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**GitHub Username**: goransipic

# Filoaletheia

## Description

It's all about Books, and people who loves reading them. App will serve as Social App for Books.

# Intended User

Book lovers.

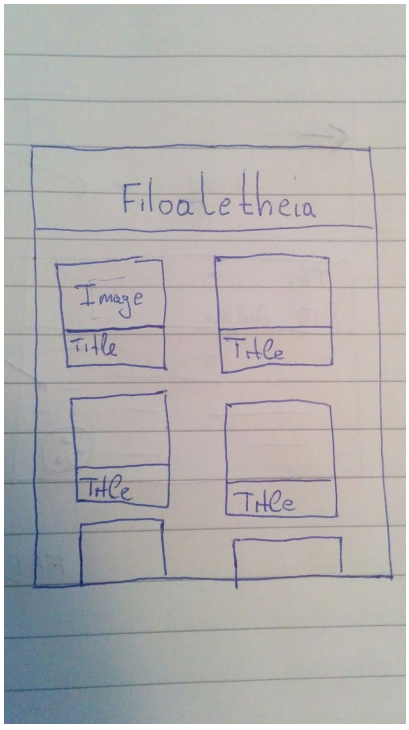
# Features

- Discover
- Share
- Review books

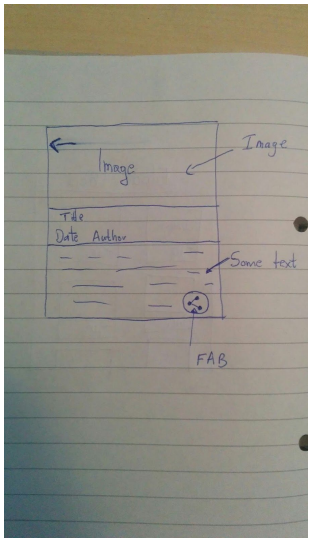
# User Interface Mocks

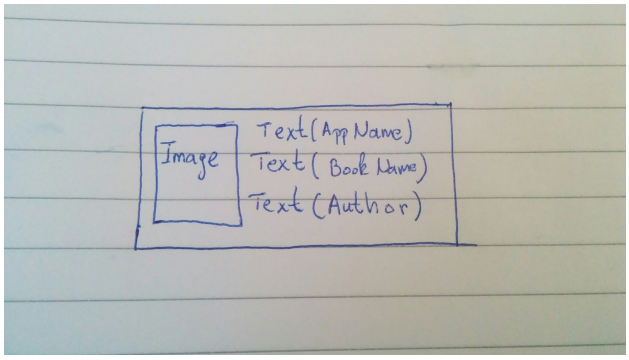
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

### Screen 1



### Screen 2




Add as many screens as you need to portray your app's UI flow.

## Key Considerations

### How will your app handle data persistence?

Firebase RealTime Library

### Describe any corner cases in the UX.

When making pictures using mobile App from OS, make my App handle Intent and open Add new Book Screen.

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

- Android Architecture Components (LiveData,ViewModel, Room) - architecture reasons (testing, easy adding new features, easy refactoring)
- Android DataBinding (writing less code for ui stuff)
- Dagger 2 (better project management)
- FireBase Database (storing offline data)

**Describe how you will implement Google Play Services.**

- Vision Library for detecting Books Text.
- Firebase for saving data Online

# 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.

## Technical Tasks :

- App integrates a third-party library (Glide, Android Data Binding, Timber, Dagger 2, Android Vision).
- App provides a widget to provide relevant information to the user on the home screen.
- App uses Firebase Realtime Database to access locally stored data.
- App uses a Loader to move its data to its views.
- App updates data in its cache at regular intervals using Firebase JobDispatcher.

## Task 1: Project Setup

- Configure libraries
- Setup Architecture (MVVM)
- Create GUI with MOCK
- Use Real DataSource (Firebase)

## 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: Create Build Variant

- Create Mock and prod build Variant

## Task 4: Handle Error Cases

- Handle any error and empty states by Material Design GuideLines

## Task 5: Implement Google Play Services

- Get Keys ID
- Set Dependency in Gradle for Firebase

## Task 6: Mobile Vision

- Integrate Library in Project
- Make adding new Books easy by filling title author and image using vision by improving user experience.

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

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