Project-Phoenix Design Review (15-Oct)

User stories:

1. As a user I want to be able to upload photos so that I can store them in flickr server.
Acceptance criteria:
when user can upload photos to their account.
when user can set photo's permission

2. As a user I want to be able to add geo location to my photo so that i can see them on the map
Acceptance criteria:
when user can see their pictures on the map.

3. As a user I want to be able to View other's photo so that I can see other's photo update.
Acceptance criteria:
when user can see photo after their friends upload photos.

4. As a user I want to be able to Comment on photo so that I can interact with other people
Acceptance criteria:
when user can write comment belongs to that photo.

5. As a user I want to be able to Add to favorite so that I can view them later
Acceptance criteria:
When user can see their saved favorite picture in a dedicated page, and he/she can click on it and see them again.

6. As a user I want to be able to Add friend so that I can interact with my friends.
Acceptance criteria:
When user can add their friend who also uses this app and add them into your friend list.

7. As a user I want to be able to see friends updates so that I can be notified when new photo come out from my friends,
Acceptance criteria:
When users can see photo with a “new” tag and displayed on a latest update page.

8. As an user, I want to control my account so that I can have strong security to my services.

Acceptance criteria:
When user can sign up and login/logoff to the application using their own username.

1. sign up

2. Account management login/ logout -security

9. As a user I want to use popular social media account to log in so that I can make life so much easier using existing account.

Acceptance criteria:
When user can login using third party social media accounts (such as Facebook and Twitter) to login.

10. As a user, I want to check my current location so that I am able to spot myself on the map.

Acceptance criteria:
When user can see their live location on the map.

11. As a user, I want to collect/store good photo in my phone/local device because I can access any time

12. As a user, I want to be able to view photo on map nearby his/her location within limited radius

13. As a user, I want to get notification from other users photo update

14. As a client, I want to be able to change view setting so that I can switch between satellite and regular view.
15. (non func)user may change map views-usability

16. as a user, i wish i have control of searching range so that see stuff in a desired zoom range.

17. (non func)be able to customize the radius of searching zone-usability

18. As a user i want to be able to know if network is status so that when the network is not available, I will be notified.

19. (non func)check and pop network error if no internet access -----extra

11. (non func)check and pop network error if no internet access -----extra

oauth:
- security, because methods requires users to be signed in

user:
- UI
- event handler
- setting handler(radius, refreshing time...)

I/O:
- uploader- file system management
- downloader - able to download photo from flickr by photo reference

