



# PickPic

KangSoYeon

LeeYeWon

MyungSeKyo

LeeWonJun

ParkGunHoo

## 1. Requirements summary

- background & purpose
- function
- UI
- meeting report

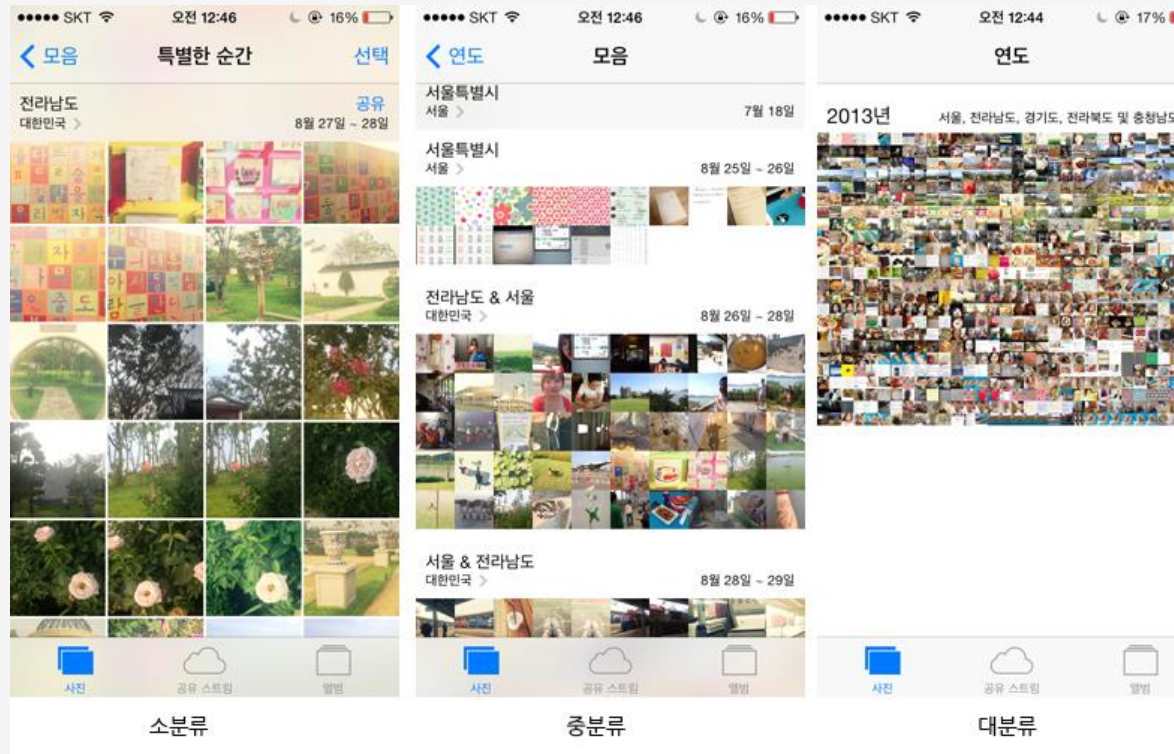
## 2. Design

- modules and interfaces
- class diagram
- sequence diagram

## 3. Planning

- project schedule
- test plan
- documentation plan

# Requirements summary : background and purpose



## BACKGROUND

There are many images on your phone.

So finding the image you want and managing your gallery are not easy.

## PURPOSE

Smartly manage and find your images with tags.

# Requirements summary : function

1. Normal Gallery
2. Automatically tag image
  - 3-1. Word search to find images with tags
  - 3-2. Selective search to find images with tags
    - A. By color
    - B. By action
    - C. By person
    - D. By text
    - E. and so on
4. Show category
  - A. By directory
  - B. By date
  - C. By tags



