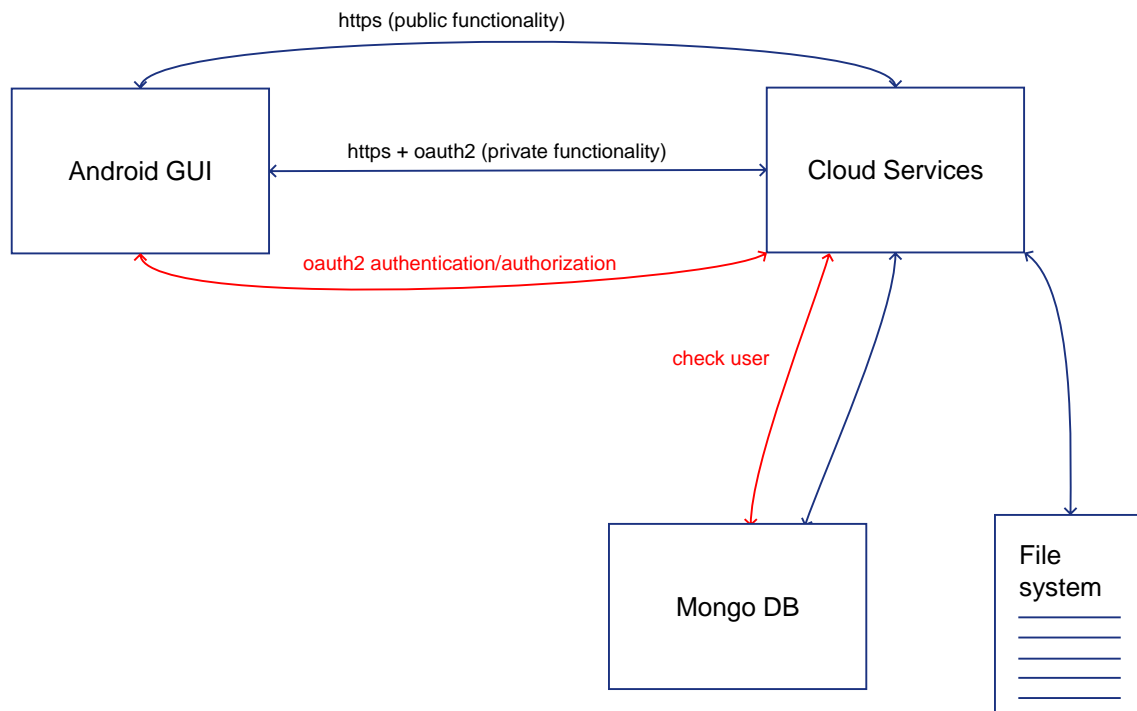


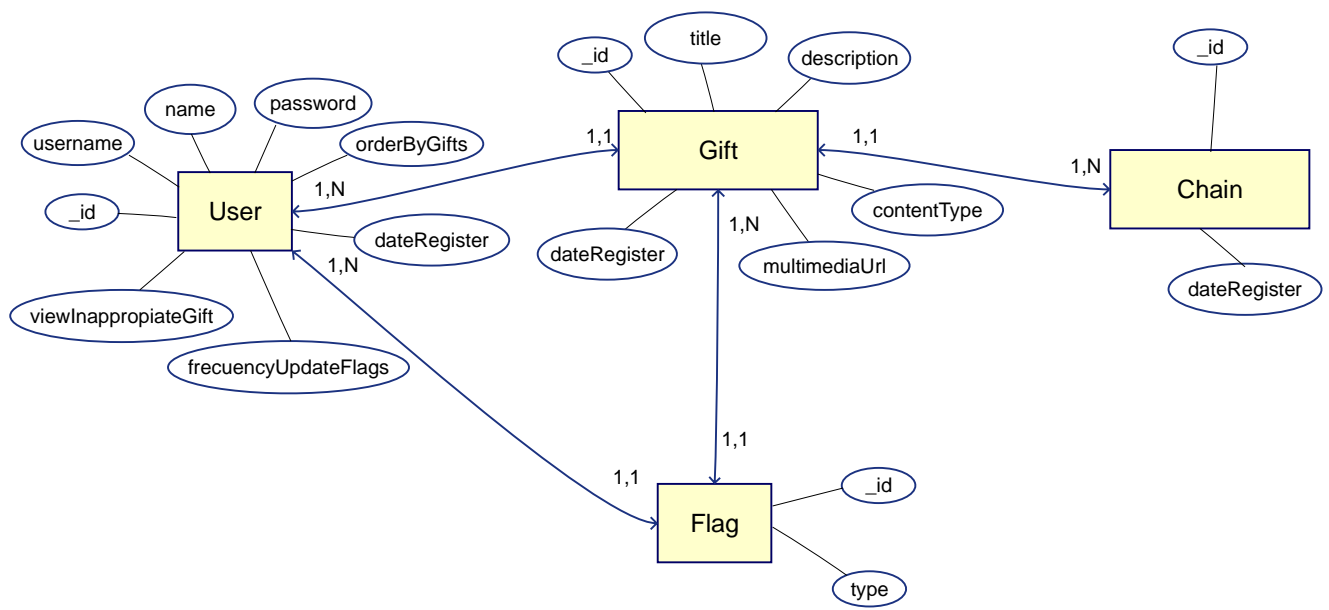
Application Enviroment

Android 5
Butterknife 6
Retrofit
Oauth2
Tomcat
Spring Boot
Spring Security
Spring MVC
Spring Data
MongoDB
JUnit 4

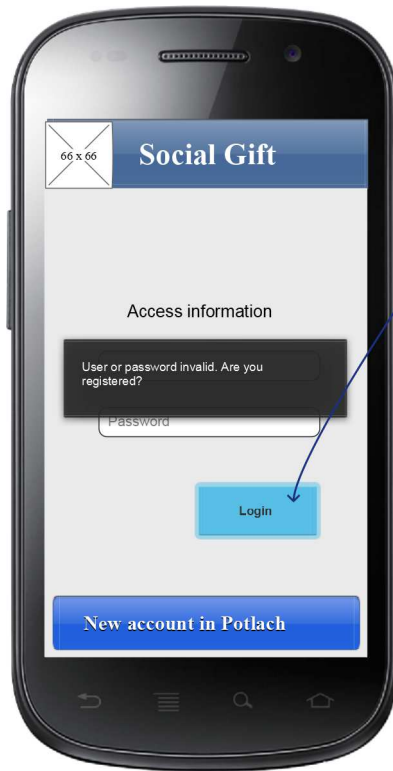
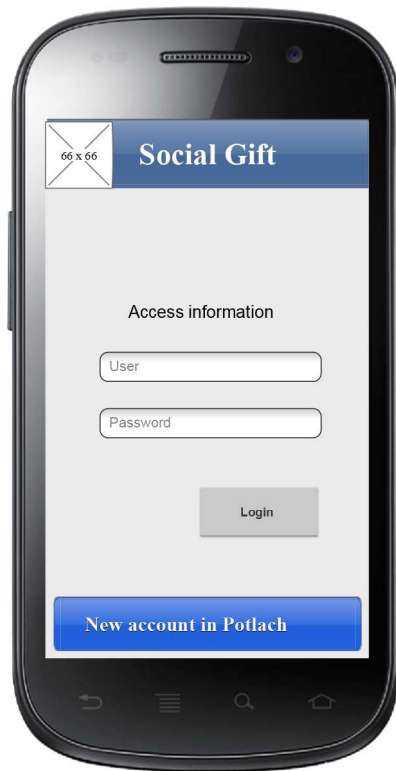
Application architecture



Database model



User login (public)



Cloud Services

POST <https://localhost:8443/user/login>

It will use a Android Activity to show layout associated to each screen.

User register (public)

Social Gift

66 x 66

Register information

Name

User

Password

Refresh touched counter

☐ Every minute

☐ Every five minutes

☐ Hourly

☒ View inappropriate Gift?

