KUPID Notifier

HCI Assignment #2 Part2

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Table Of Content

- Task Modeling
  - Major user tasks and sub tasks and their structure
  - Scenario/Storyboard of 3 major execution flows
- Interface Selection
- Interface Design

What is the *KUPID* Notifier?

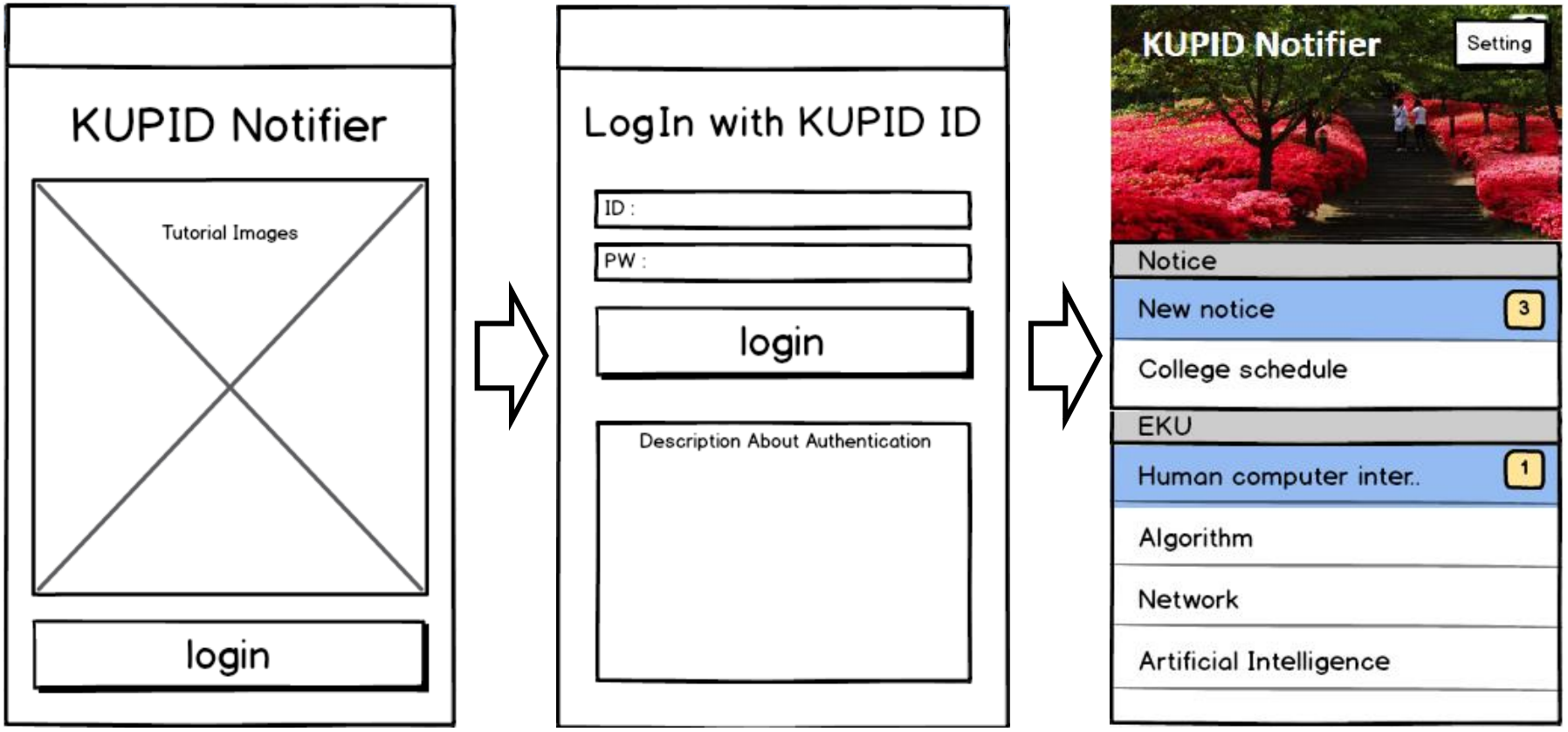
Mobile app which notifies *new assignment* or *notice* when it posted on KUPID!