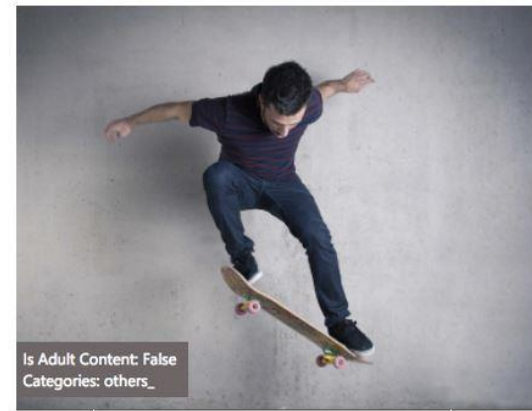
#grass

#sky

#green



#A GOAL WITHOUT A  
PLAN IS JUST A WISH

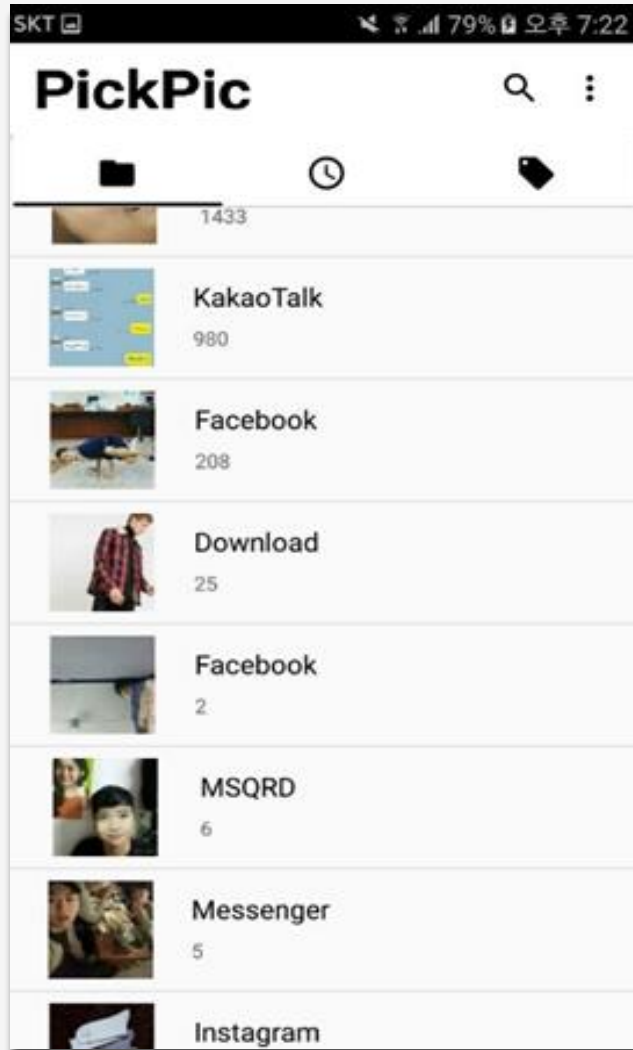


#skating

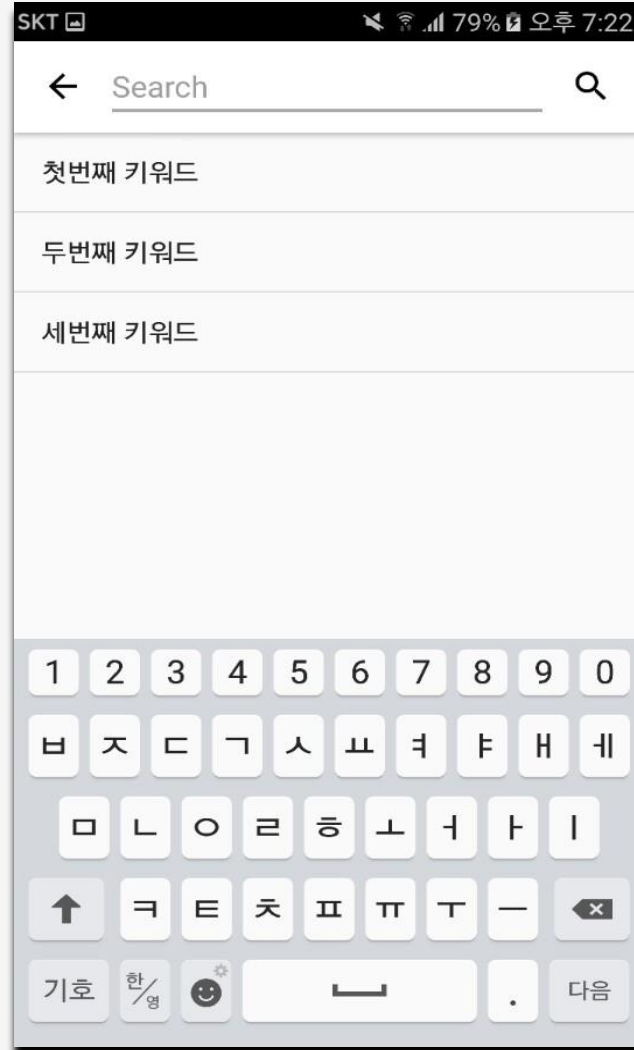