Order gifts by

☐ Date

☐ Likes

Save

Social Gift

66 x 66

Register information

Name

User

Password

Name, user and password not valid, review register information.

☐ Every five minutes

☐ Hourly

☒ View inappropriate Gift?

Order gifts by

☐ Date

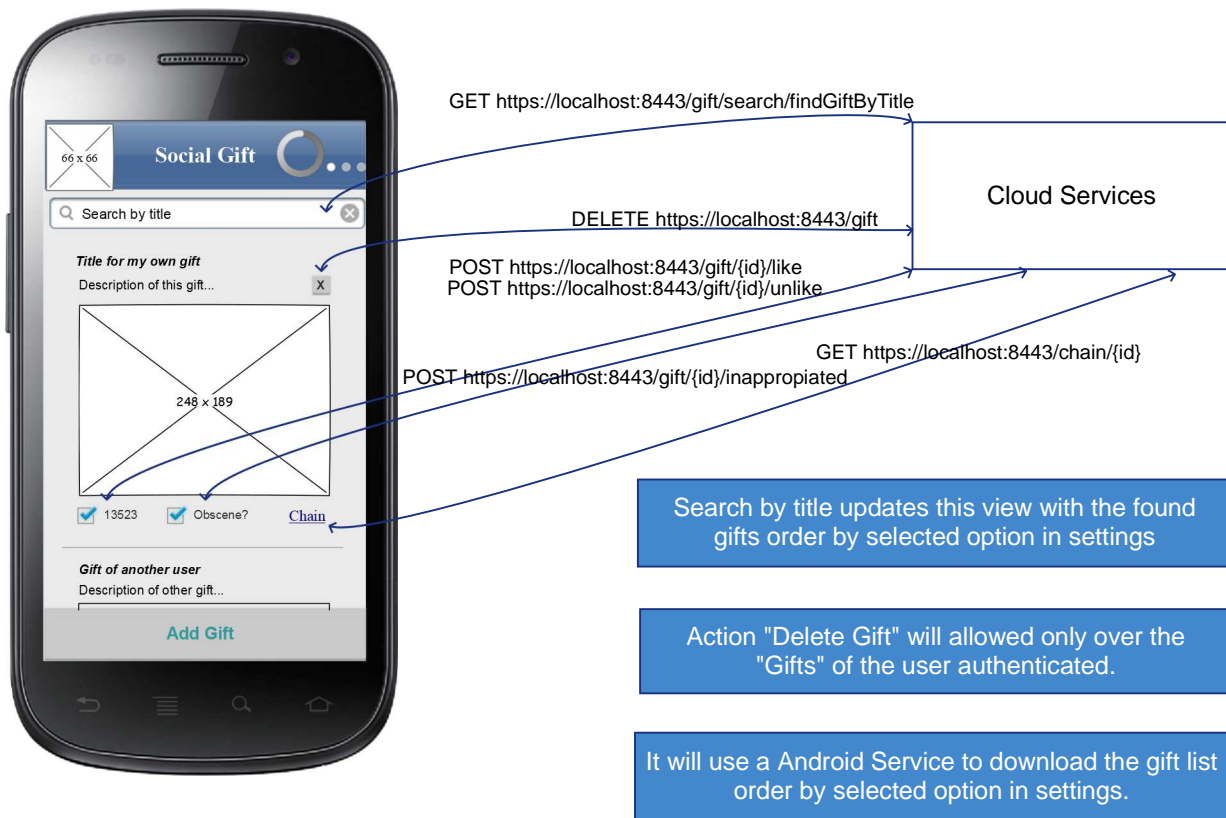
☐ Likes

Save

Cloud Services

POST <https://localhost:8443/user>

Main page user (private)



Main page user (private)



Menu options

Launch New Gift Activity

Launch Settings Activity

Launch Activity that show the users list who have touched more

Launch Activity that show the gifts list that have been touched by more people

To improve load time, SocialGift download the multimedia data for each Gift in her PRIVATE folder

Main page user (private)



When this Activity starts, one alarm is activated with the frequency of update saved by the user in his Settings. The alarm is canceled when activity is paused (onPause)