Your Mobile Phone

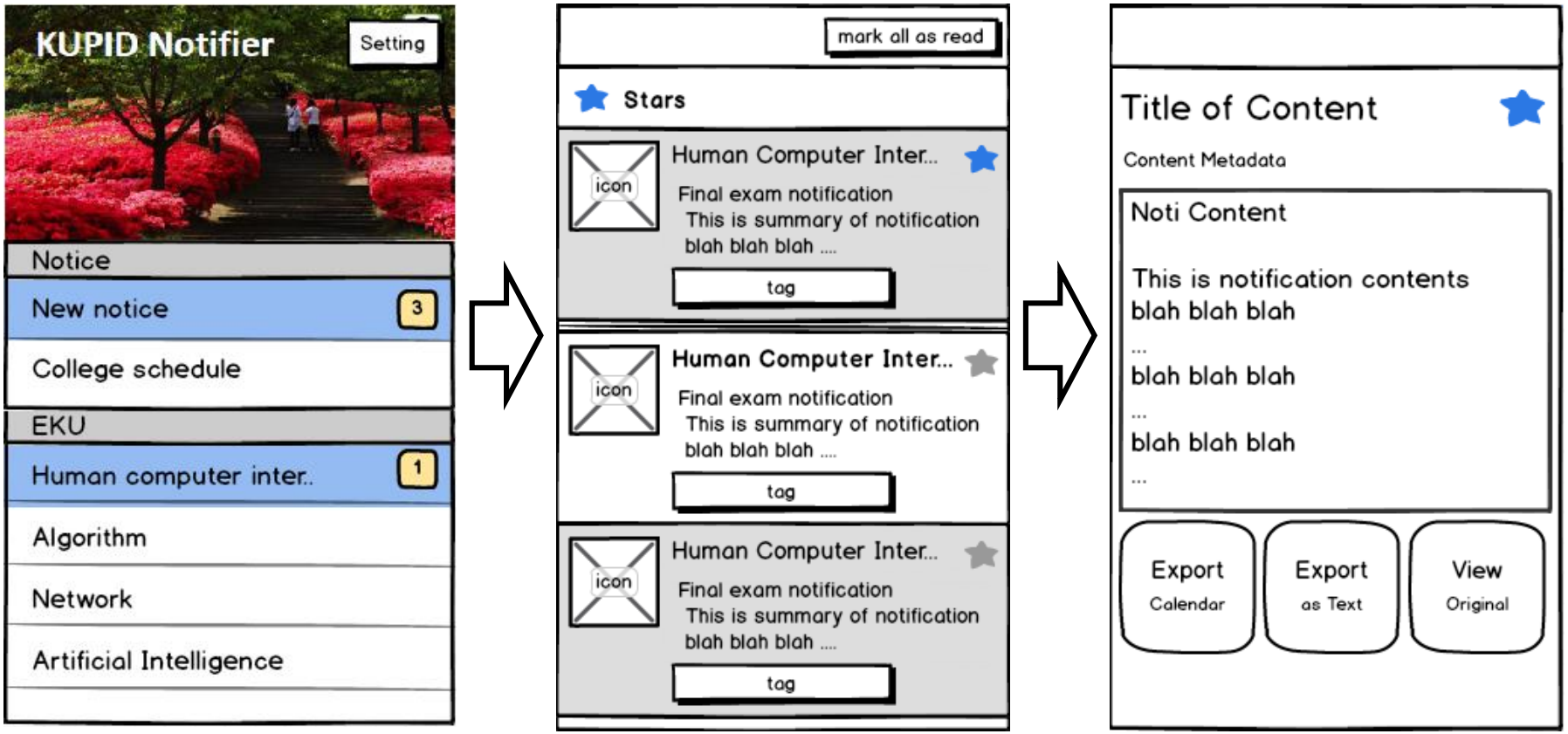
KUPID

UI Overview

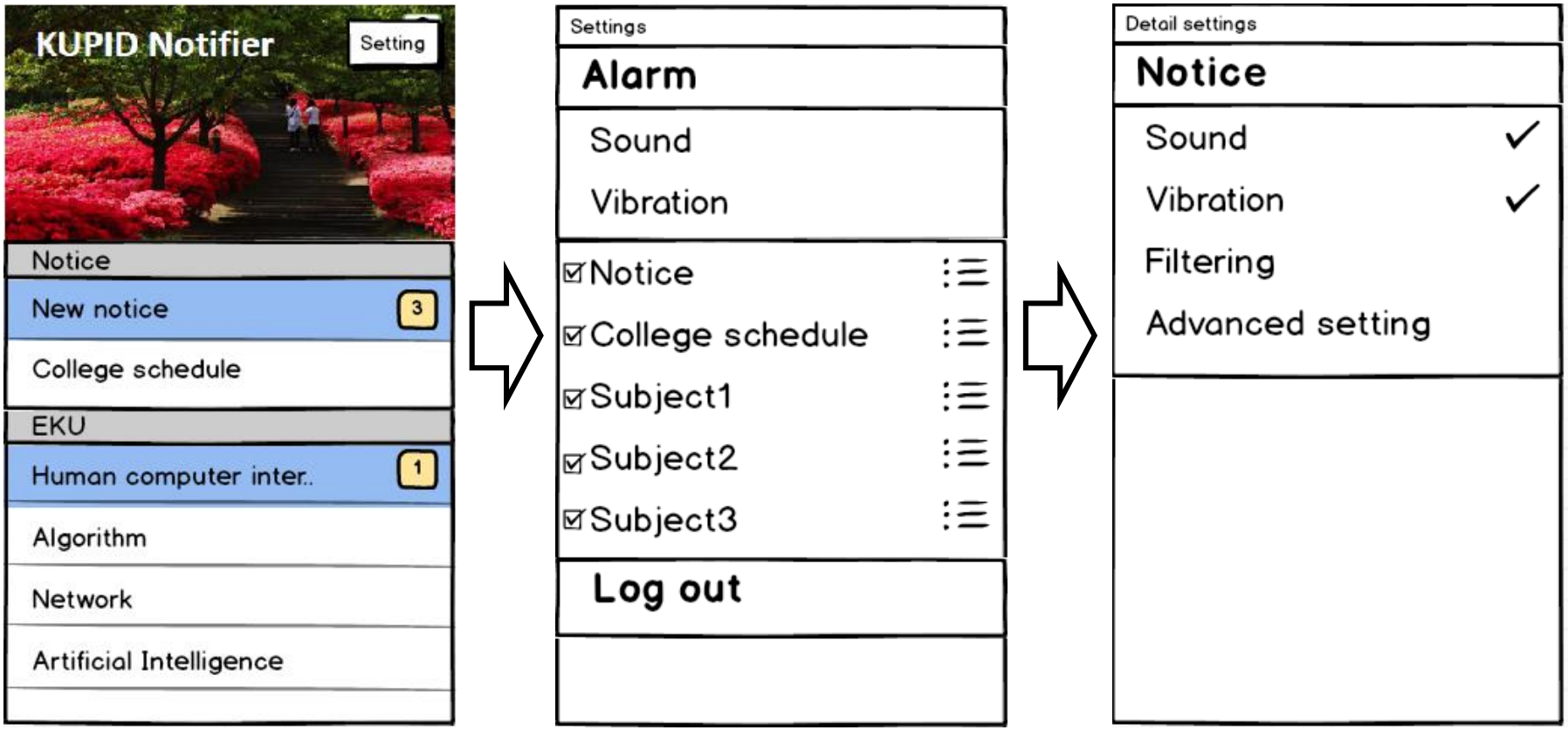
UI Overview #1



UI Overview #2

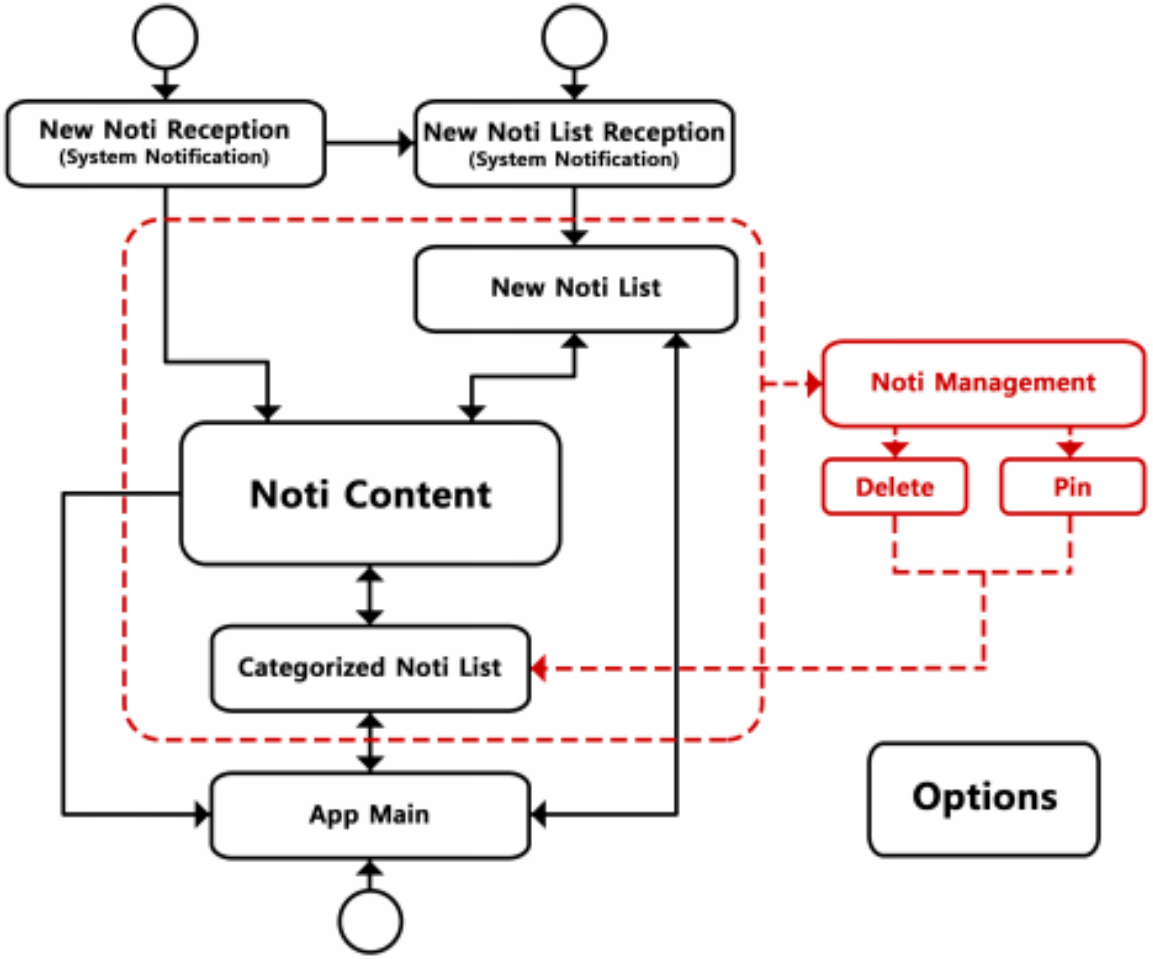


UI Overview #3



Task Modeling

Transition Diagram



Task sequence #1

1. Choose category for check on 'App Main Window'.
2. Choose the Noti for chick in detail on 'Categorized Noti Window'.
    1. Pinned Notis are seen on the top of 'Categorized Noti Window' as folded bar.
    2. After unfold the pinned Noti list, user can touch Pin icon to pin the Notis or un-pin the pinned Notis.
3. Move to 'Noti Content Window' then check detail content of the Noti.
4. If it needed, by using 'Pin icon', user can pin the Noti.
5. If it needed, export menu can be chosen at the end of the content.
6. Press 'back' key to move 'Categorized New Noti Window' or press App Main icon to move 'App Main Window'