#sport

#man

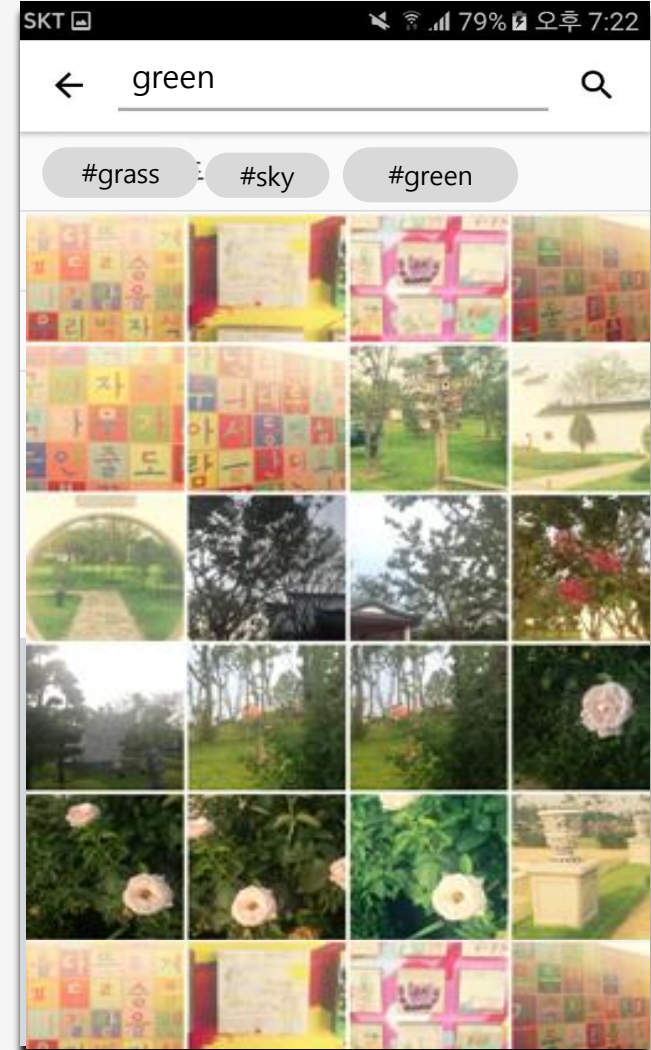
# Requirements summary : UI



Home



Search



Result

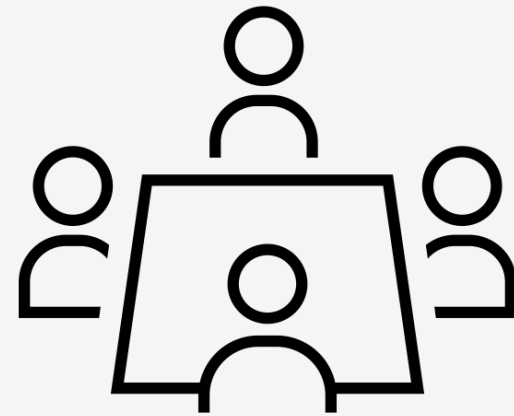
# Requirements summary : meeting reports