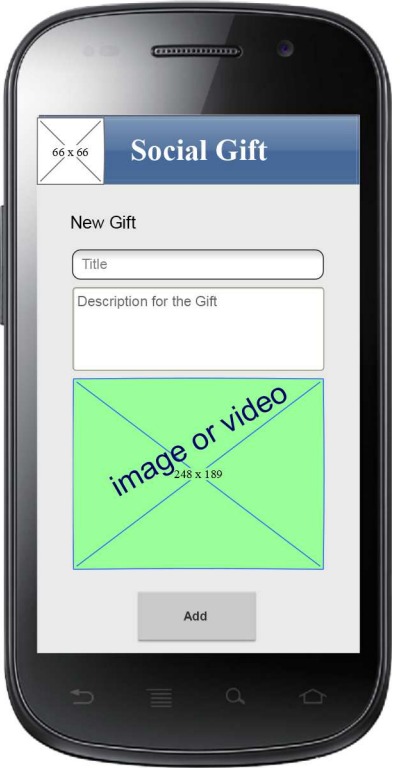
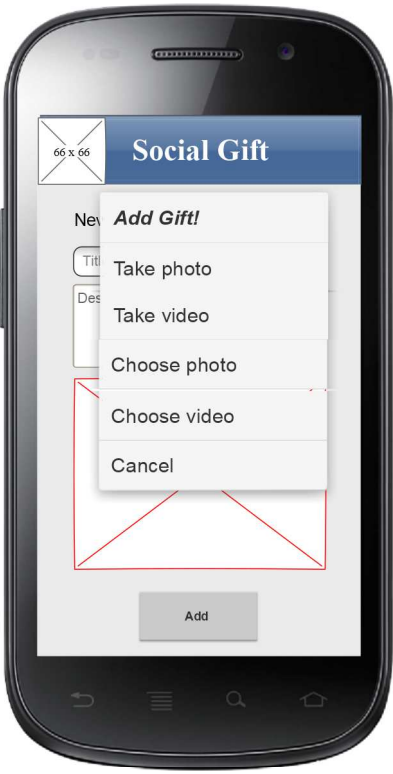
This Button allow refresh Gift List manually. This action restart alarm.

One Alarm updates the gift list, the counter touched and the inappropriated checks across a BroadcastReceiver

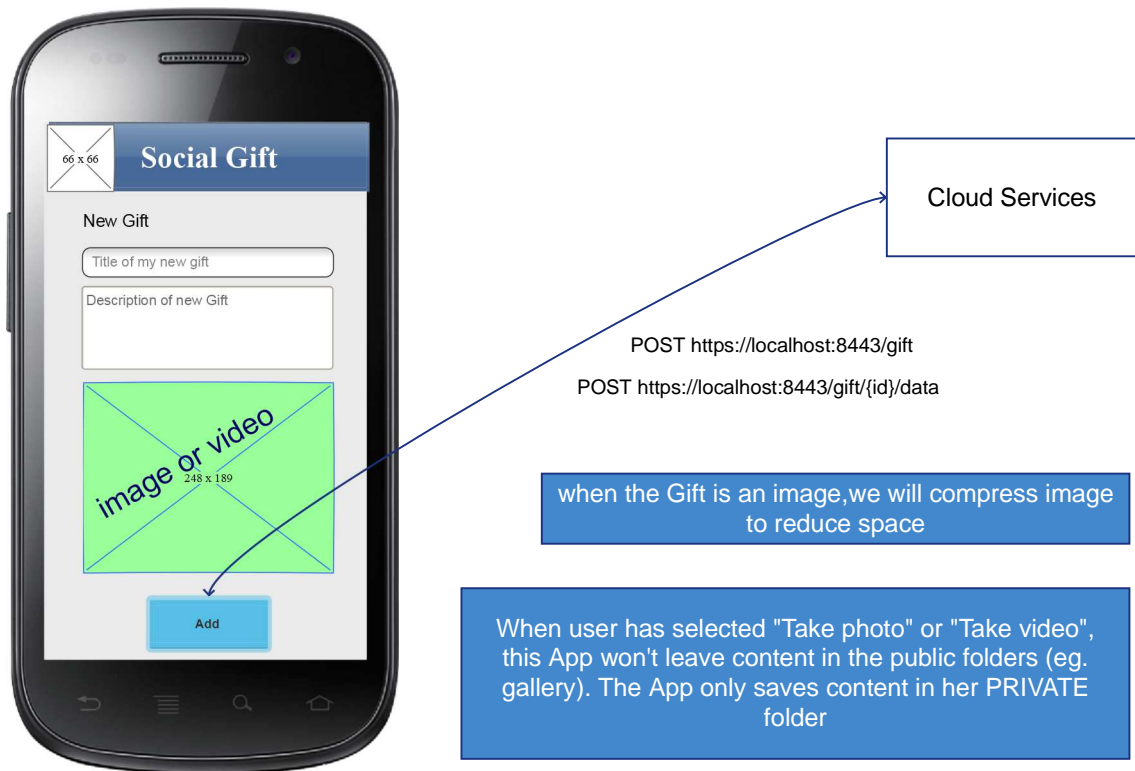
If you press Gift, SocialGift will shows image on full screen or will play the video

