# Certification Project

## TMDB Movie App

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Version 1.0

# Problem Statement

Create a movie application using TMDB API. The application shows list of top currently running movies on Dashboard screen. It shows the Movie Image in RecyclerView. When user clicks on any Recycler view 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 particular 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]

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 Recycler View

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.
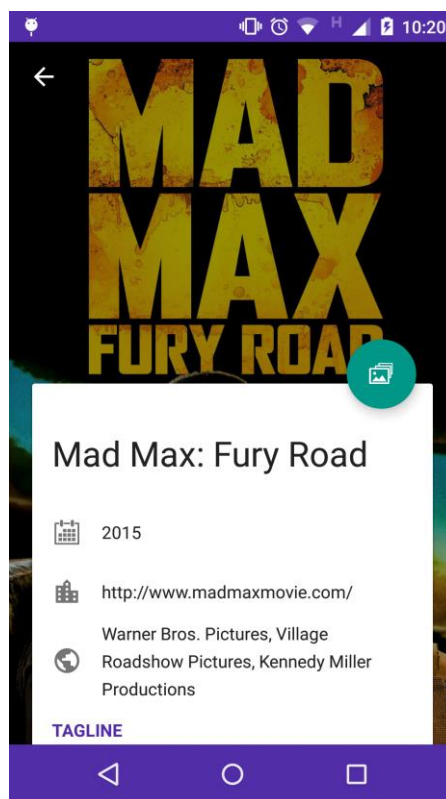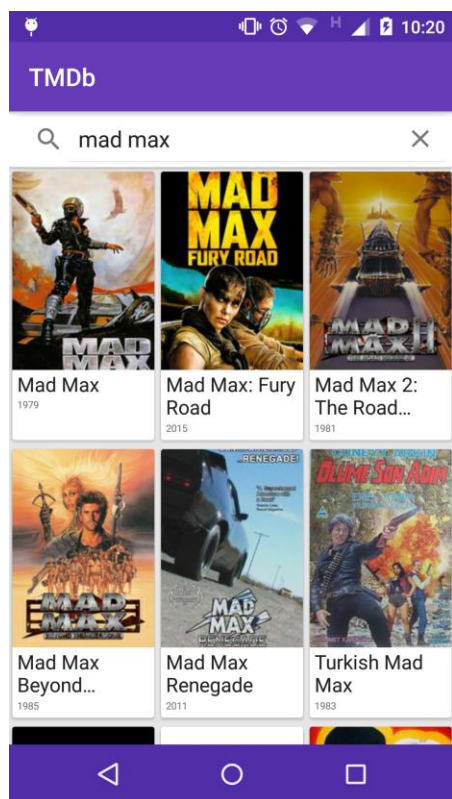
Use following components on technical front.

Networking – Retrofit https://square.github.io/retrofit/

JsonParsing – GSON https://github.com/google/gson

Image Loading + Caching – Picasso http://square.github.io/picasso/

Screenshots to for App idea.