We talked about our project index to our customer. The things are follow :

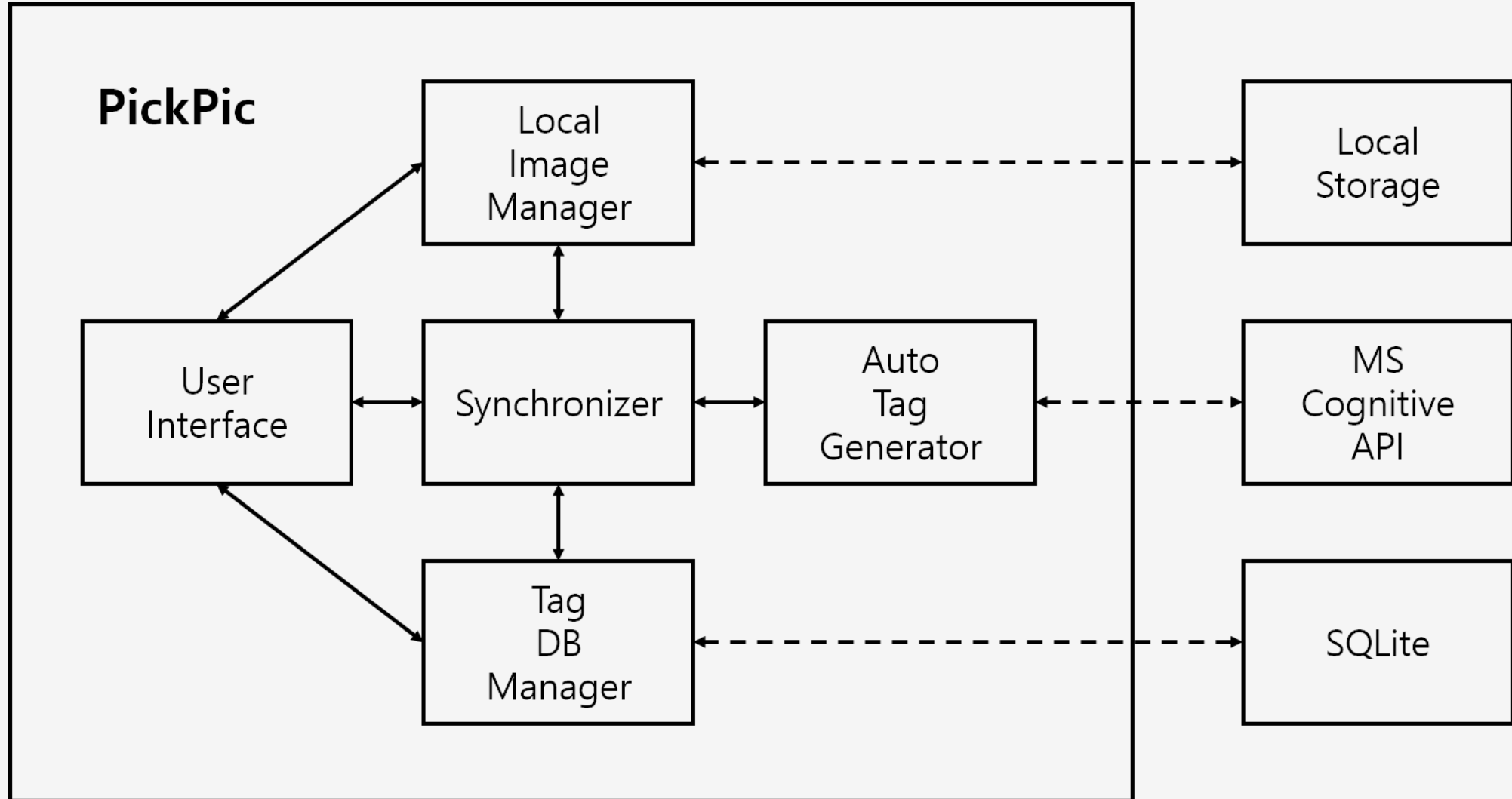
1. Search : Tagging your photos and store, plus search
2. Show results of search by showing thumbnail
3. If the photo is clicked, open gallery
4. Sort by tag
5. Sort by day
6. 2<sup>nd</sup> tag : Show original file directory
7. Image zoom in zoom out