If the user goes to "New Gift" from here, it will create a new chain and the Gift will associate to her.

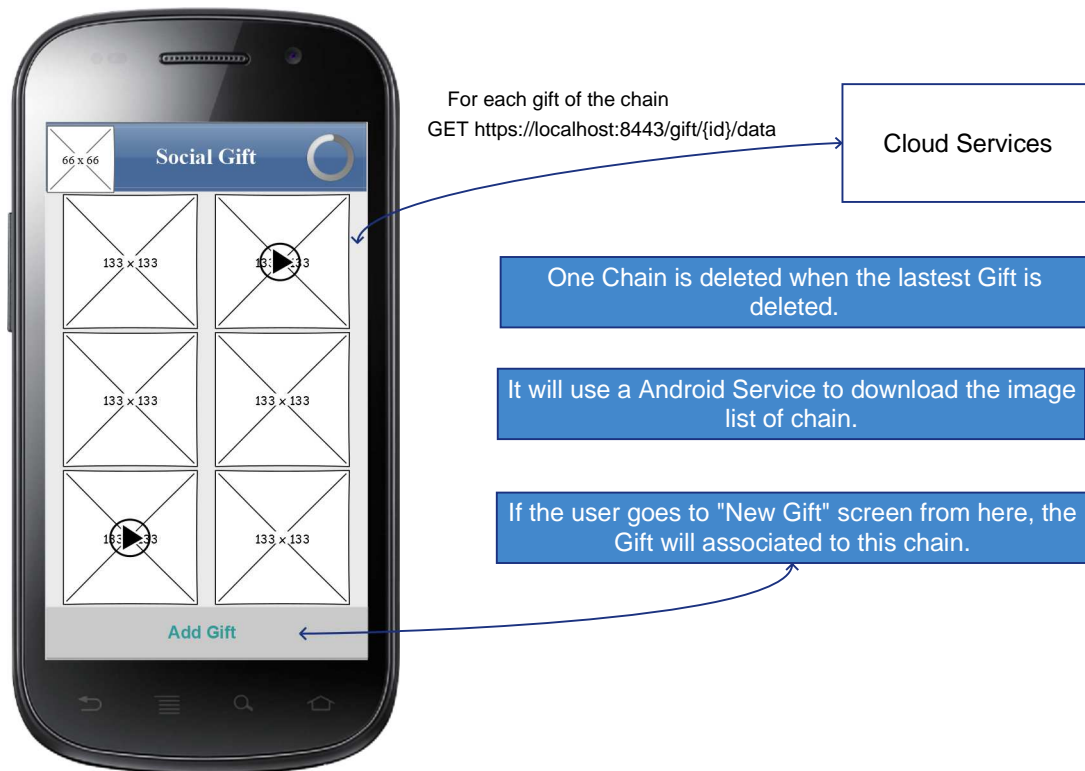
New gift - selection image (private)



