How to Use this Template
1. Make a copy [File → Make a copy...]
2. Rename this file: "**Capstone_Stage1**"
3. Replace the text in green

Submission Instructions
1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"

GitHub Username: Jai Kumar Kherajani

TheMoviesApp (Not final, may change)

Description

Based on the popular movies project but with a widget and material design features. The App will provide information about movies, tv shows etc using APIs of TMDB.

Intended User

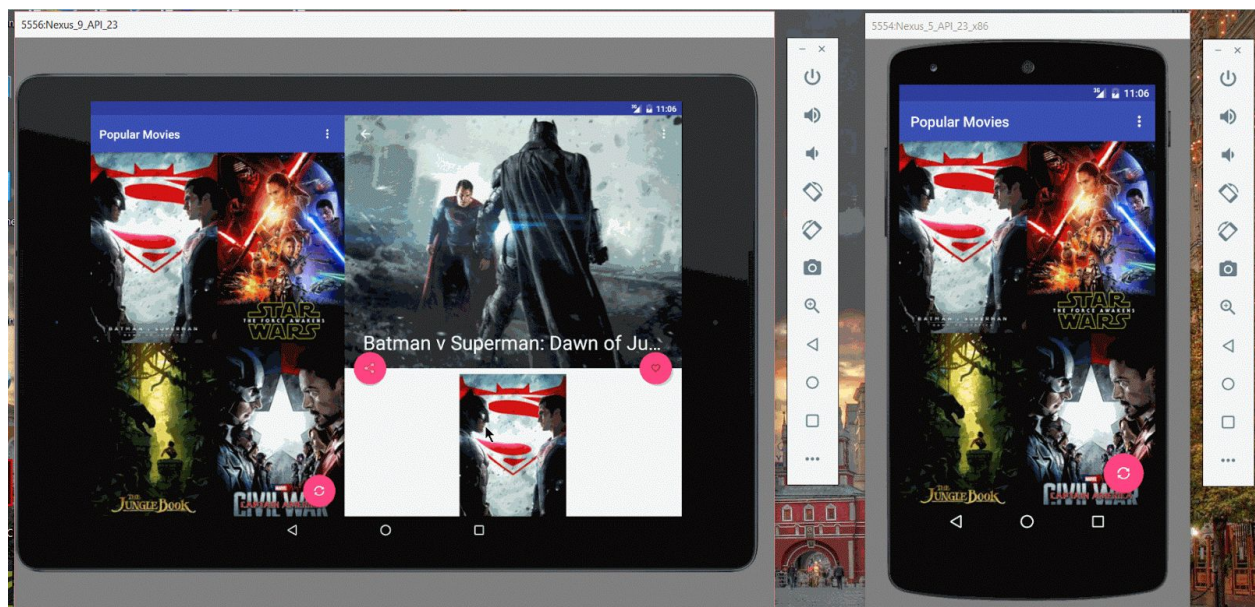Anyone who would like to view about latest movies, tv shows etc can use it.

Features

Some of the main features will be :
- Nice UI implemented according to the material design guidelines
- User can bookmark(save) info about a particular movie/show.
- When offline, the app will show the message and will display items that were marked and saved in the local database.
- Tablet ready

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

View the gif of UI here -
https://github.com/jaikherajani/Capstone-Project/blob/master/popmov.gif

Key Considerations

How will your app handle data persistence?

Will use shared preferences to save some information locally, and SQL Lite for storing details of items offline.

Describe any corner cases in the UX.

I don't know yet about it. I don't get this question.

Describe any libraries you'll be using and share your reasoning for including them.

Picasso or Glide to handle the loading and caching of images.
CircleImageView to display images in circular shape.
TheMovieDB API
Support libraries for material design

Describe how you will implement Google Play Services.

Describe which Google Play Services you will use and how.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Setup all above mentioned libraries

Task 2: Implement UI for Each Activity and Fragment

- Build UI for mainactivity
- Build UI for details activity
- Build UI of details fragment for tablet purpose

Task 3: Connect to TMDB using APIs

Make another class that will fetch data from TMDB using appropriate APIs

Task 4: Save data offline using SQL Lite

Create SQL Lite database and other required classes for that to store data offline and retrieve it when required.

Task 5: Finishing touches

Bug fixes.

Add as many tasks as you need to complete your app.

Submission Instructions
1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"