Then our customers replied as :

1. Add share function to other SNS like Kakao Talk
2. Add tag directly by users
3. Make tutorial display

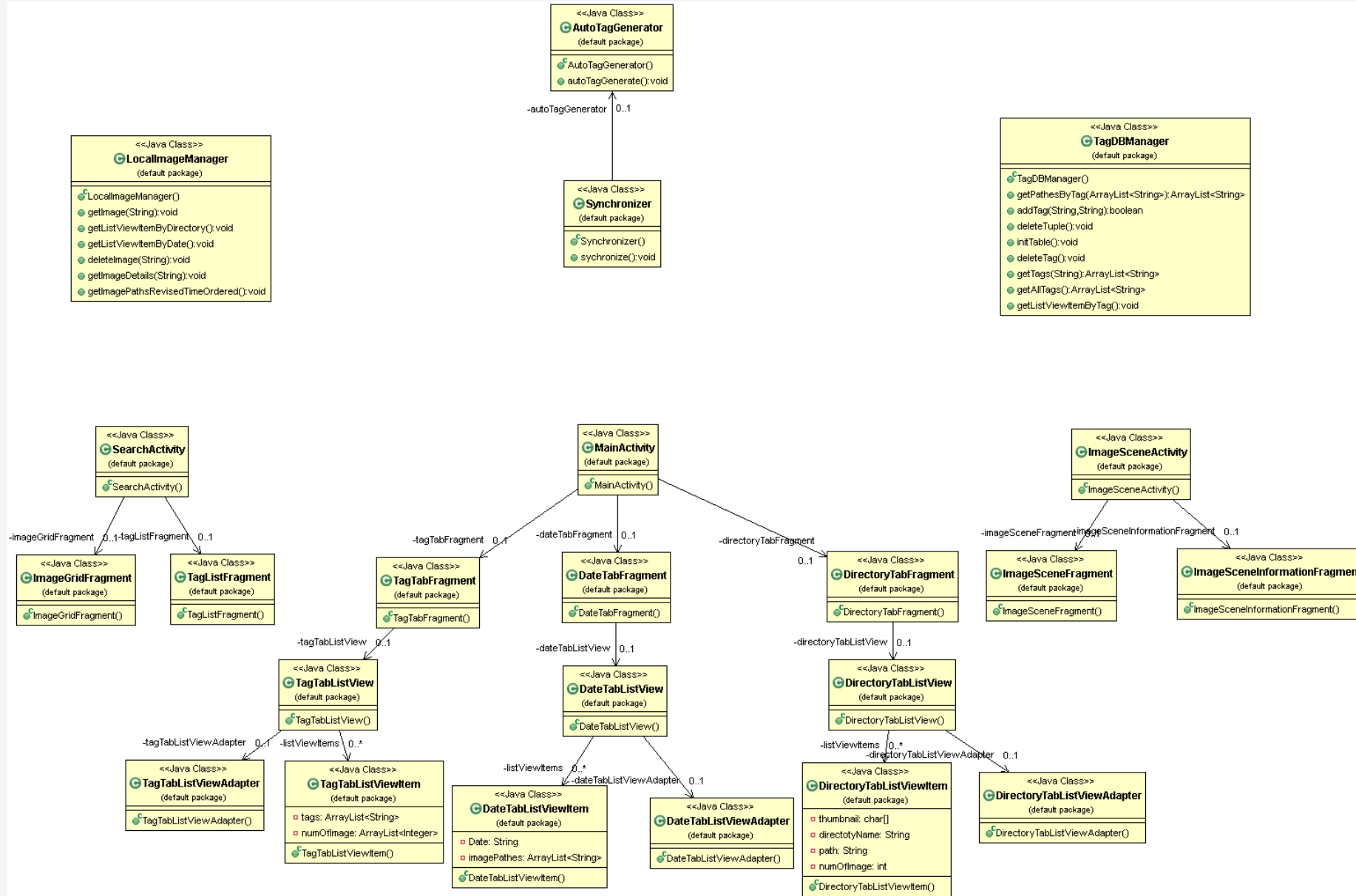


# Design : modules and interfaces



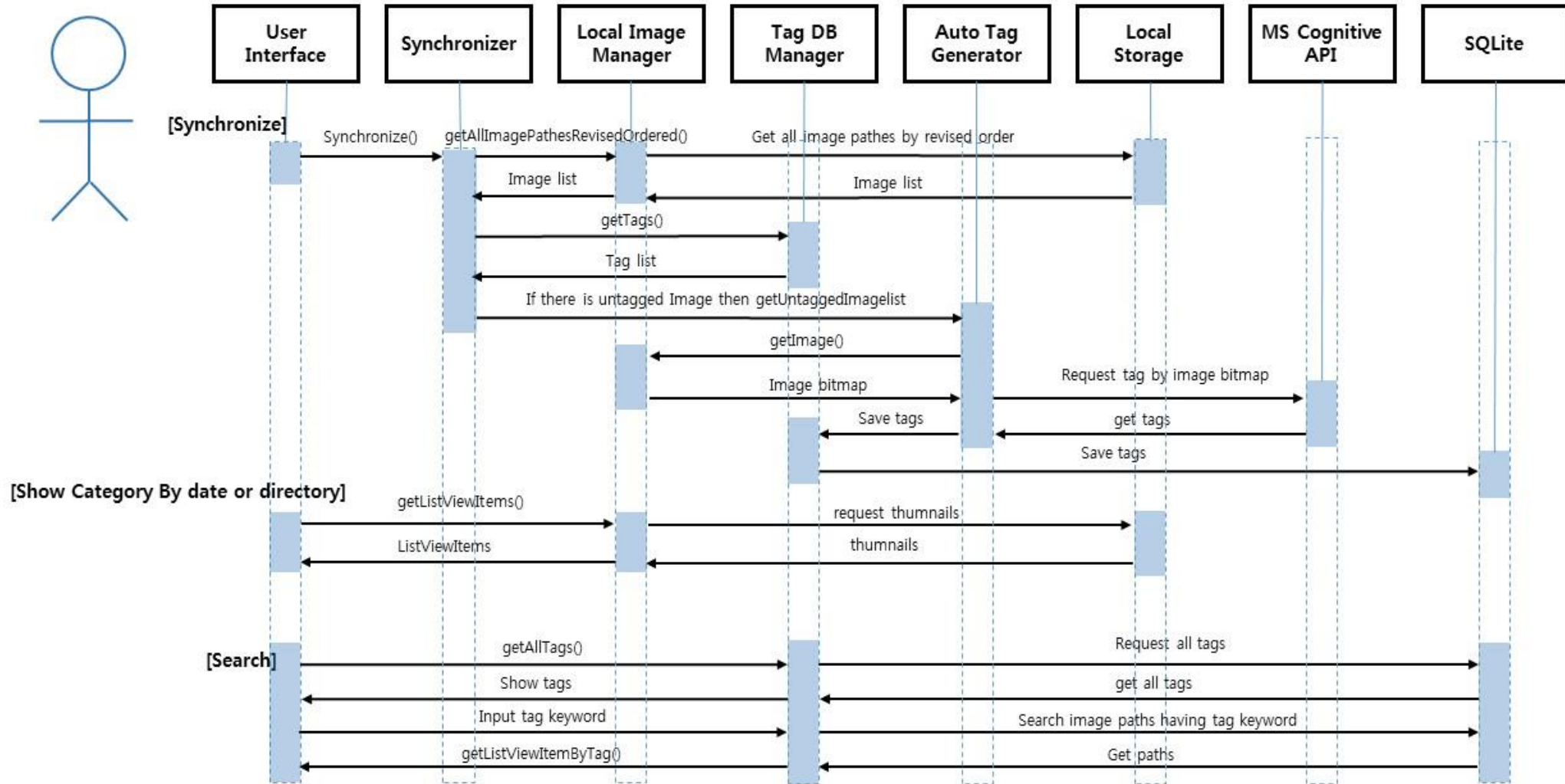


# Design : class diagram





# Design : sequence diagram



# Planning : project schedule

Functions			1 <sup>st</sup> (03.21~04.01)	2 <sup>nd</sup> (04.02~04.17)	3 <sup>rd</sup> (04.17~04.26)	4 <sup>th</sup> (04.27~05.05)
<b>Design System Architecture</b>	Idea Develop					
	Service Scenario					
	UI Design					
	Use-case					
<b>Scrum</b>	Select	Scrum Meeting				
	Develop	Coding				
		Refactoring				
	Review	Client Meeting				
<b>Project closure</b>		Documentation				

All members
  Front-End Developer
  Back-End Developer

# Planning : test plan

Activity	Frame	Function Specification
Main	DirectoryTab	When users click a directory tab icon or swipe the tab, then show DirectoryTab frame. This frame will sort your photos by directory on your device. This frame also shows thumbnail of the directory, directory name, path and a number of images.
	DateTab	When users click a date tab icon or swipe the tab, then show DateTab frame. This frame will sort your photos by date on your device. This frame also shows day and path.
