

Writeup

Integrated Development Environment (IDE): Android Studio

Programming Language: JAVA

Platform: Android(4.2 and up)

- The project can be imported and run on android studio.
- The apk can be installed directly on an Android Device.

Screens:

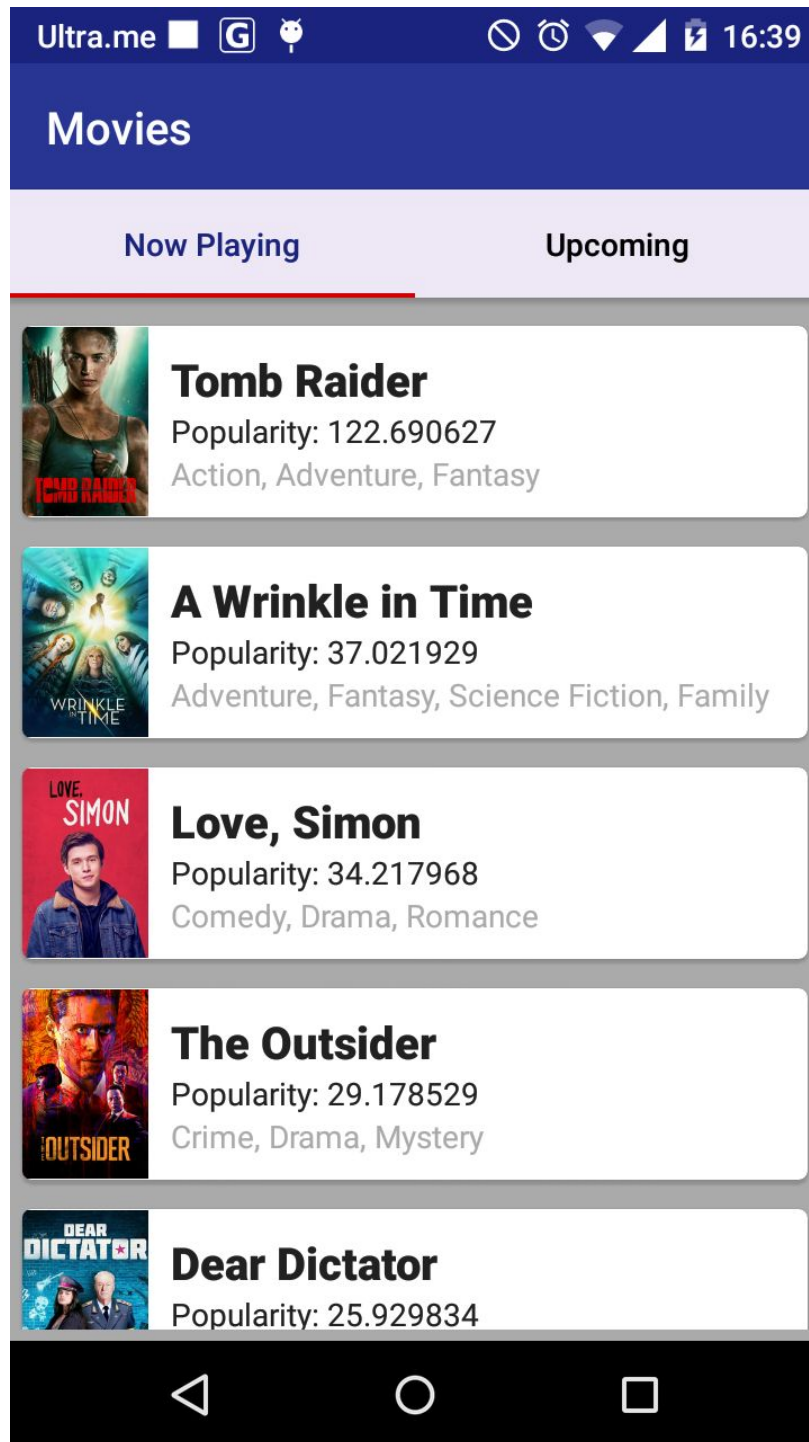
SPLASH SCREEN:

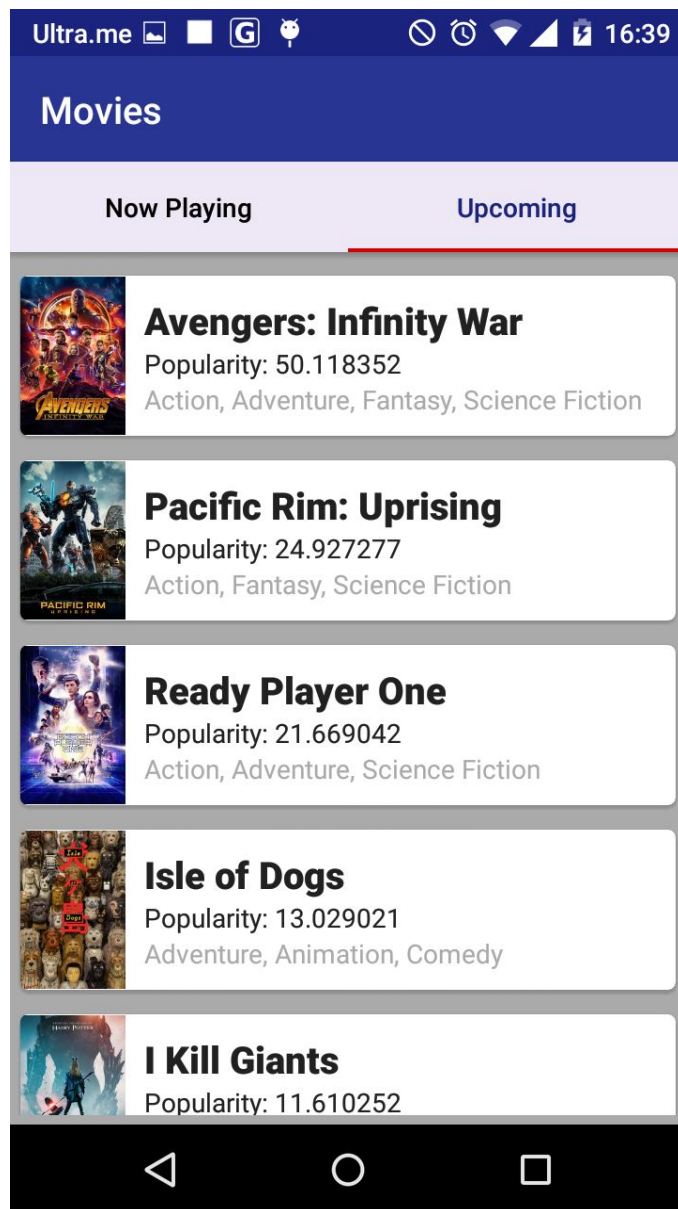
- The Splash screen has the Samsung logo.
- All network API calls are done on this screen
- The data for upcoming movies and now playing movies is retrieved using discover which is added in version 4 of themoviedb.
- Both these data are retrieved using the same API with different date parameters.
- For now playing movies the date range is 15 days prior from the current date.
- For upcoming movies the date range is 45 days ahead of the current date.
- Both these ranges can be changed from AppConstants file.
- Genres are cached in Shared Preferences once when the app is up for the first time.

HOME SCREEN:

- The Home Screen has 2 tabs.
- Both of them are populated from the data sent from the Splash screen.
- The Images are on the left.
- The movie title, popularity and Genre are there in each row item.
- A smooth animation is there when the list is scrolled.

SCREENSHOTS:





Persistence:

1. The genre is cached once and kept in shared preferences.
2. The genre id is used to get names which is done in Adapter of the recyclerview.

NOTE:

- Please Add Authorization Token and API key in AppsConstant file(Inside Utils Package) before running the app.