Project Summary

Most of us can relate to kicking back on the couch and enjoying a movie with friends and family. In this project, you'll build an app to allow users to discover the most popular movies playing.
You'll build the complete functionality of this app in **two** stages which you will submit separately.

User Experience

In this stage you'll build the core experience of your movies app.
Your app will:
- Upon launch, present the user with a grid arrangement of movie posters.
- Allow your user to change sort order via a setting:
· The sort order can be by most popular, or by top rated
- Allow the user to tap on a movie poster and transition to a details screen with additional information such as:
· original title
· movie poster image thumbnail
· A plot synopsis (called overview in the api)
· user rating (called vote_average in the api)
· release date
· movie trailers
· movie reviews

Dealing with api:

- most popular : http://api.themoviedb.org/3/movie/popular?api_key=[YOUR_API_KEY]
- top rated: http://api.themoviedb.org/3/movie/top_rated?api_key=[YOUR_API_KEY]
- Movie details: http://api.themoviedb.org/3/movie/{id}?api_key=[YOUR_API_KEY]
- trailers: http://api.themoviedb.org/3/movie/{id}/videos?api_key=[YOUR_API_KEY]
- reviews: http://api.themoviedb.org/3/movie/{id}/reviews?api_key=[YOUR_API_KEY]
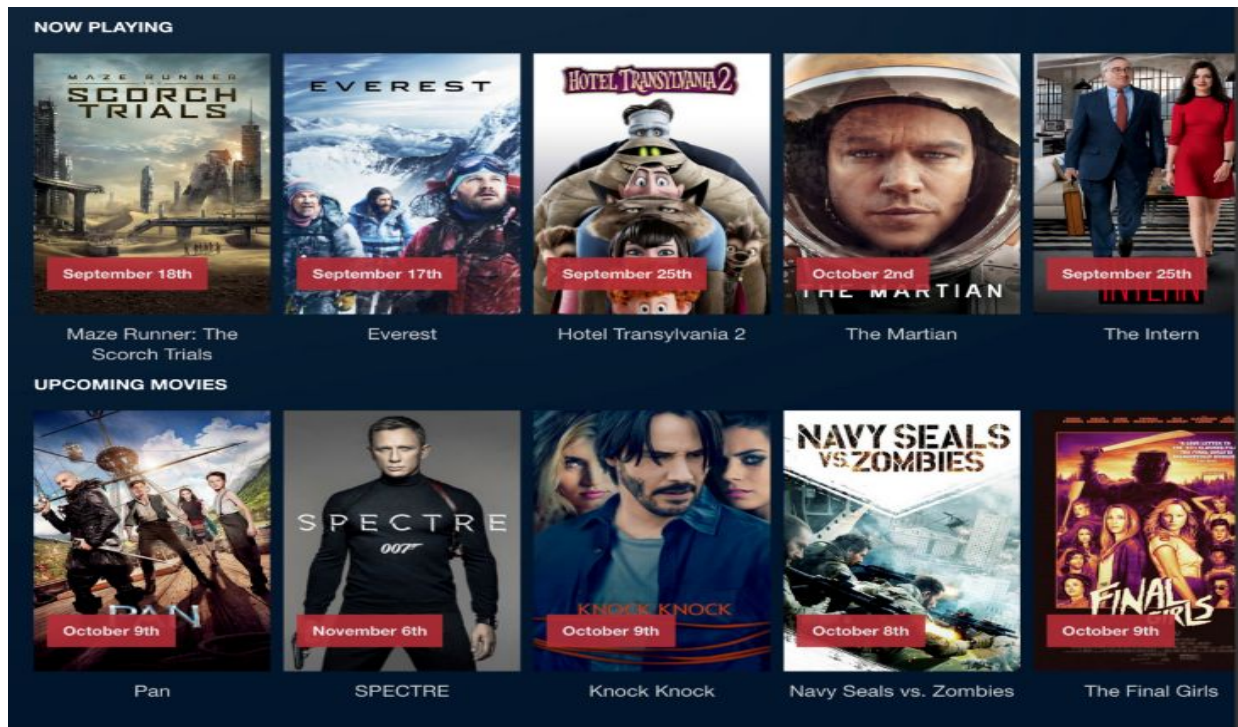- Full path of image: http://image.tmdb.org/t/p/w185/"relative path"

You can set size of images with: "w92", "w154", "w185","w342", "w500", "w780", or "original".
Inside url instead of /w185/
My api key = bab007b9a6288af1455b8cee1f4f9d36

User Interface:

Web:

Mobile:

Judging criteria:

Tasks	Points
Show Grid of movie posters	20
Sort movies by most popular/ top rated	10
Show details of each movie	20
Show trailers	15
Show reviews	15
Redirect to YouTube	10
Code optimization 90/100 on mobile and desktop	10

Bounce	Points
Using Angular	15
Using Ionic frame work	15
Adding other platform than android	10
Awesome Design	10

Helping docs:

- Apache cordova, try to setup it on your machine and run simple example on web and Android platform

https://cordova.apache.org/

https://www.toptal.com/mobile/developing-mobile-applications-with-apache-cordova

https://cordova.apache.org/docs/en/2.5.0/guide/getting-started/android/

Ajax:

Request an API: https://www.w3schools.com/jquery/ajax_ajax.asp

http://stackoverflow.com/questions/14152276/themoviedb-json-api-with-jquery

Advanced topics: "don't get panic, maybe we will not use it"

- Angular:

https://www.w3schools.com/angular/

https://docs.angularjs.org/tutorial

- Ionic Framework: http://ionicframework.com/