	TagTab	When users click a tag tab icon or swipe the tab, then show TagTab frame. This frame will sort your photos by tag on your device. This frame also shows tag and a number of images.
	SearchIcon	When users click a search icon on the top of tool bar, then go to SearchActivity.
	SettingIcon	When users click a setting icon on the top of tool bar, then show menu frame.
	UISettingFrame	This frame appears when SettingIcon is clicked. This frame also shows the setting functions such as manual, synchronization and service center.
SearchActivity	ImageGrid	This frame appears when SearchIcon is clicked on MainActivity. When user clicks one of the images, then go to ImageScene.
	TagList	This frame appears when SearchIcon is clicked on ImageGrid Frame. This frame will show sorted tags in order of appearance.
ImageScene	ImageScene	This frame shows closure images. When user clicks the image scene, then display will jump to ImageSceneInformation frame of ImageScene Activity.
	ImageSceneInformation	This frame appears when touch event is occurs on ImageScene frame of ImageScene Activity. All tags will appear below the image. When these tags are clicked, display will jump to the ImageGrid frame of SearchActivity and show the photos that have those tags.
	ImageSettingFrame	This frame appears when SettingIcon is clicked. This frame also shows the setting functions such as share, delete photo, add tags and specific information.

# Planning : documentation plan

Documents	Purpose	Audience	Output media	Writer	Start	Completion
<b>Project proposal</b>	Propose the project that would be a term project	All students in class and the professor	ppt	SoYeon, Yewon	170313	170314
<b>Software requirement specification</b>	Establish a solid definition of the project	the Professor	docx	SoYeon, Yewon, GunHoo, SeKyo, WonJun	170328	170405
<b>Software design specification</b>	Describe all the details about the project	the Professor	docx	SoYeon, Yewon, GunHoo, SeKyo, WonJun	170414	170426
<b>Interim presentation</b>	Present the summary of requirements and planning	All students in class and the professor	ppt	SoYeon, Yewon	170414	170426
<b>Zero feature</b>	Describe the detail about the initial version of the application	the Professor	docx	SoYeon, Yewon, GunHoo, SeKyo, WonJun	170427	170512
<b>Beta</b>	Describe the detail about the revised version of the application	the Professor	docx	SoYeon, Yewon, GunHoo, SeKyo, WonJun	170513	170602
<b>Final presentation</b>	Present final version of the application	All students in class and the professor	ppt	SoYeon, Yewon	170513	170602
<b>Individual report (#1 ~ #6)</b>	Show individual progress in the project	the Professor	docx	individual team member	every week	