photo manager:
- comment
- like
- retrieve photo reference

Gmap:
- get geolocation
- get geolocation given radius

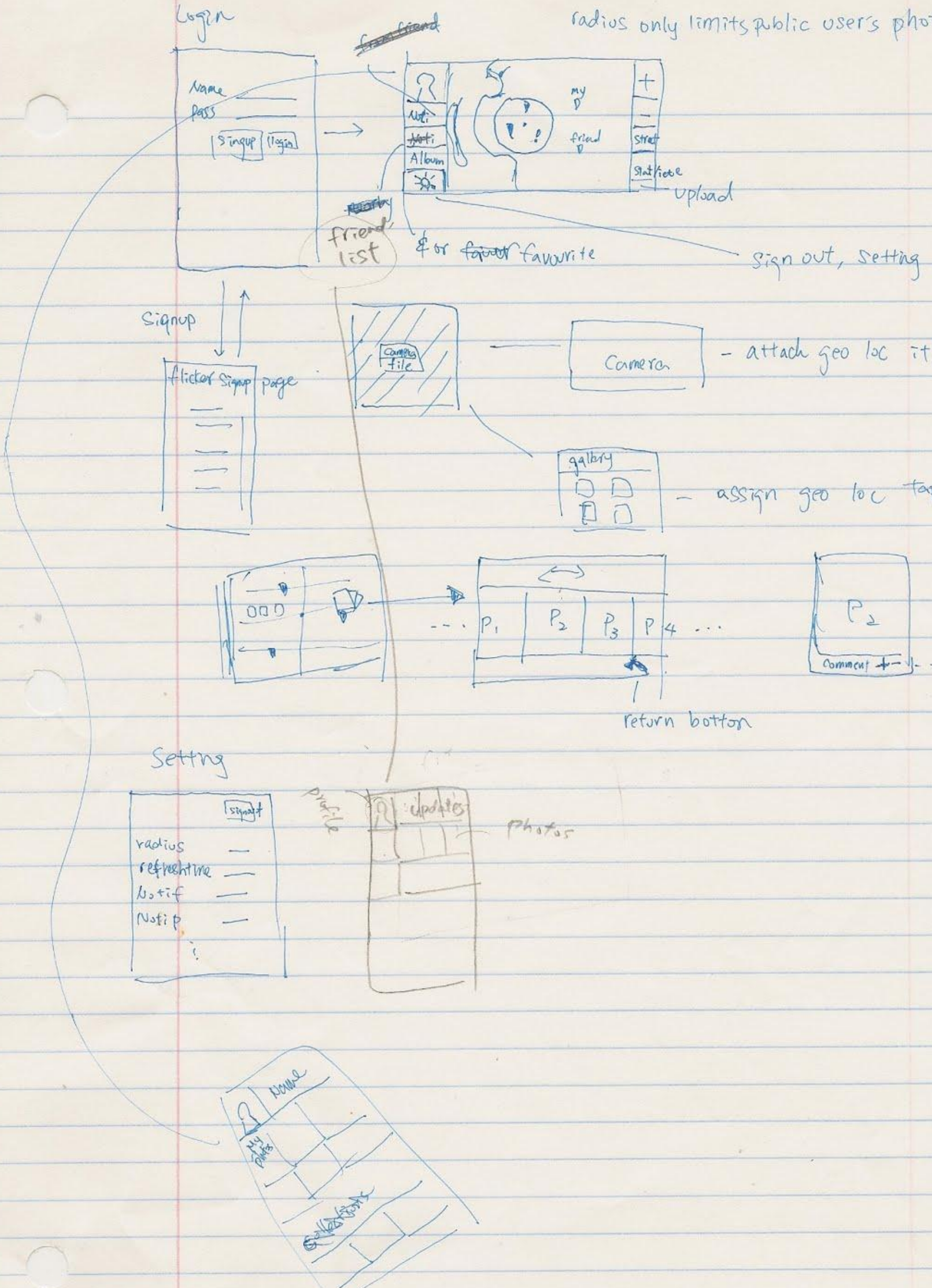
potential motivation: most social medias provide photo as well as map, but none of them stick photos and map together. Here, we want to create a new media with a brand new view by tagging photo onto the map.

App Description:
Our idea is to create a map. a map that can show your, friends', or photos from someone who's around you. yet this is a fresh way to communicate. on the map, you

may share photo, comment, and even click to collect the photo you like. Moreover, we decide to make this app more like a treasure hunting game. you want to go around and find out more interesting photos that other user shared. by which we encourage users to go around. As you moving around, you can get more photos nearby.

Clients: anyone especially photographer, tourists, artists, (add here)

