

How to Use this Template

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NewMovies

Description

This is a app that show recent movie from moma.org

Intended User

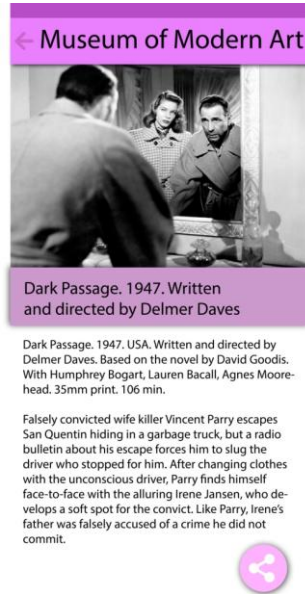
This is intended for showing latest movie for people

Features

- Display articles
- Show details about article

User Interface Mocks

Screen 1



This is the detail on mobile app fab button is for sharing

Screen 2



Fab button save list in database on mobile for offline loading

Screen 3



This is are master detail on tablet

Screen 4



This the widget for main activity

Screen 5



Dark Passage. 1947. Written and directed by Delmer Daves

Dark Passage. 1947. USA. Written and directed by Delmer Daves. Based on the novel by David Goodis. With Humphrey Bogart, Lauren Bacall, Agnes Moorehead. 35mm print. 106 min.

Falsely convicted wife killer Vincent Parry escapes San Quentin hiding in a garbage truck, but a radio bulletin about his escape forces him to slug the driver who stopped for him. After changing clothes with the unconscious driver, Parry finds himself face-to-face with the alluring Irene Jansen, who develops a soft spot for the convict. Like Parry, Irene's father was falsely accused of a crime he did not commit.

This is the widget for detail activity.

Key Considerations

How will your app handle data persistence?

A snapshot of data will be saved in database by using FAB button
The database is SQLite used by Content provider. From database the data will be loaded when the app is offline.Loader will be used for loading the data from web together with AsyncTask.

Describe any edge or corner cases in the UX.

When we have problem with network we will display the toast message „No internet available” and if data are in database we load from there.
In case of offline if were no data in database we display the message „database is empty” else the message will be „data loaded from database”

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

Picasso are used for simplifying loading images from internet

Butterknife is used for avoid using findViewById method and write more closer the binding to natural language

Tinker is used for logging without using a static variable

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

The xml feed is on link https://www.moma.org/feeds/events_films_30_days.rss

Using a XML parser

From google play services I used ads services to add ad in main activity.

The dependency that I will use for this is

```
'com.google.android.gms:play-services-ads:12.0.1'
```

Code for initializing ad is

```
MobileAds.initialize(this, "ca-app-pub-3940256099942544~3347511713");
mAdView = findViewById(R.id.adView);
AdRequest adRequest = new AdRequest.Builder().build();
mAdView.loadAd(adRequest);
```

On layout will be a element called

```
com.google.android.gms.ads.AdView
```

that have the id="adView" for accessing it

Firebase are used for analytics and send possible notification to users.

The dependency that I will use for this is

```
'com.google.firebase:firebase-core:12.0.0'
```

Together with file google-services.json and at the and of app gradle file I will put

```
apply plugin: 'com.google.gms.google-services'
```

Next Steps: Required Tasks

Task 1: Project Setup

The project setup using a thread using async task loader to load data.

You may want to list the subtasks. For example:

- Configure libraries
- Load rss data via web

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for Detail activity

Task 3: FAB button actions

FAB Action on main activity have save button for saving data in database and other for sharing

Task 4: Make widgets

In this app there are 2 widget one for the main activity and another for detail activity

- Make widget for main activity
- Make widget for detail activity

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
 - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"