Task sequence #2

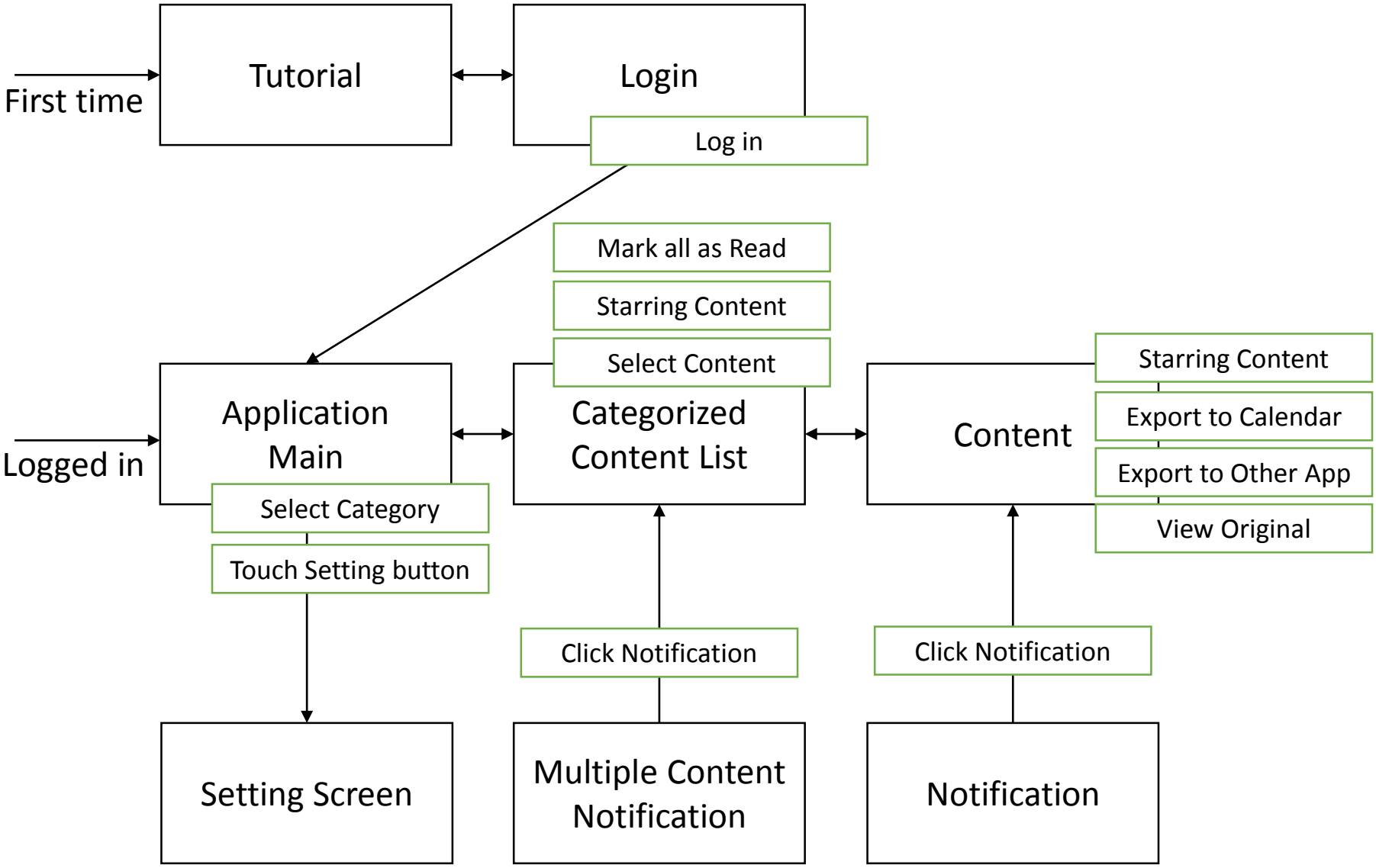
1. Receive System Alarm for new Noti reception and touch it.
2. Move to 'Noti Content Window' then check detail content of the Noti.
3. If it needed, by using 'Pin icon', user can pin the Noti.
    1. When user move to other window without any management or exporting action on the Noti, it treated as 'just checked out'
    2. Pinned Notis are seen on the top of 'Categorized Noti Window'
4. If it needed, export menu can be chosen at the end of the content.
5. Press 'back' key to move App Main Window.

Task sequence #3

1. Receive System Alarm for new Mult Noti List reception and touch the categorized Noti.
2. Move to 'Categorized New Noti Window' then choose the Noti for check in detail.
    1. If there are no more Notis for check in detail, user call list menu and touch 'Set as Checked' button.
3. Move to 'Noti Content Window' then check detail content of the Noti.
4. If it needed, by using 'Pin icon', user can pin the Noti. If it needed, export menu can be chosen at the end of the content.
    1. When user move to other window without any management or exporting action on the Noti, it treated as 'just checked out'
    2. Pinned Notis are seen on the top of 'Categorized Noti Window'
5. Press 'back' key to move 'Categorized New Noti Window' or press App Main icon to move 'App Main Window‘
    1. If there are no more Notis on 'Categorized New Noti', 'App Main' icon will be shown.

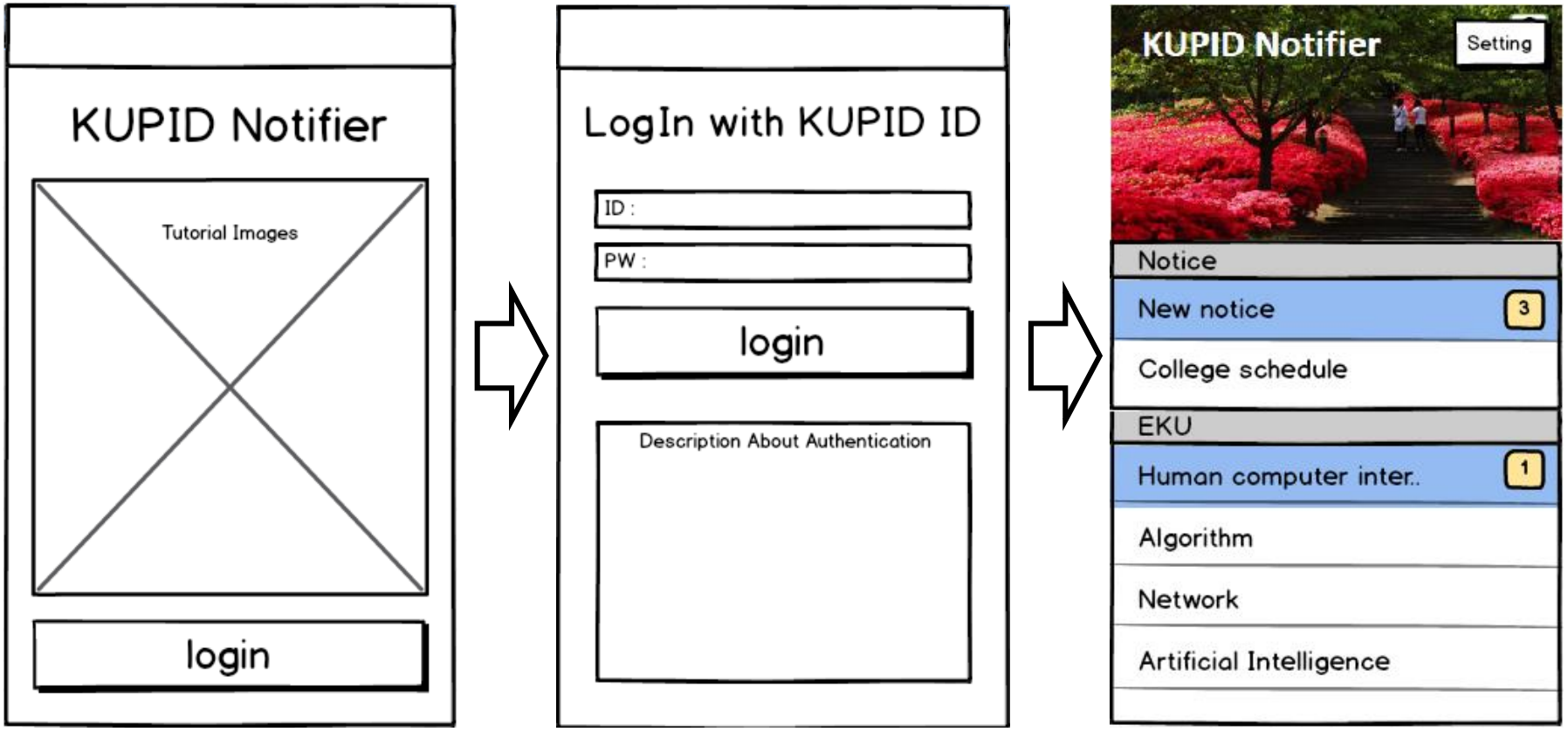
Task sequence #4

1. Press option icon on 'App Main Window‘
2. Check the current options in detail.
3. Press 'back' key to return 'App Main Window

