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How will your app handle data persistence?
Describe any 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.
Next Steps: Required Tasks
Task 1: Project Setup
Task 2: Implement UI for Each Activity and Fragment
Task 3: Test Api
Task 4: Implements Firebase Login
Task 5: Persistence
Task 6: Write App Logic
Task 7: Create a Widget
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Movie Master

Description

Movie Master let you find your next favorite film!
With Movie Master you can ask for a movie like your favorite ones, join the community and help others or ask for help.
You don't need any more to ask your friend what to watch tonight!!

Intended User

Movies addicted or for a person that want to find a movie to watch tonight

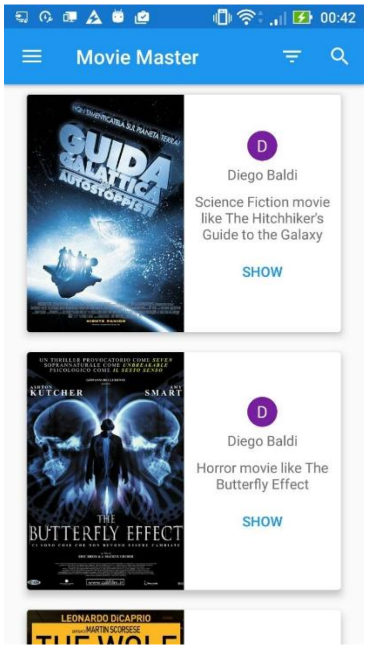
Features

- Find information about films

- Save your favorites films to the cloud and access them with any mobile devices
- Save your watch list locally on the device
- Ask the community to find movies to watch
- Help others to find their next favorite film

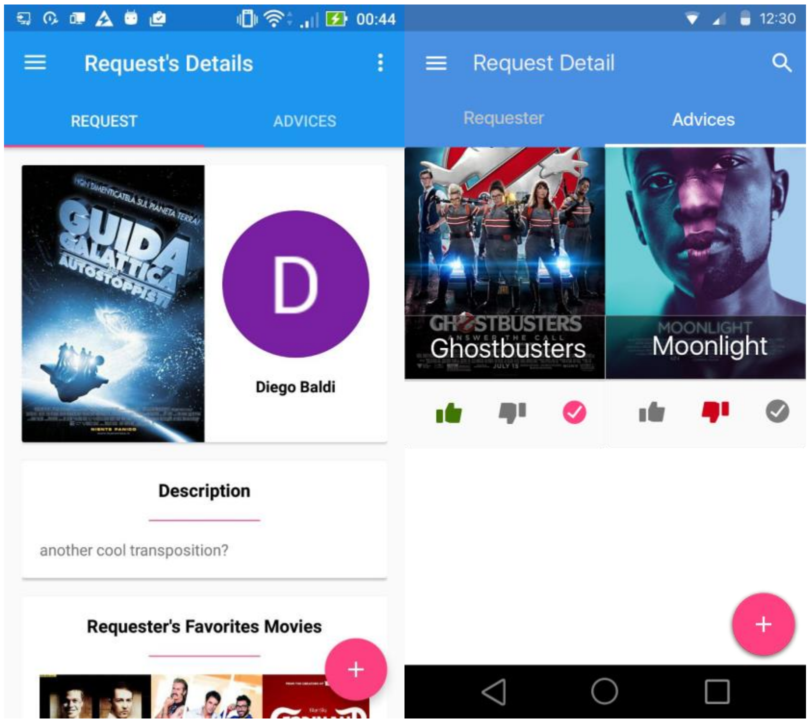
User Interface Mocks

Feed


00:42
Movie Master
D
Diego Baldi
Science Fiction movie like The Hitchhiker's Guide to the Galaxy
SHOW
D
Diego Baldi
Horror movie like The Butterfly Effect
SHOW

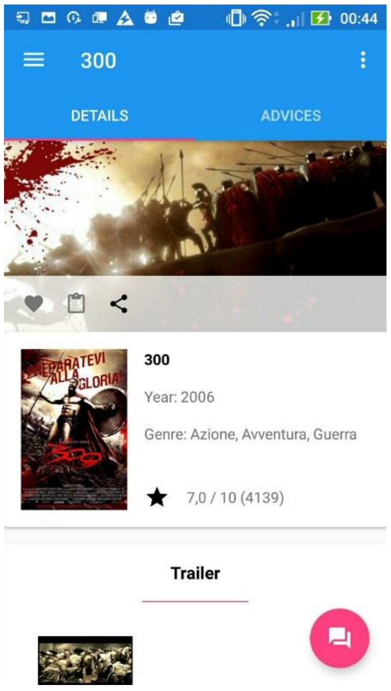
This is the home of the app (after login). The user can filter the feed or search for a film (action bar)