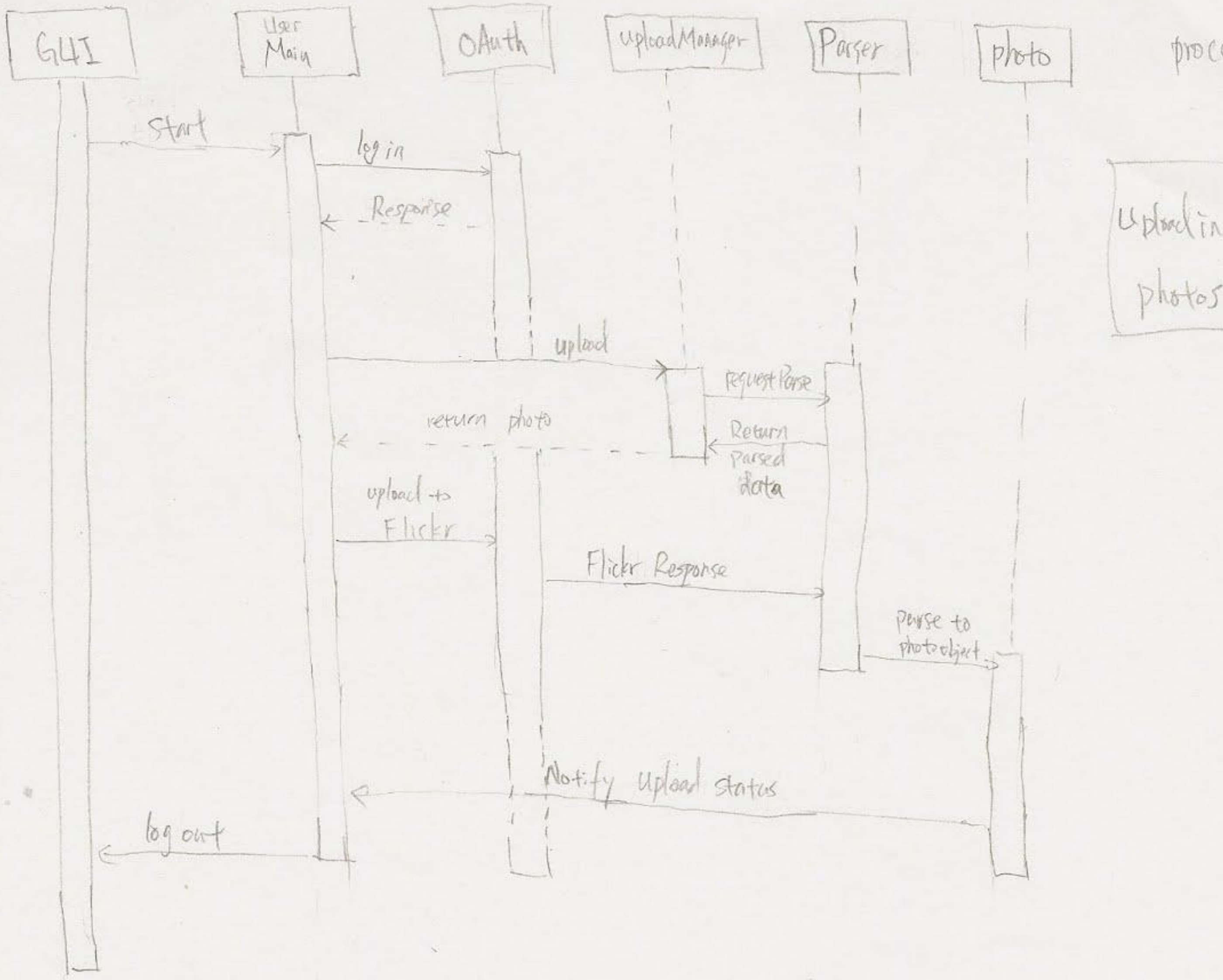
How functions are implemented:
1. If user already have a flickr account, then he can use it to login directly. If not, a new sign up interface will show up for registering a flickr account.
2. Flickr will handle login and logout, we just provide access to these.
3. Google map get permission for user's geo info and it will in charge of displaying it on map
4. user's photo's will be tagged with his geo location and will be sent to flickr database
5. download....come back to this later aim on storing to local device
6. flickr api provide methods **flickr.favorites.add** for user to add photos into their favorite
7. provided by flickr api flickr.photos.comments.addComment
8. a circle overlay will help checking and retrieving photos fall within the circle?!
9. pinout user's and his/her subscriber's photo onto map
10.flickr api by following, user can view his friend's recent uploaded photos (**flickr.contacts.getListRecentlyUploaded**, or) Avalibility
11.imp and work with android api
12. change the value of the radius field in user class
13. google map api provides many map type option for user
14. use changing the html or css layout provided by google plus api, photo stack effect can be implemiapented
15. provided by OAuth, user can use yahoo! ID, Google ID, and Fackbook to sign flickr api in