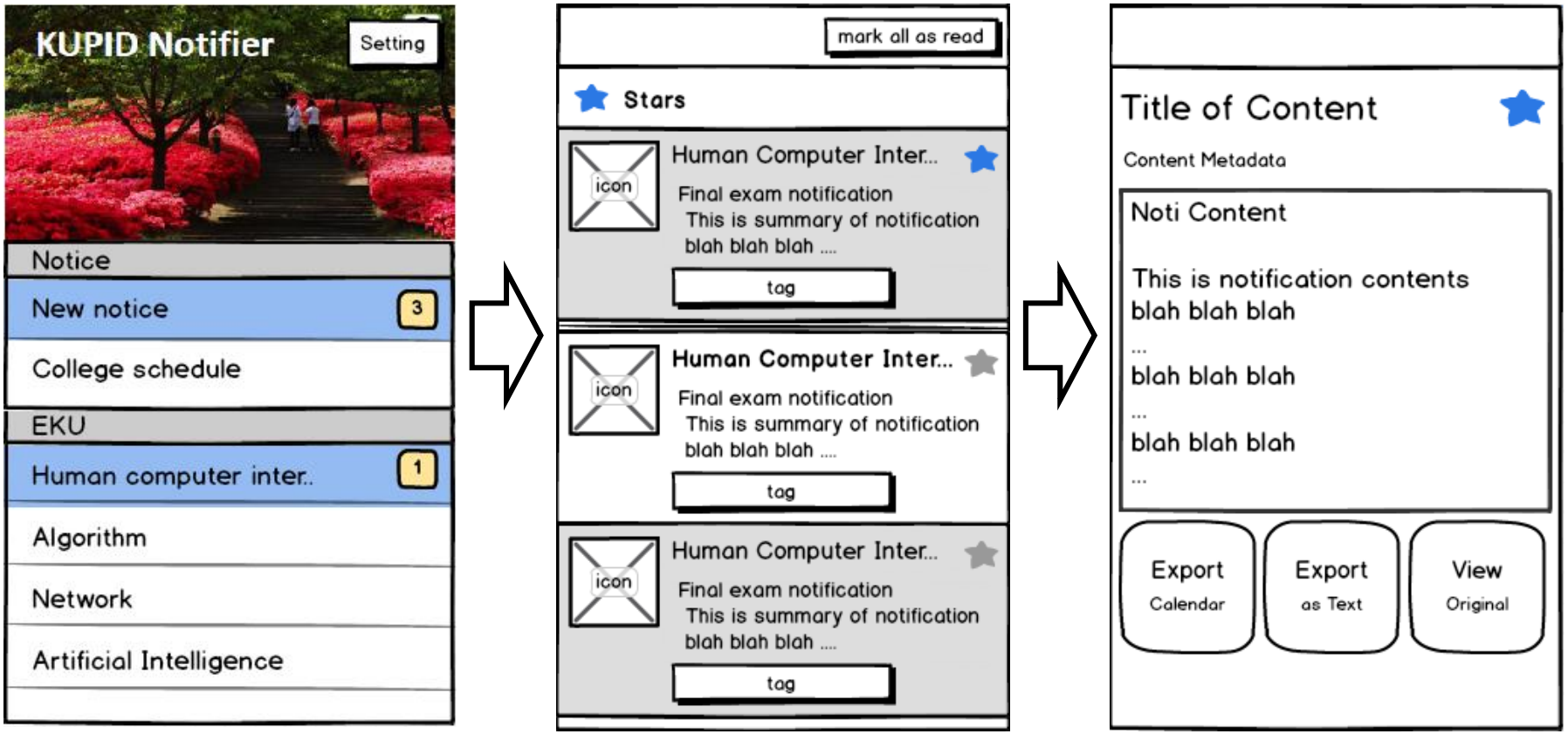


New Notification Arrived

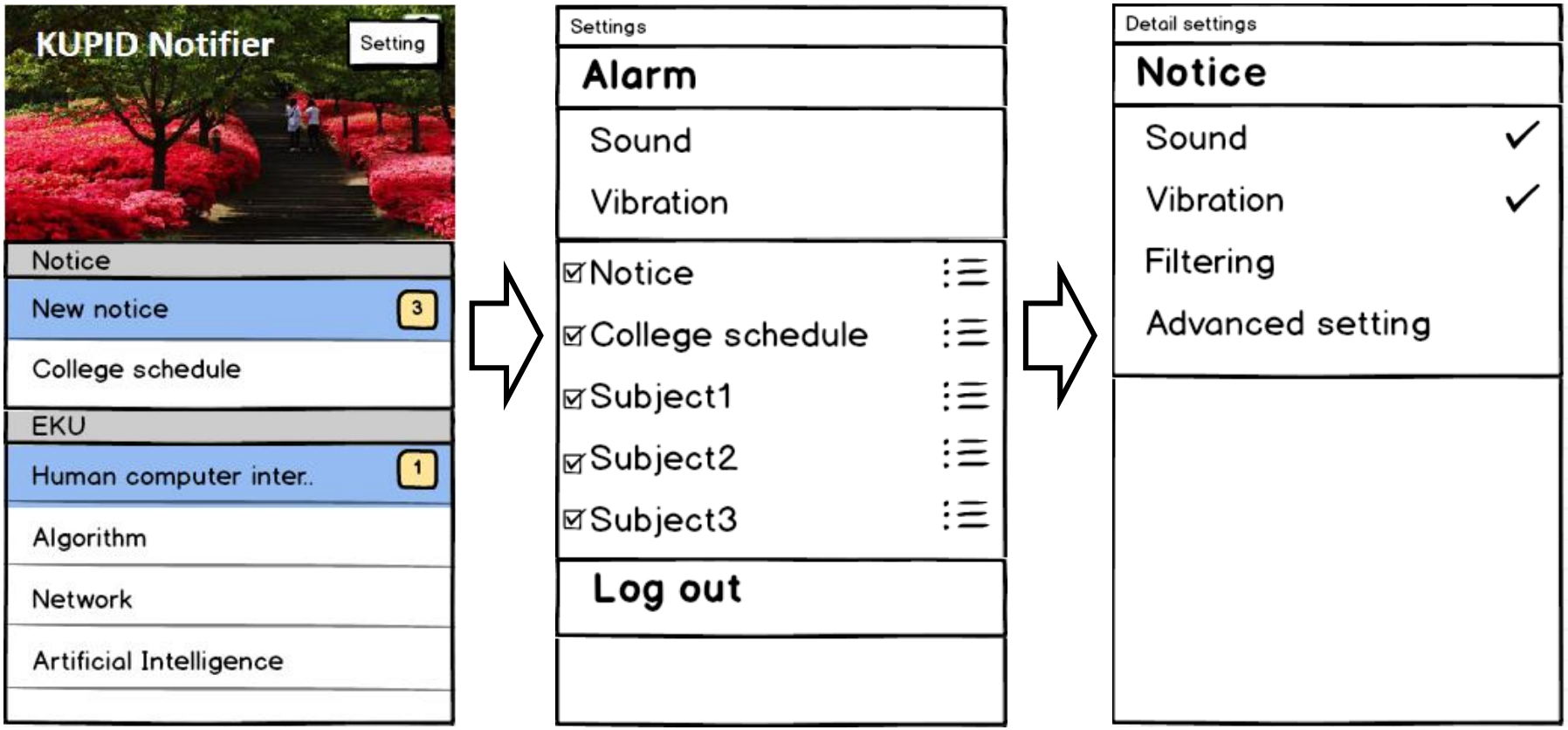
UI Overview #1 (revisited)



