

The Movies App

Intended User

Screen 1

Screen 2

Key Considerations

How will your app handle data persistence?

Describe any edge or corner cases in the UX.

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

Describe how you will implement Google Play Services or other external services.

Next Steps: Required Tasks

Task 1: Project Setup

Task 2: Implement UI for Each Activity and Fragment

Task 3: Connect to TMDB using APIs

Task 4: save data offline using SQLite

Task 5:create a Widget

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Description

The idea of this app is similar to the popular movies project but it includes a widget,material design features and login user capability with Firebase.The App will provide information about movies, tv shows and etc using APIs of TMDB.

Intended User

Anyone who is interested to learn more about latest movies, tv shows, their rating and etc can use this app.

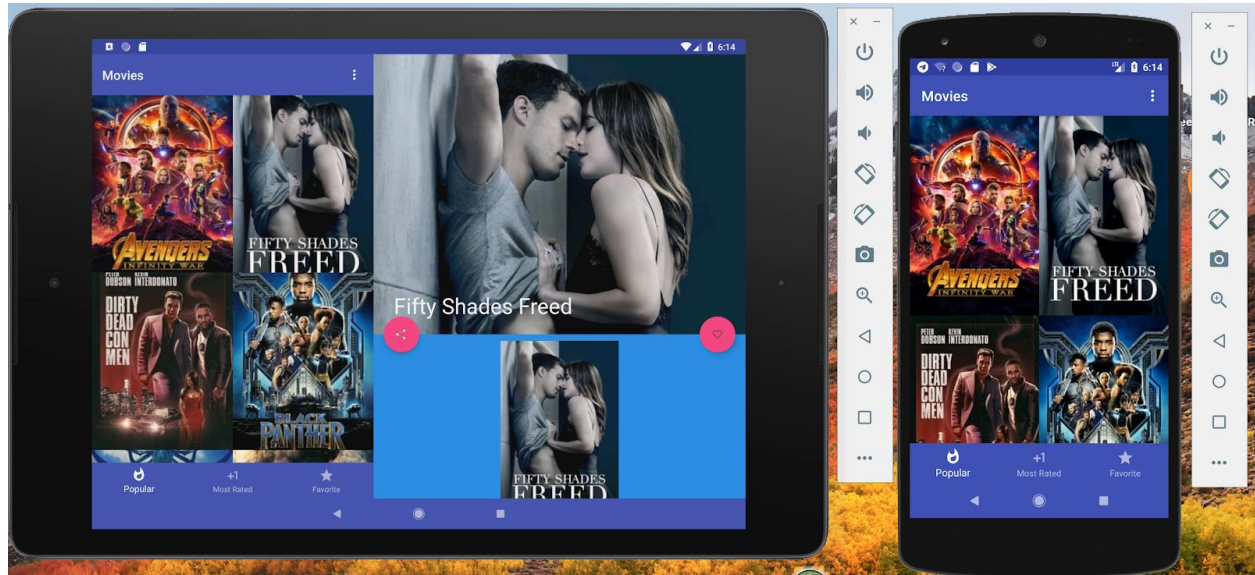
Features

Some of the main features will be:

- Great UI implemented according to the material design guidelines
- User can bookmark(save) info about a particular movie/show

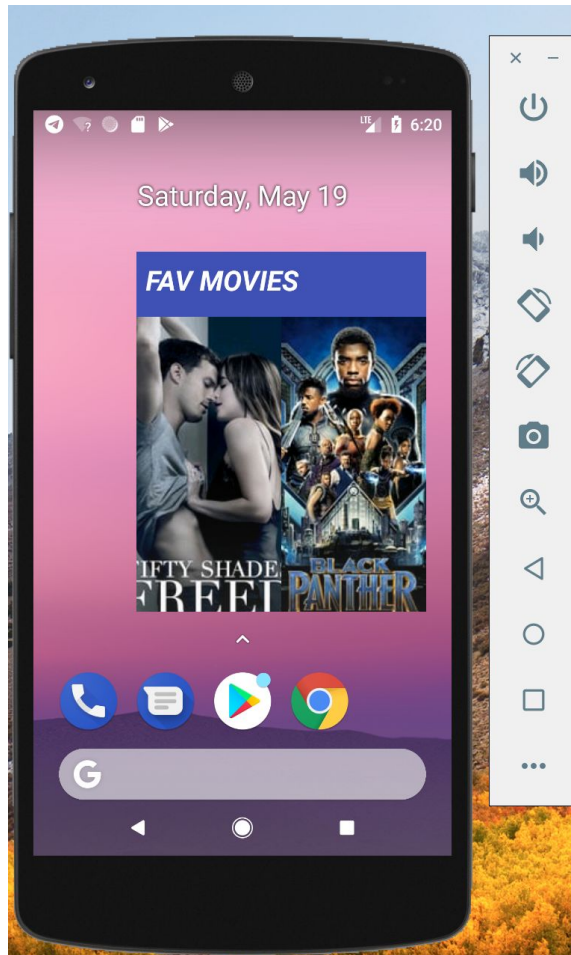
- When offline, the app will show the message and items which were marked and saved in the local database
- Tablet Compatible

Screen 1



TheMoviesApp in Tablet and Mobile mode includes menu and poster of movies and you can click on poster of the movies and go to details activity and see detail of that movie.

Screen 2



Shows the list of favorite movies in the form of GridView.

Key Considerations

How will your app handle data persistence?

It will use shared preferences to save some information locally and SQLite for storing details of items offline.

Describe any edge or corner cases in the UX.

The user after sign in can open directly the MainActivity (Screen1) and after clicked on poster of the movies the user can open the DetailsActivity .

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

Glide to handle the loading and caching of images.

CircleImageView to display images in circular shape.

TheMoviesDB API Support libraries for material design.

Describe how you will implement Google Play Services or other external services.

Firebase to SignUp and SignIn User and Analytics to provide App Analytic

Next Steps: Required Tasks

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

Task 1: Project Setup

- Create a simple project with Empty Activity
- Change Launcher Activity as per App requirements
- Create Fragment for Details Activity
- Create 3 Activities as MainActivity, Details Activity and Favorite Activity

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 SQLite

Describe the next task. List the subtasks. For example:

- Create SQLite database and other required classes to store data offline and retrieve it when required.

Task 5:create a Widget

Create a widget that the user can see favorite movies in the GridView on the Widget(Screen 2)