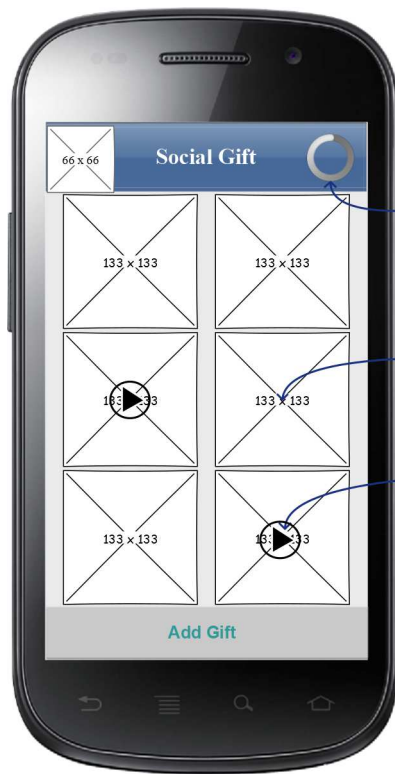
New Gift (private)



Chain of gifts (private)



Chain of gifts (private)



Allow refresh Chain of gifts

If user press on Gift, SocialGift will show image in full screen

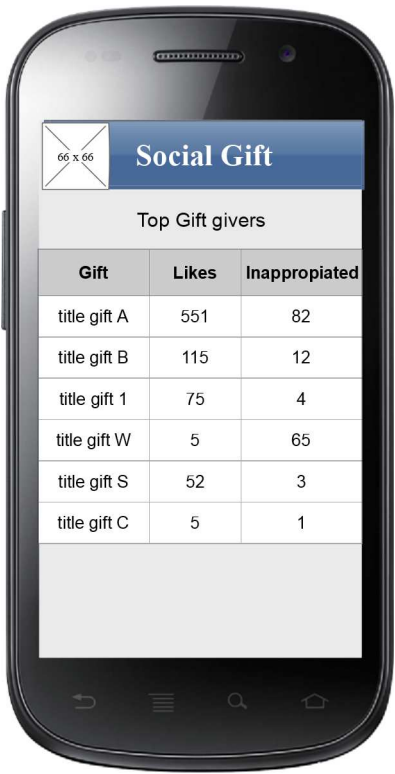
If user press on Gift, SocialGift will play the video

Settings user (private)



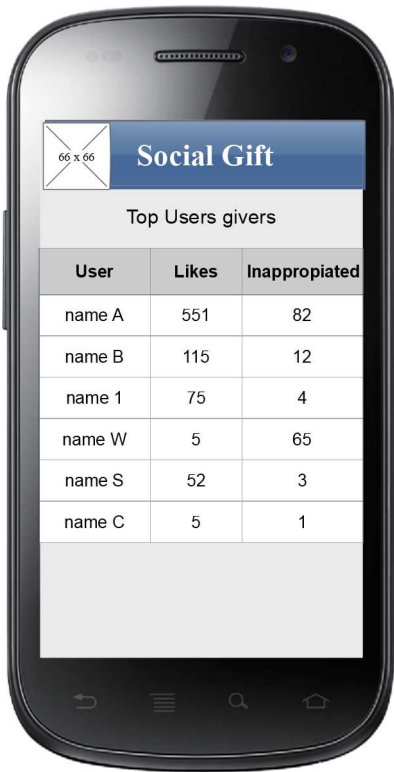
Cloud Services

PUT <https://localhost:8443/user>



By means of the Aggregation Framework of Mongodb, it is obtained the information of this list of the flag collection

User givers



By means of the Aggregation Framework of Mongodb, it is obtained the information of this list of the flag collection

Improvements

When the Gift is a video, we should compress it to reduce space. We can use ffmpeg or another library for this goal

A new option in Settings that allow user has Gifts in public folders eg. Gallery, when take photo or video with SocialGift

A new option in Settings to limit the device space that SocialGift can use, eg. 100Mb

Allow to user to export his Gifts into a device folder