UI Overview #2 (revisited)

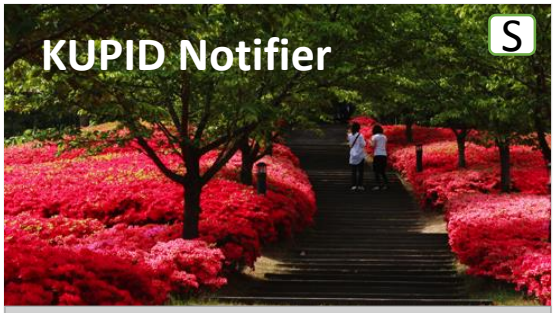


UI Overview #3 (revisited)



Scenarios

User Scenario #1



Notice

공지사항 3

학사일정

EKU

인간과 컴퓨터 상호작용 입문 1

영화와 언어

역사는 어떻게 서술되는가?

Action Bar

Human Computer inte…

Title of Notificaiton

This is summary of notification blah blah blah. This is summary

HCI Catgory

Title of Content Blah

This is summary of notification blah blah blah. This is summary of notification blah blah blah

HCI Catgory

Title of Content Blah

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HCI Catgory

Title of Content Blah

This is summary of notification blah blah blah. This is summary of notification blah blah blah

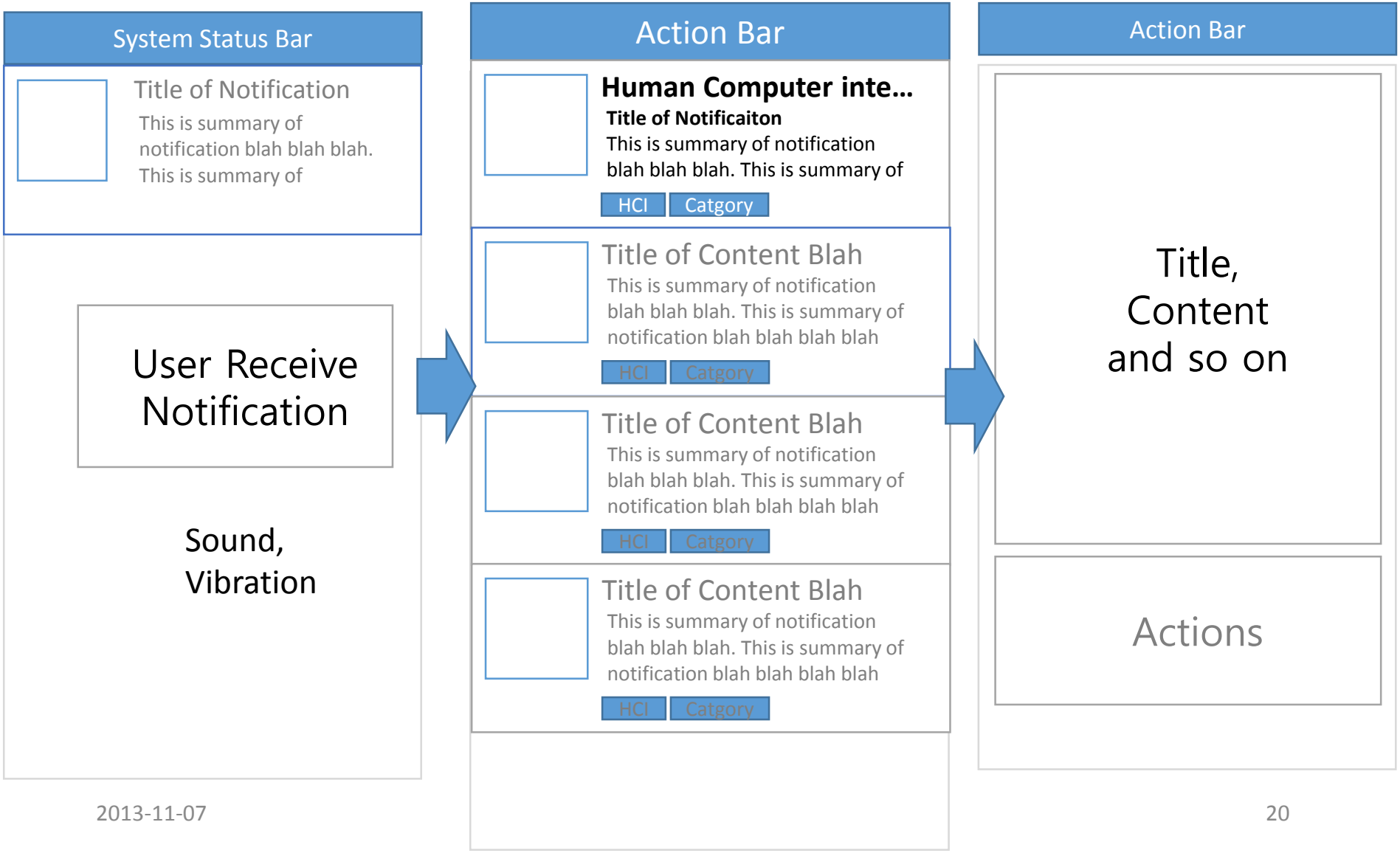