Feed card detail



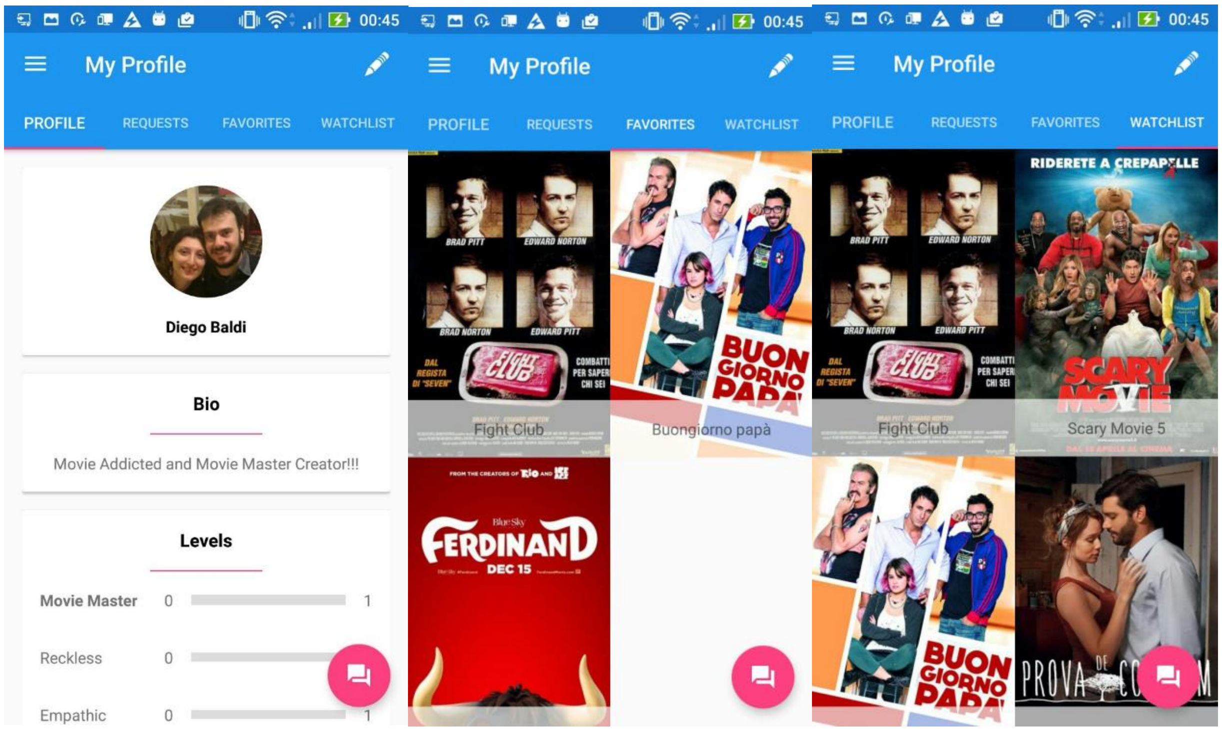
This is the detail of the request. Here the user can see information about the user, like his favorite movies. The advices tabs are the movies suggested by other users, any user can vote the suggestions, only the requester can accept a suggestion. Other users can add advices clicking on the fab.

Movie Detail



This page contains the movie details, the suggestions related to this movie and the reviews, clicking on the fab the user can create a suggestion from this movie

