

Certification Project

TMDB Movie App

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Project

- Create a movie application using TMDB API. The application shows list of top currently running movies on Dashboard screen. When user clicks on any RecyclerView item he will be shown with Movie Details.

Please make a post request to following URL. (Below URL will return currently running movies)

https://api.themoviedb.org/3/movie/now_playing?api_key=55957fcf3ba81b137f8fc01ac5a31fb5&language=en-US&page=undefined

To Get Detailed info on movie use following API:

- https://api.themoviedb.org/3/movie/284052?api_key=55957fcf3ba81b137f8fc01ac5a31fb5
- Here **284052** is Movie Id. (When you received collection of movies from first url , each movie object will have movie id)
- The webservice will return the response in JSON format, which needs to be parsed and construct the application.

To Download Image use following API

- [https://image.tmdb.org/t/p/w780/\[poster_path\]](https://image.tmdb.org/t/p/w780/[poster_path])
- Here pass poster_path at the end of URL (You will receive poster_path in movie detail response)
- So, sample url will become ->
<https://image.tmdb.org/t/p/w780/xfWac8MTYDxujaxgPVcRD9yZaul.jpg>
- Screen in the application will be as follow
- Screen 1 will show all list of Movies: Movie Images in RecyclerView – List / Grid
- When click on any movie image second screen will be displayed with Movie Details.
- Feel free to create the UI as per your choice. Try to see existing applications available in market and create similar kind of simpler version.

Use following components on Technical Front

- UI – Material Design
- Networking – Retrofit ~ OkHttp
- JsonParsing – Google GSON
- Image Loading + Caching – Picasso

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