HCI Catgory

Action Bar

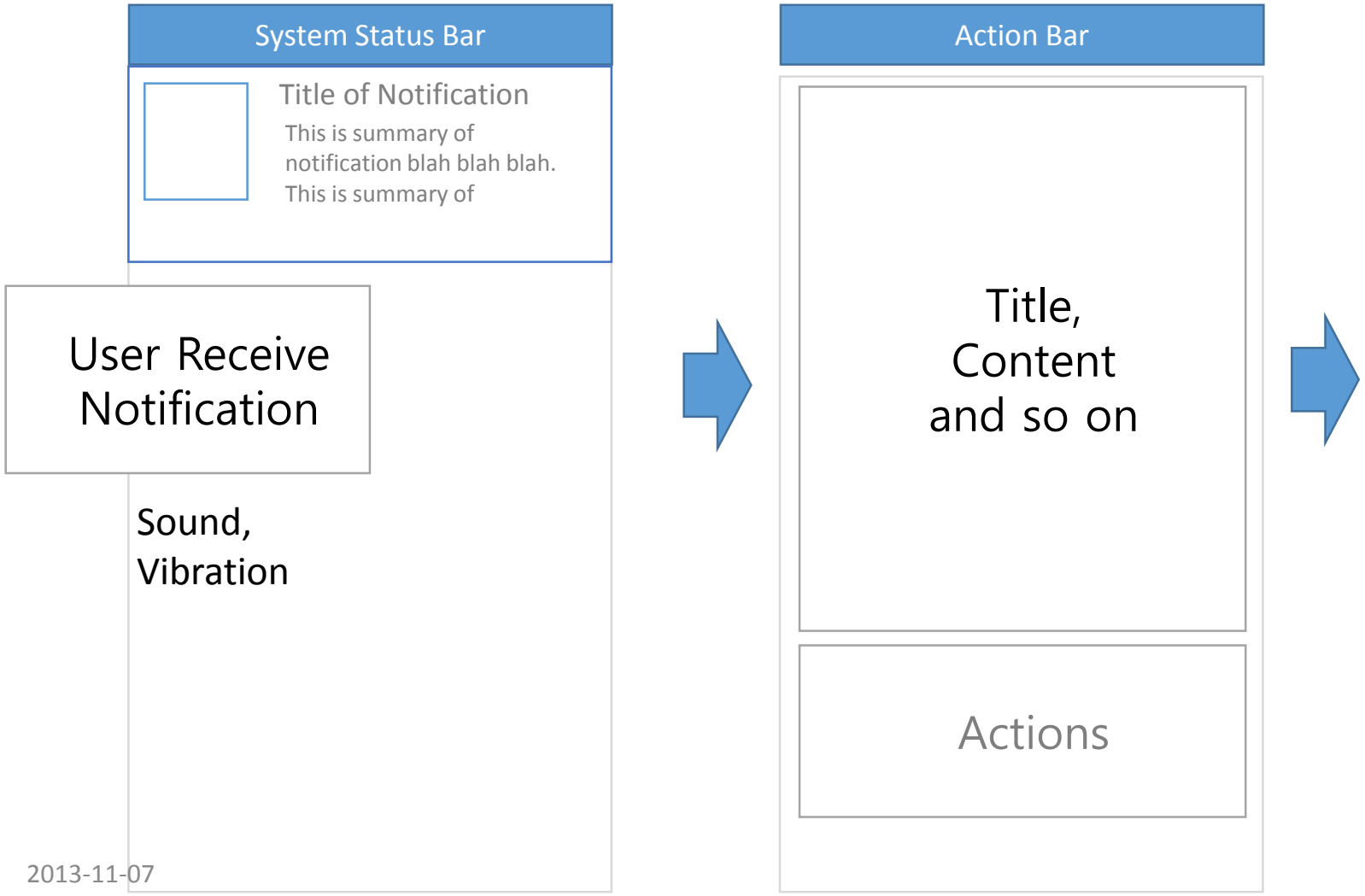
Title, Content and so on

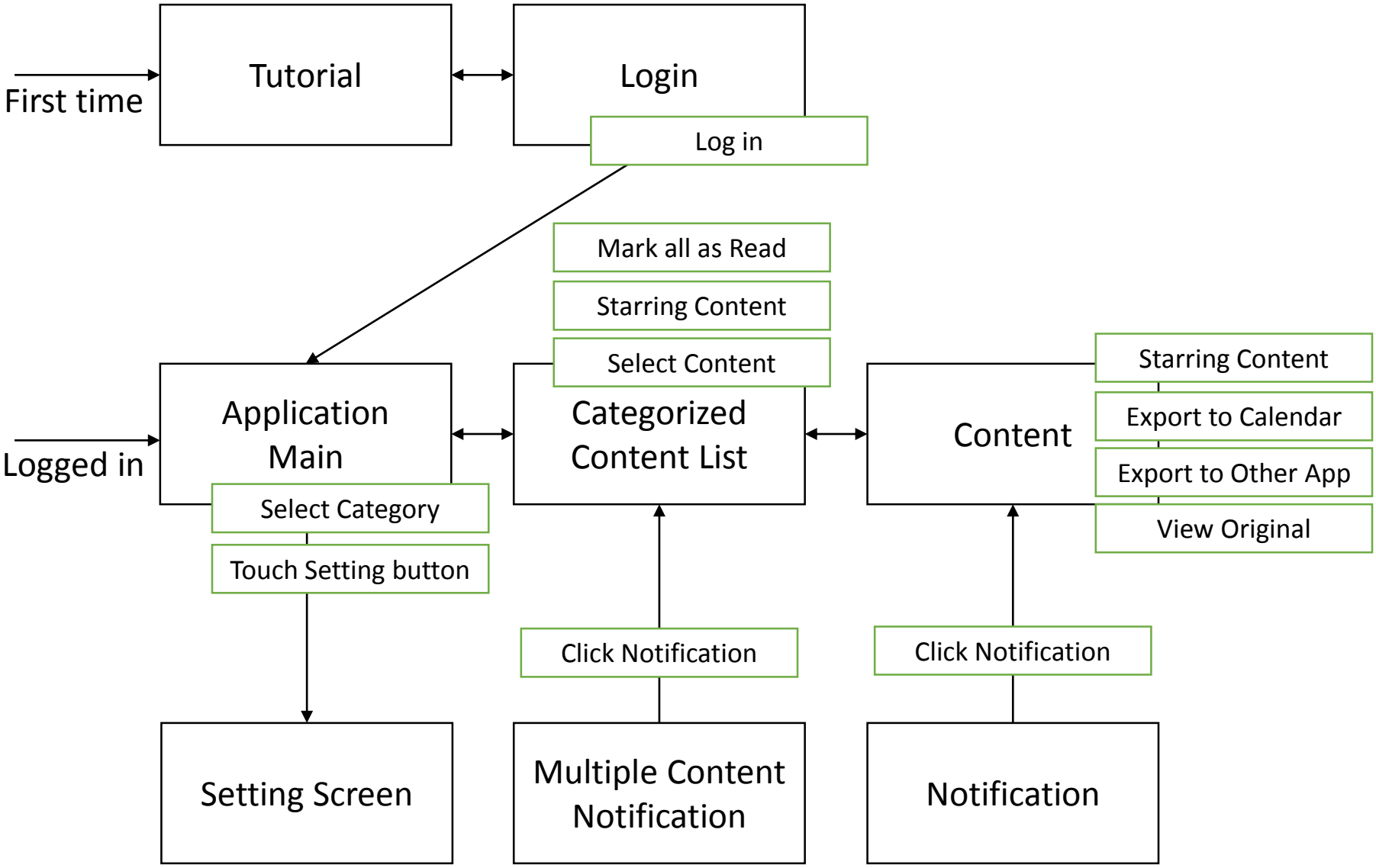
Actions

User Scenario #2



User Scenario #3

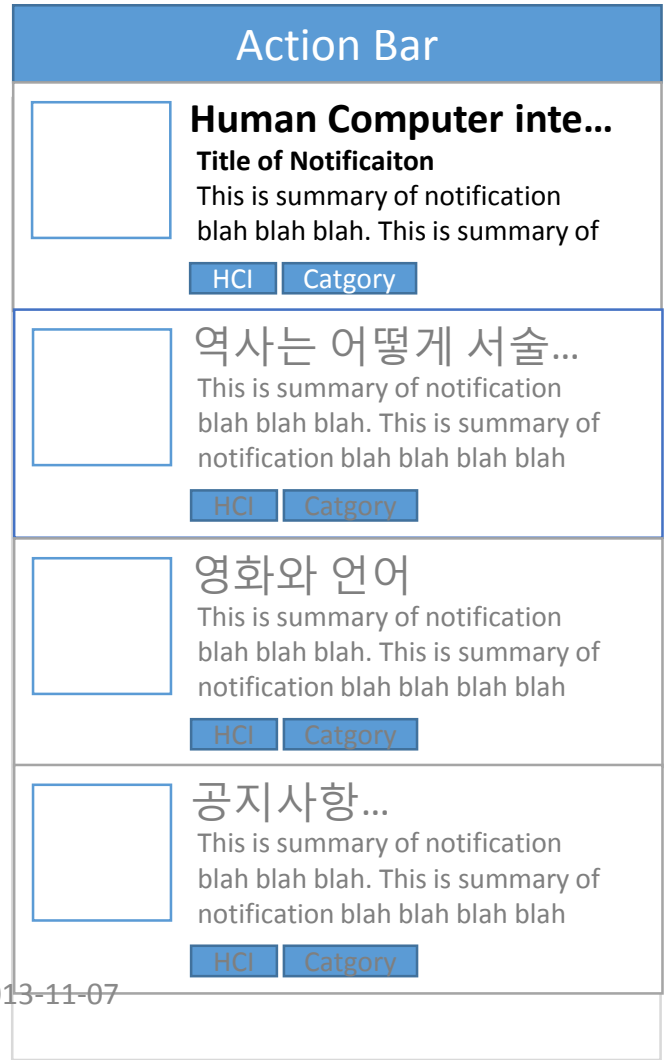




New Notification Arrived

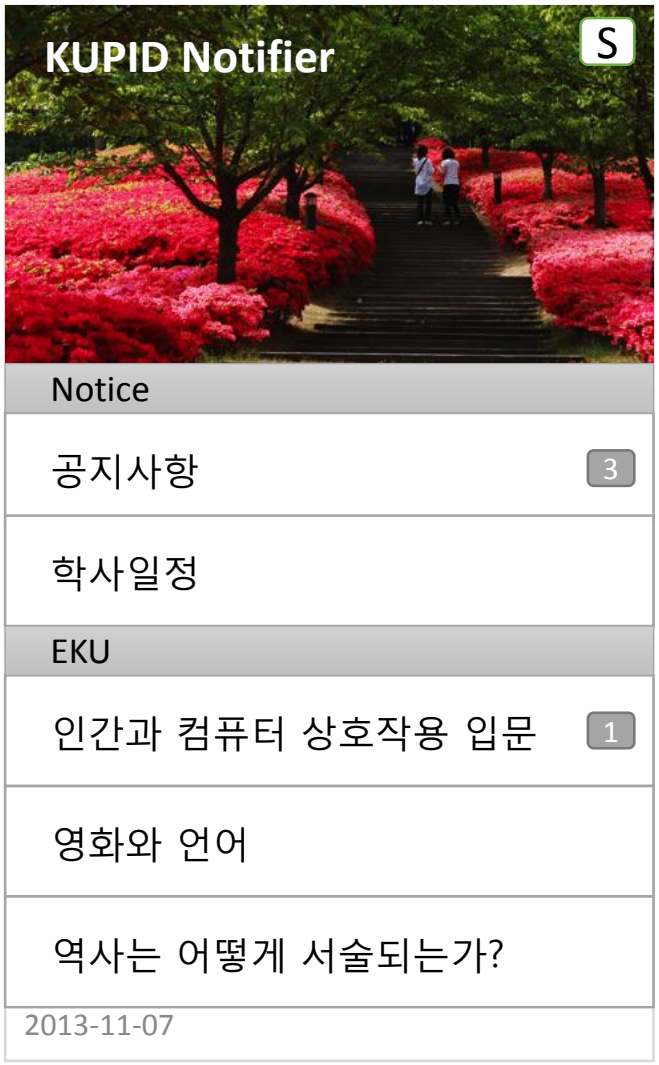
Decisions
(Interface Selection)

Action Bar



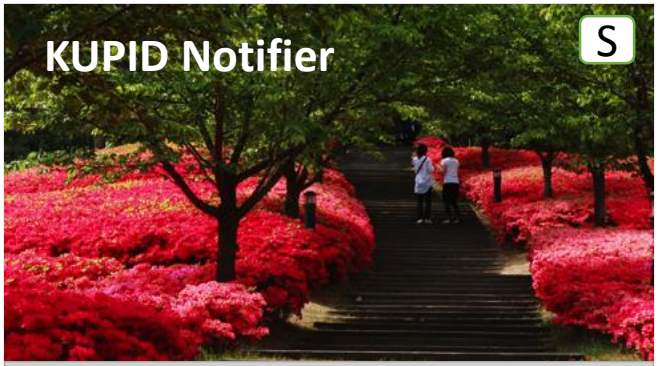
- ActionBar style is recommended by Google
- For Consistent experience for android users.

Header Image



- Header Image in ListView is not anti-pattern of Android system
- Header Image style is also used in Music app developed by Google
- We choose Header Image to put category list in bottom of the screen