radius only limits public user's pho

- attach geo loc it

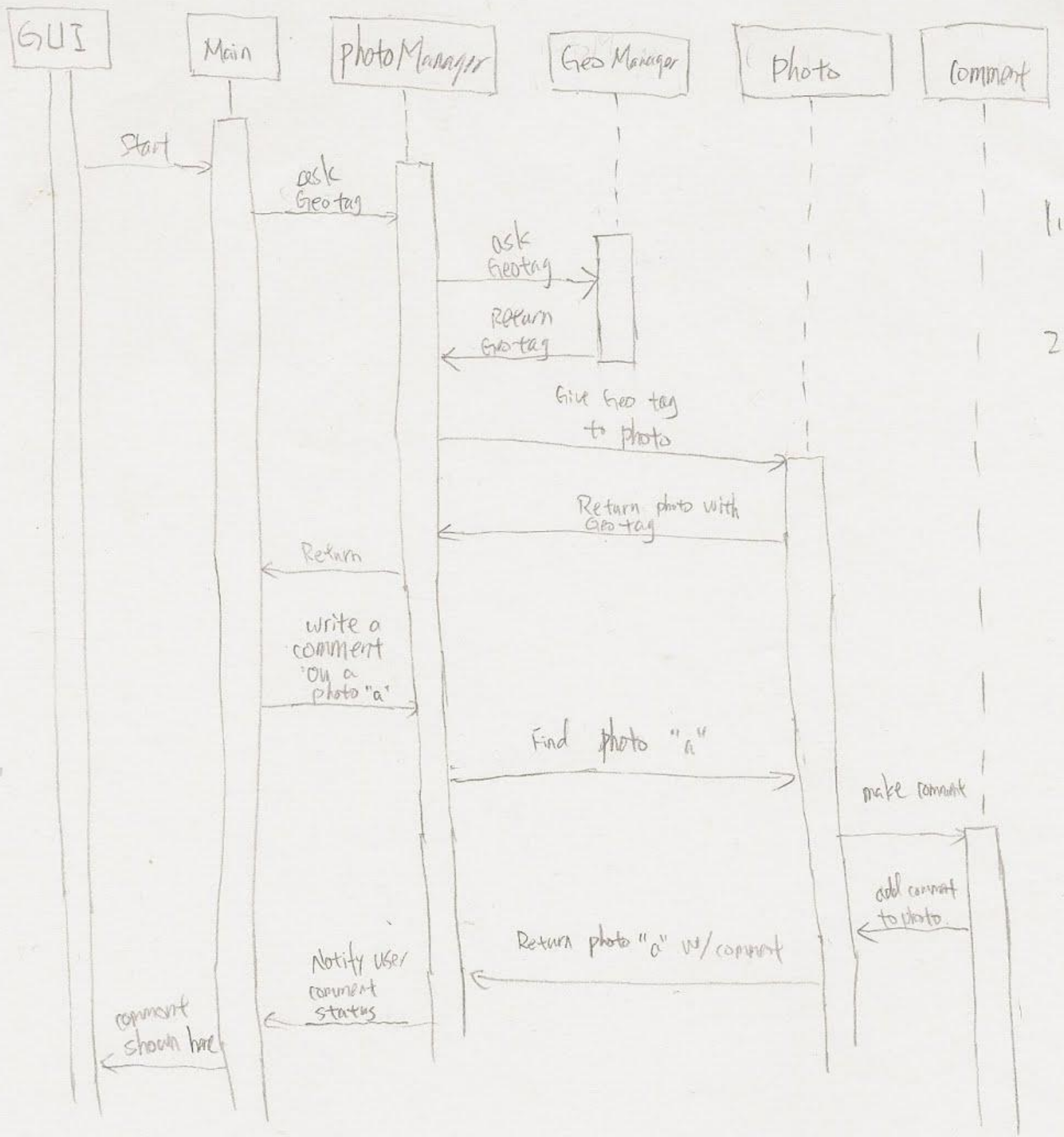
- assign geo loc ta



Notification: "Refresh" —> NM will check your friend's new photo —> Yes —
↘ N —

View photo:

1. use Flicker as PB , we implement all the functions



1. Give p
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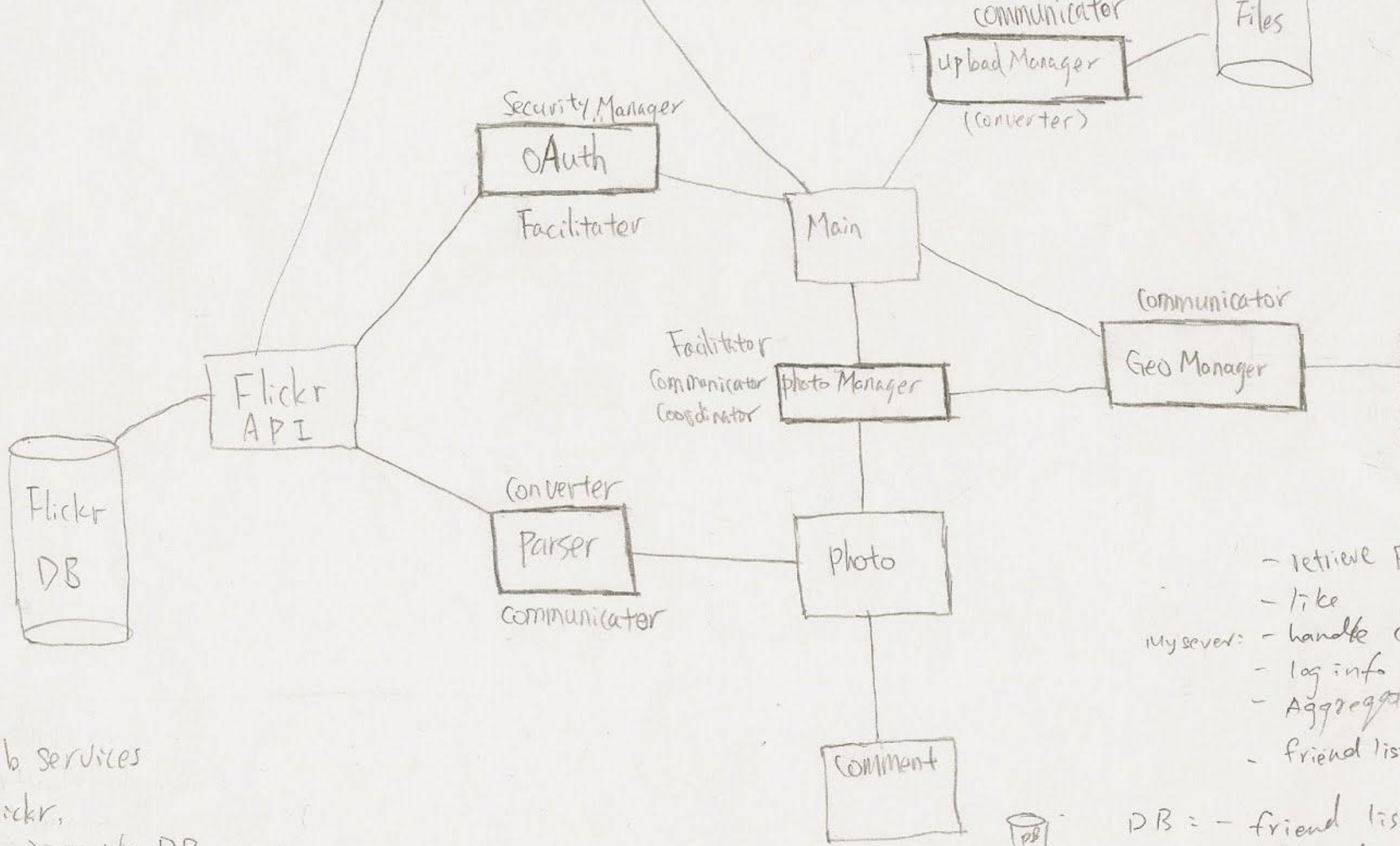

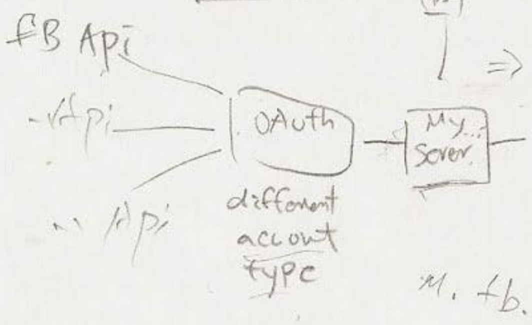

- retrieve
- like

Myserver: - handle
- log info
- Aggregat
- friend lis

DB : - friend lis
- persmal
acct
- photo refs
person
- Commend
photo

Web Services

1. Flickr,
   1) provide DB
   2) support function such as { load / view / comment on } photo
2. Google Map.
   1) help display overlay on map
   2) provide map interface.