_key=a5ae83891eb2ec3c23227a9cf54943a9

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2) Movie Detail :

Show detailed movie information. Page contains movie name, rating , poster image , genre types , release date, and movie total timing. The details screen has additional information such as :

- Cast and Crew
- Movie Reviews
- Similar Movies

On click of view all reviews are redirected to the review listing page with the same User interface. On click of a similar movie item displays movie details.

API

Movie Details:

https://api.themoviedb.org/3/movie/{movie_id}?api_key=a5ae83891eb2ec3c23227a9cf54943a9

Movie Reviews:

https://api.themoviedb.org/3/movie/{movie_id}/reviews?api_key=a5ae83891eb2ec3c23227a9cf54943a9

Similar Movies:


https://api.themoviedb.org/3/movie/{movie_id}/similar?api_key=a5ae83891eb2ec3c23227a9cf54943a9

Cast and Crew:

https://api.themoviedb.org/3/movie/{movie_id}/credits?api_key=a5ae83891eb2ec3c23227a9cf54943

6:42

Movie Detail




Wonder Woman 1984 7.0/10

16 Dec, 2020 · 2h 31m
Fantasy, Action, Adventure,


Wonder Woman comes into conflict with the Soviet Union during the Cold War in the 1980s and finds a formidable foe by the name of the Cheetah.

Cast



Gal Gadot Chris Pine Kristen Wiig Pedro F

Crew

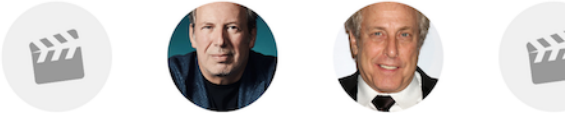


Lucinda Syson Hans Zimmer Charles Roven Steve F

6:43

Movie Detail

Crew



Lucinda Syson Hans Zimmer Charles Roven Steve F

Reviews

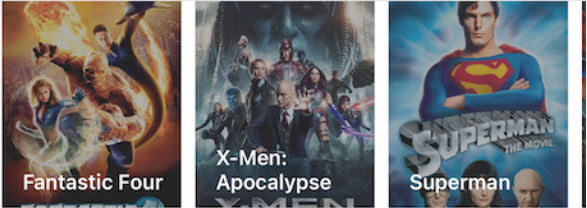
SWITCH.

It isn't as easy as saying 'Wonder Woman 1984' is a good or bad movie. The pieces are there, and there are moments I adore, but it does come across as a bit of a mess, even though the action sequences are breathtaking. If you're a fan of the original film, you'll be more willing to take the ride, but for those more indifferent, it may be a bit of a blander sit. If you can and are planning to watch it, the theatrical experience is the way to go - there is nothing like seeing these stunning sets, fun action scenes and hearing Zimmer's jaw-dropping score like on the big screen.
- Chris dos Santos

Read Chris' full article...
<https://www.maketheswitch.com.au/article/review-wonder-woman-1984-a-new-era-of-wonder-occasionally>

[View All Reviews](#)