- This is because user's thumb is not so long but screen size of the devices became bigger and bigger

Structured vs Notification only



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Action Bar

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HCI Catgory

영화와 언어

This is summary of notification blah blah blah. This is summary of notification blah blah blah blah

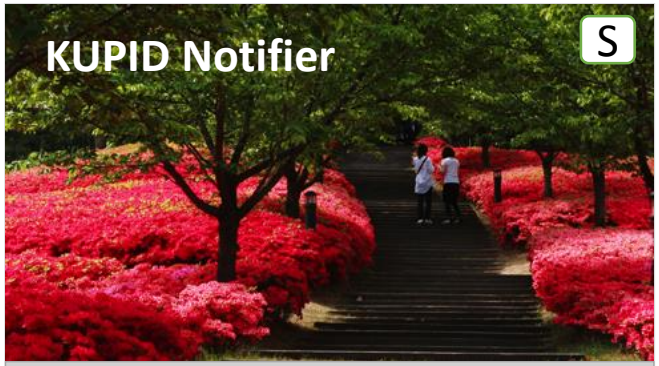
HCI Catgory

공지사항…

This is summary of notification blah blah blah. This is summary of notification blah blah blah blah

HCI Catgory

ListView vs GridView



Notice

공지사항 3

학사일정

EKU

인간과 컴퓨터 상호작용 입문 1

영화와 언어

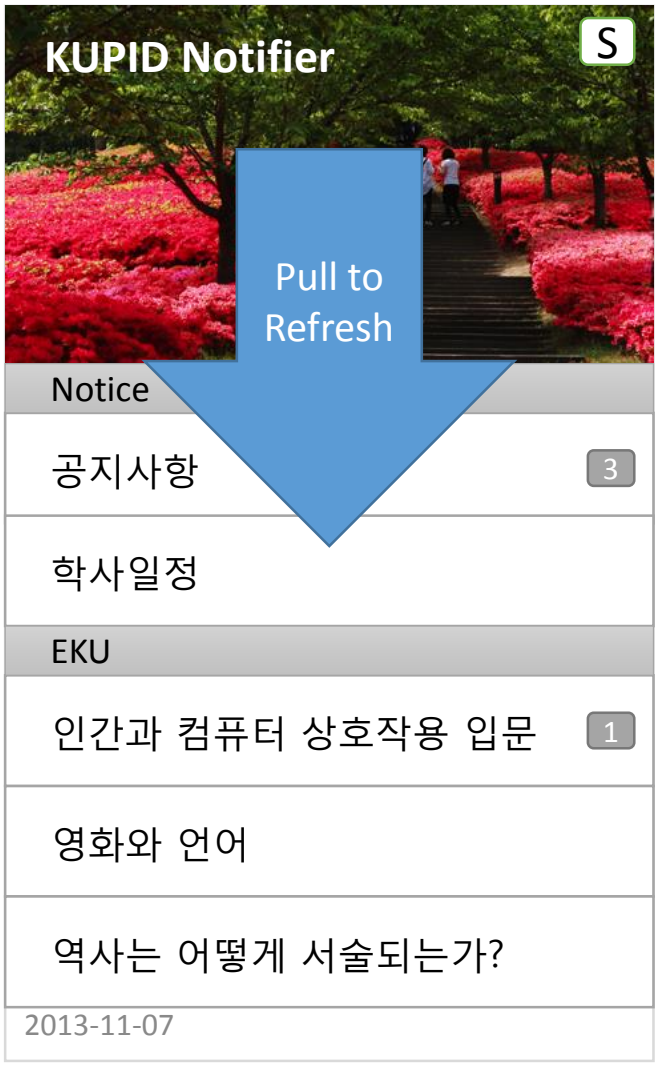
역사는 어떻게 서술되는가?

