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MoviePick

Description

App that allow user to choose best ranked movies to watch on weekends. Provide friendly interface to see movie review, watch trailers, mark movies as favourite etc.
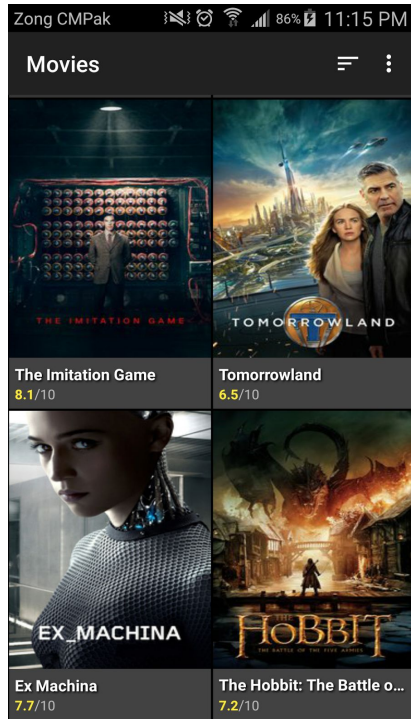
Intended User

Person of every age.

Features
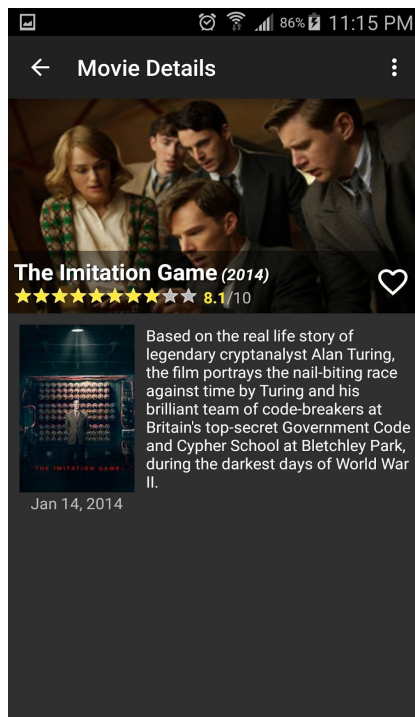
List the main features of your app. For example:
- Saves information so, user can view it offline.
- Store favourites.
- Show Reviews
- Play trailers
- Picture gallery
- Friendly navigation

User Interface Mocks

Screen 1

Screen 2

Key Considerations

How will your app handle data persistence?

1- Content Provider for saving and retrieving data locally.
2- Shared preference to store user choice and settings.

Describe any corner cases in the UX

1- User would allow to mark movie as favourite by shaking the device.
2- Shared transition from movie listing to its detail and vise versa.

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

1- Picasso to handle the loading and caching of images.
2- Retrofit for http calls.
3- butter knife for view dependency injection.
4- leak canary to monitor leaks.
5- RxJava for dependent http calls.
6- Crashlytics for logging and monitoring crashes
7- Google AdMob for ads

Next Steps: Required Tasks

Task 1: Project Setup

List the subtasks.
- Configure libraries (Leak canary, retrofit, crashlytics.. etc)
- Setup Content Providers
- Configure Test Cases (JUnit)

Task 2: Implement UI for Each Activity and Fragment

List the subtasks.
- Build UI for Movie Listing
- Build UI for Detail Screen

Task 3: Data Fetching and Unit Test

Describe the next task.
- Fetch data (reviews, trailers, pictures)
- Write CRUD
- Write DB Test Cases
- Configure Sync Adapter

Task 4: Layout Creation & Data Binding

List the subtasks
- Create layout
- Create splash screen
- Handle tablet layout
- Movie listing screen (Recyclerview, shared transition, layout design)
- Handle Screen rotation
- View pager to show trailers
- Mark favourite on device shake

Task 5: Configure Build Variant & Google Services

List the subtasks
- Create Build variant
- Implement Google Ad Services
- Handle error cases