Similar Results



Fantastic Four X-Men: Apocalypse Superman

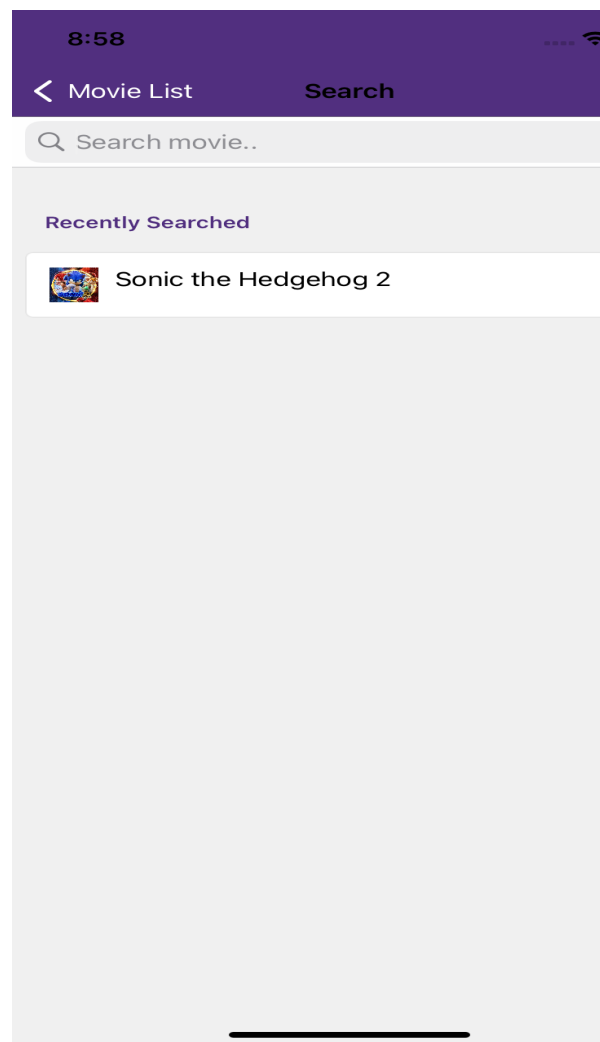
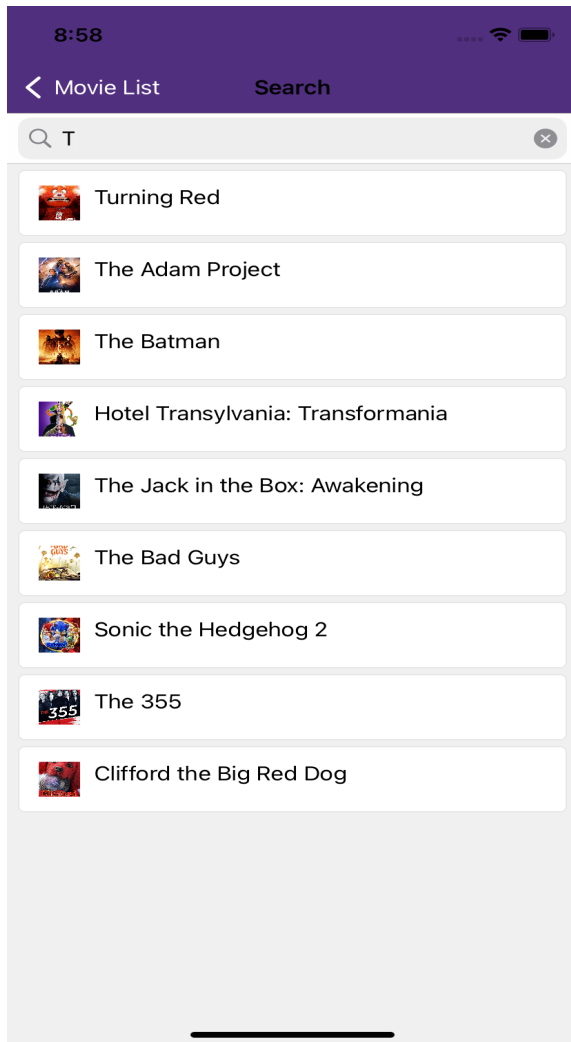
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3) Search Movie:

Allow users to search movies . Stores last 5 recent search results in local database . Search item contains name of movie and poster image On click of search movie will navigate to the movie detail page .

API

https://api.themoviedb.org/3/search/movie?api_key=a5ae83891eb2ec3c23227a9cf54943a9&query={serach String}



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Rules:

1. You can use Swift/Objective C for iOS, Kotlin / Java for Android for Mobile, Dart for flutter and Javascript for React Native
2. You can use any third party library that you know*.
3. You can use any design/architecture pattern that you (MVVM / VIP, VIPER, MVP) with clean architecture
4. Must support respective platform UI and components
5. Develop in small, meaningful steps, with regular commits and clear messages (use git)
6. Provide Readme for documentation

Recommendations For iOS

1. For Dependency management you can use for iOS **Cocoa pod / Carthage / Swift Package manager**
2. **MVVM / VIPER / VIP / MVP** with clean architecture
3. **FMDB** for **Sqlite**(you can use functions from SQLite 3), **Magical Record** for **Core Data**(you can use Core data functions)
4. Git Repository is Must, Develop in small, meaningful steps, with regular commits and clear commit messages. (**Don't upload your submission to a public repository**)
5. Use Latest feature of iOS

Recommendations For Android

1. Kotlin is mandatory.
2. Recommended to use **MVVM or MVP** with clean architecture
3. Git Repository is a Must, Develop in small, meaningful steps, with regular commits and clear commit messages.
4. Recommended 3rd party libraries : Retrofit, RxJava, Koin or Dagger, Android Jetpacks - LiveData, DataBinding, Room etc.
5. Write unit test cases for VM or Presenter.

Recommendations For React Native

1. Recommended to use **MVVM/MVC** with clean architecture
2. Use ES6/typescript
3. Use Latest feature of React Native CLI.
4. Recommended to use the Redux/Context State management api.
5. Proper implementation of dependency injection
6. Recommended 3rd party libraries : Axios, redux-saga, react-redux, Jest.
7. Make use of this . gitignore file.
8. Write unit test cases for VM.

Recommendations For Flutter

1. Recommended to use **MVVM/MVP** with clean architecture
2. Use Latest features of Flutter.
3. Recommended to use the provider/bloc pattern or any 3rd party library.
4. Proper implementation of dependency injection
5. Recommended 3rd party libraries : http, dio, provider, geo_locator, mobx, flutter_mobx, dio_cache etc.
6. Make use of the . gitignore file.
7. Write unit test cases for VM or Presenter.

Good to have

1. You can use dependency Injection
2. Provide Unit Test Cases.
3. Provide readme for documentation if any special setup there

Submission will be rejected if:

1. Common Code Guidelines are not followed properly
2. Regular MVC used
3. Git commit history not provided
4. Readme not provide

Required:

1. Source Code
2. Screenshots

API Links and documentation

<https://developers.themoviedb.org/3/getting-started/introduction>

Please complete this assignment in 3 Days

GOOD LUCK