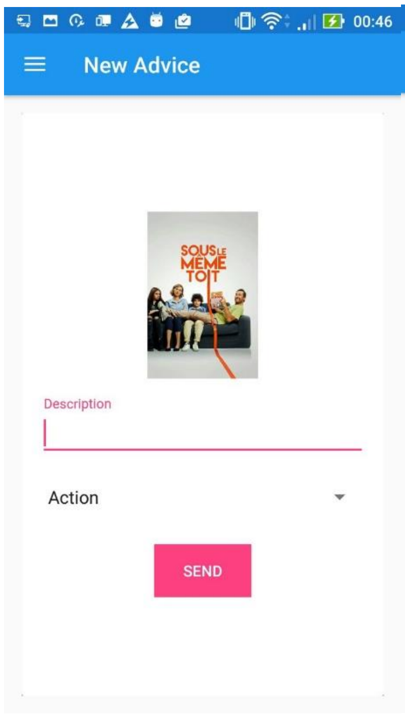
User profile

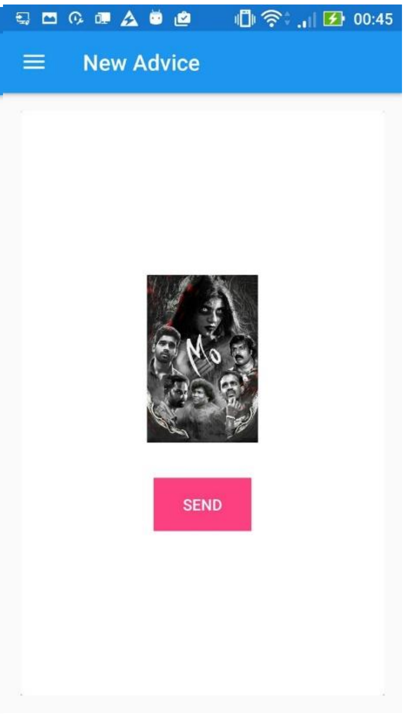


Movie Addicted and Movie Master Creator!!!

This is the profile screens. If a user checks his profile, there is also a “watch list” tab (showing locally saved watch list)

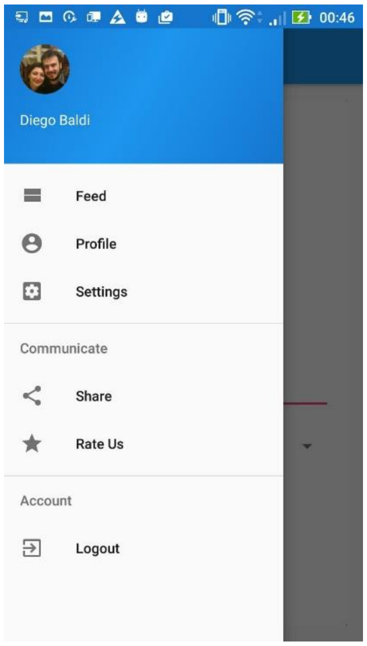
User’s content forms



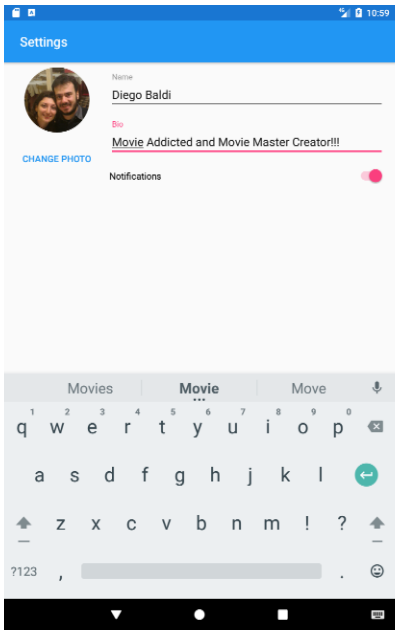


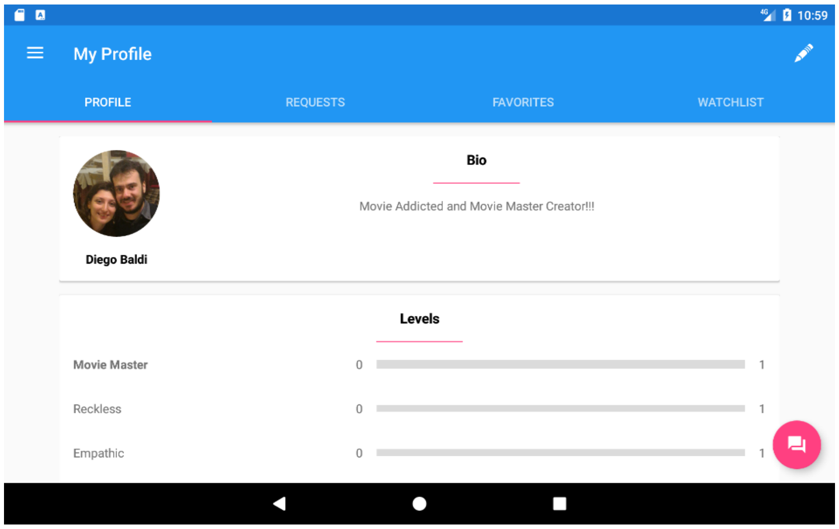
These are the form to create a new request and to create a new advice for a request.

