Technical Documentation

Getting Started

A brief introduction

Epitcure is an android mobile project realisated by two students. The objective was to recreate a simple copy of the imgur website (https://imgur.com/) where you can post pictures, videos and interact with posts of the community.

The functionalities

We can split the application in three parts:

- The login

For the login, the user has to log in to the imgur platform by deep linking. It is detailed in the imgur api *Authorization and Oauth part*. The application gets an access token and an user id to send several requests.

- The home

In the home part of the application, the user can see general posts of the community or search for specific types of posts.
The user can modify filters for the posts he wants to see (trending or time filters).

- The profile

The user can access to some simple data from his profile. He can watch his posts and his favorites posts. He can also post pictures from his phone (from the gallery or the camera) that are private (accessible from the website)

For all posts, the user can like, dislike or favorite the post and see general data about the post.

The technologies used

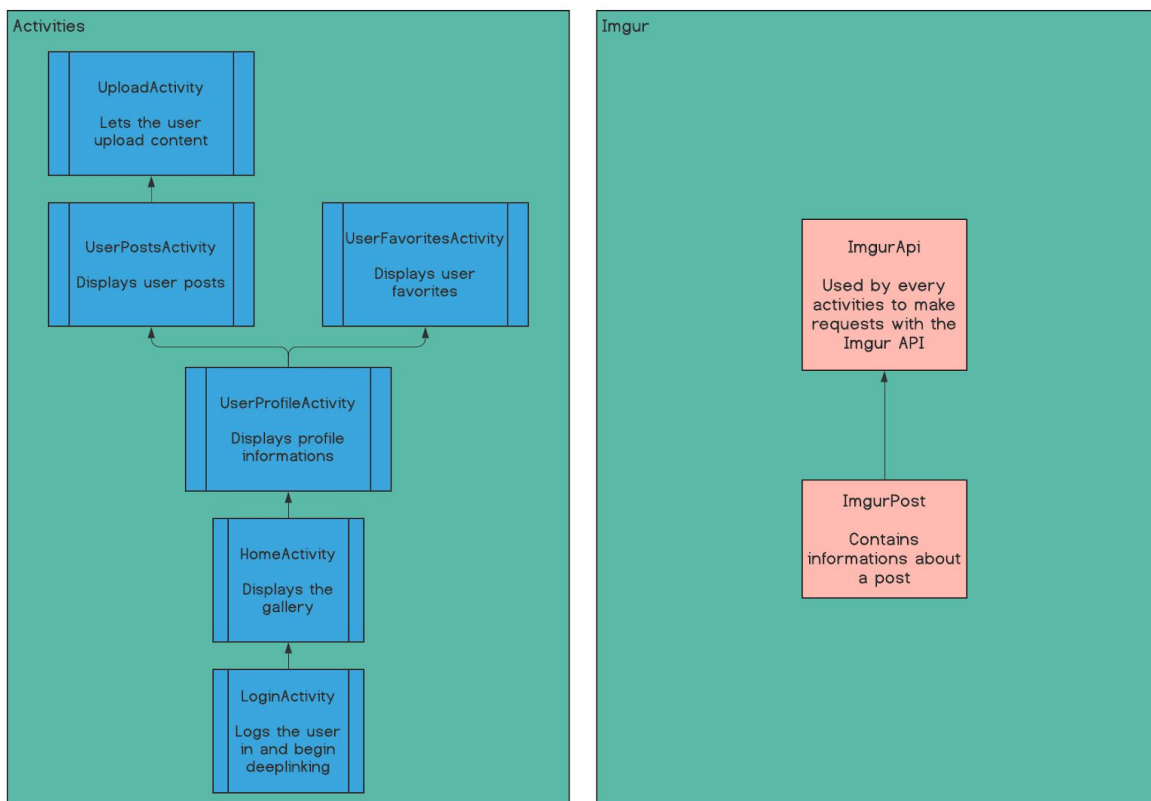The project was developed on Android Studio in Kotlin. The application is built with Gradle.

API references

The imgur api is the only used api in this application.

UML Class Diagram

Epicture UML Class Diagram

Kotlin Activities & Classes used

Documentation available at path ***app/build/javadoc/app/index.html***.

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