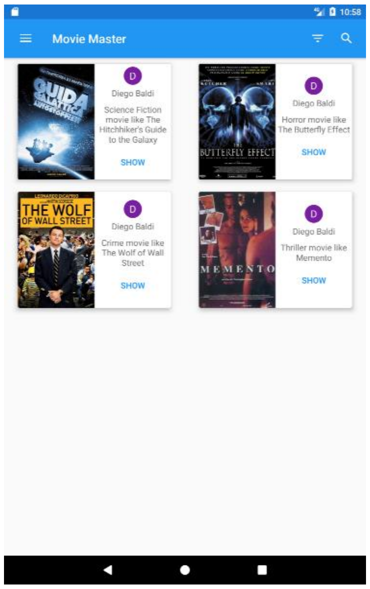
App wide Navigation Drawer



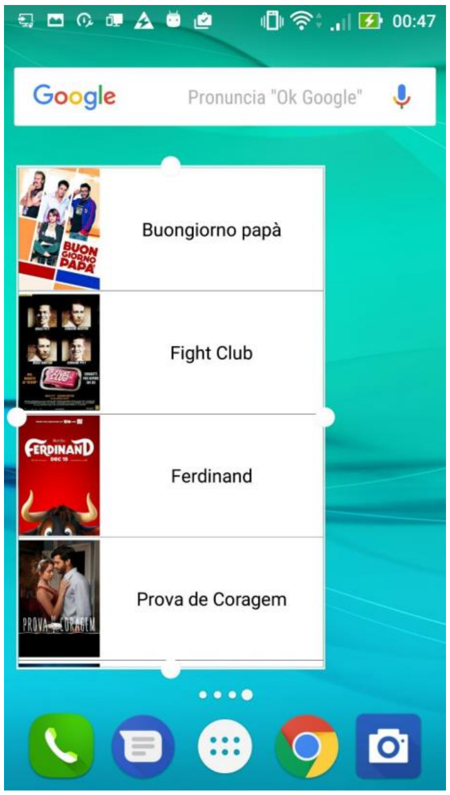
Tablet screens






Movie Master
Diego Baldi
Science Fiction movie like The Hitchhiker's Guide to the Galaxy
SHOW
Diego Baldi
Horror movie like The Butterfly Effect
SHOW
Diego Baldi
Crime movie like The Wolf of Wall Street
SHOW
Diego Baldi
Thriller movie like Memento
SHOW

Widget UI



Key Considerations

How will your app handle data persistence?

There are two types of data persistence. One online, I will use firebase. One offline (user's watch list), and for that I will use a content provider

Describe any corner cases in the UX.

Navigation will be implemented with a navigation drawer

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

I will use fresco for the images, retrofit for the communication with a rest api (movie's database), firebase to communicate with the backend. For the content provider I will use Schematic

Describe how you will implement Google Play Services.

I will use Firebase Services (real time database, messaging, firebaseUi-auth, firebase auth)

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

- Configure Firebase
- Find a good movies api (with reviews)
- Configure libraries

Task 2: Implement UI for Each Activity and Fragment

- Built any UI from the mockups, using fragment (to simplify the tablet implementation)
- Create dimensions variable in dimen.xml
- Test mockups with fake data

Task 3: Test Api

- Test api endpoints;
- Implements calls with retrofit

Task 4: Implements Firebase login

- Write login logic;
- Test login
- Configure Firebase
- Create User’s variables app wide (Application class)

Task 5: Persistence

- Create the content provider to manage user’s watch list

Task 6: Write App Logic

- Create a basic AppCompat activity, it will manage the navigation drawer and all the logic common to all activities;
- Create test data to test the app;
- Create every activity that extends the basic AppCompat activity;
- I will use an IntentService to update User’s points.

Task 7: Create a Widget

- Create a widget with the watch list of the user

Task 8: Last Steps

- Change Firebase security rules;
- Add proguard;
- Publish App to the app store;