VS

KUPID Notifier S

공지 사항	학사 일정	과목1
과목2	과목3	과목4
과목5	과목6	

Pull to Refresh



- Pull to refresh is common pattern in Android applications
- We choose Pull to refresh to get consistent experience for android users
- It is also easy to refresh screen with thumb in bigger size of device

Settings

Enable Notification [v]

Sound
Vibration
---
[v] Notice s
[v] Schedule s
[v] Subject1 s
[v] Subject2 s
[v] Subject3 s

Logout

VS

Enable Noticiation

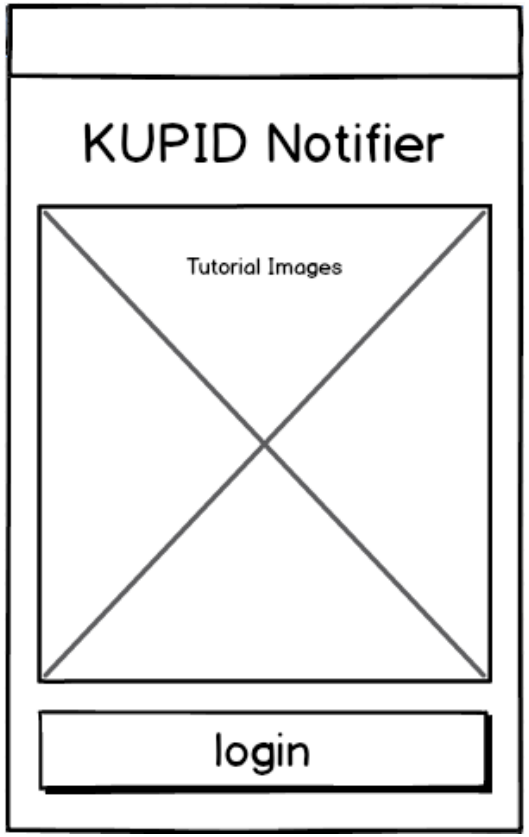
Sound
Vibration

Filtering

Logout

Interface Design

Tutorial

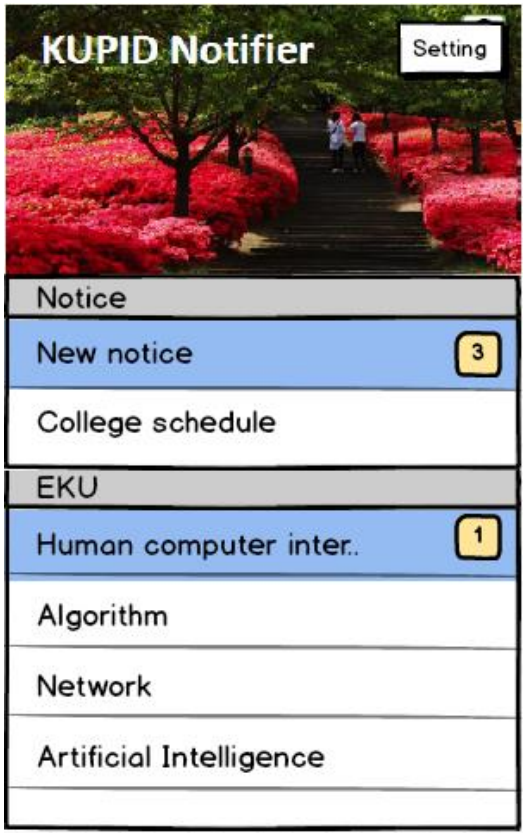


- User can see tutorial of the application
- Tutorial contains several description of the app
- User can swipe to see other tutorial
- Tutorial is added for help user to use this app easily

Login

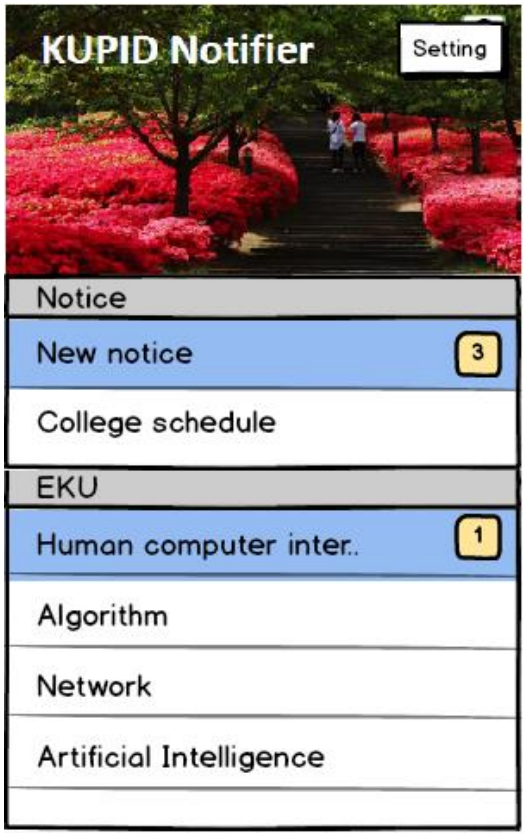
- User can log in with KUPID account
- Description about login for user to understand how app manage id/password secure
- We'll use color similar to color in guideline in site of Korea university : http://www.korea.ac.kr/content/K/K5_8.jsp

Category List



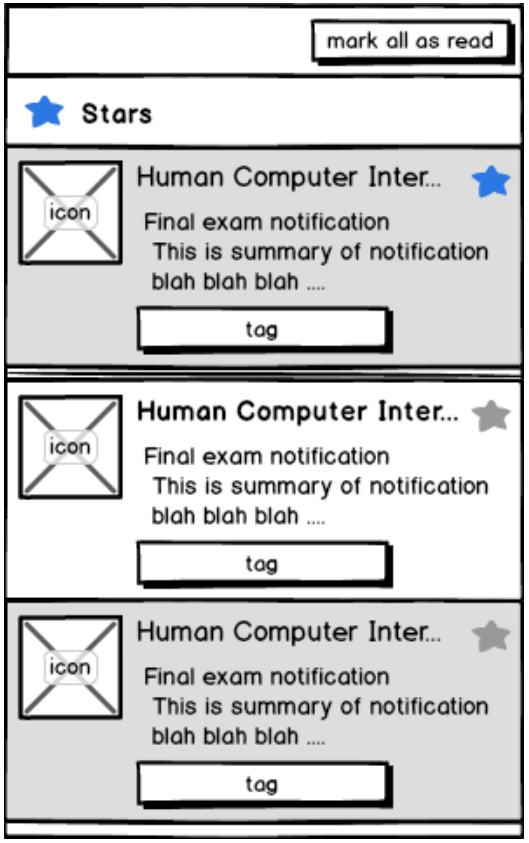
- Header Image is for gives user better experience in bigger size of device.
- We shows new notification count right-side of the item.
- Background color of the item is normally gray.
- Background color of unread item is white to emphasize it is not read.
- Text of unread item is bold to emphasize.

Category List (Cont'd)



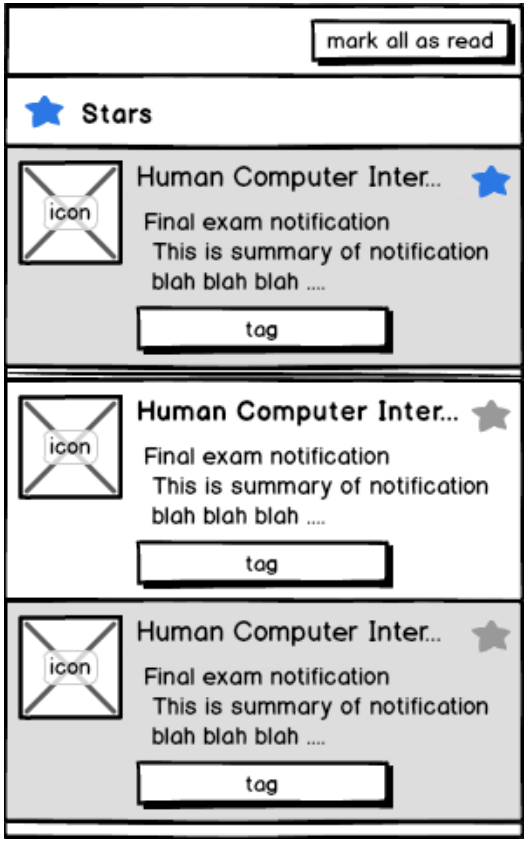
- Header image disappears smoothly according to position of items on the list.
- After header image disappeared, ActionBar appears and it's color is crimson red.
- Setting button is in ActionBar (guideline of android)
- Separator between EKU and Notice category to easy to recognize different type of notification group.

Content List



- Color of action bar is red, which is similar to represent color of the Korea University.
- Background color of the item is normally gray.
- Background color of unread item is white to emphasize it is not read.
- Text of unread item is bold to emphasize.
- Each item has icon for easiness to recognize type of the notification.
- Each item has several metadata which can easily extensible for any kind of notification type.

Content List

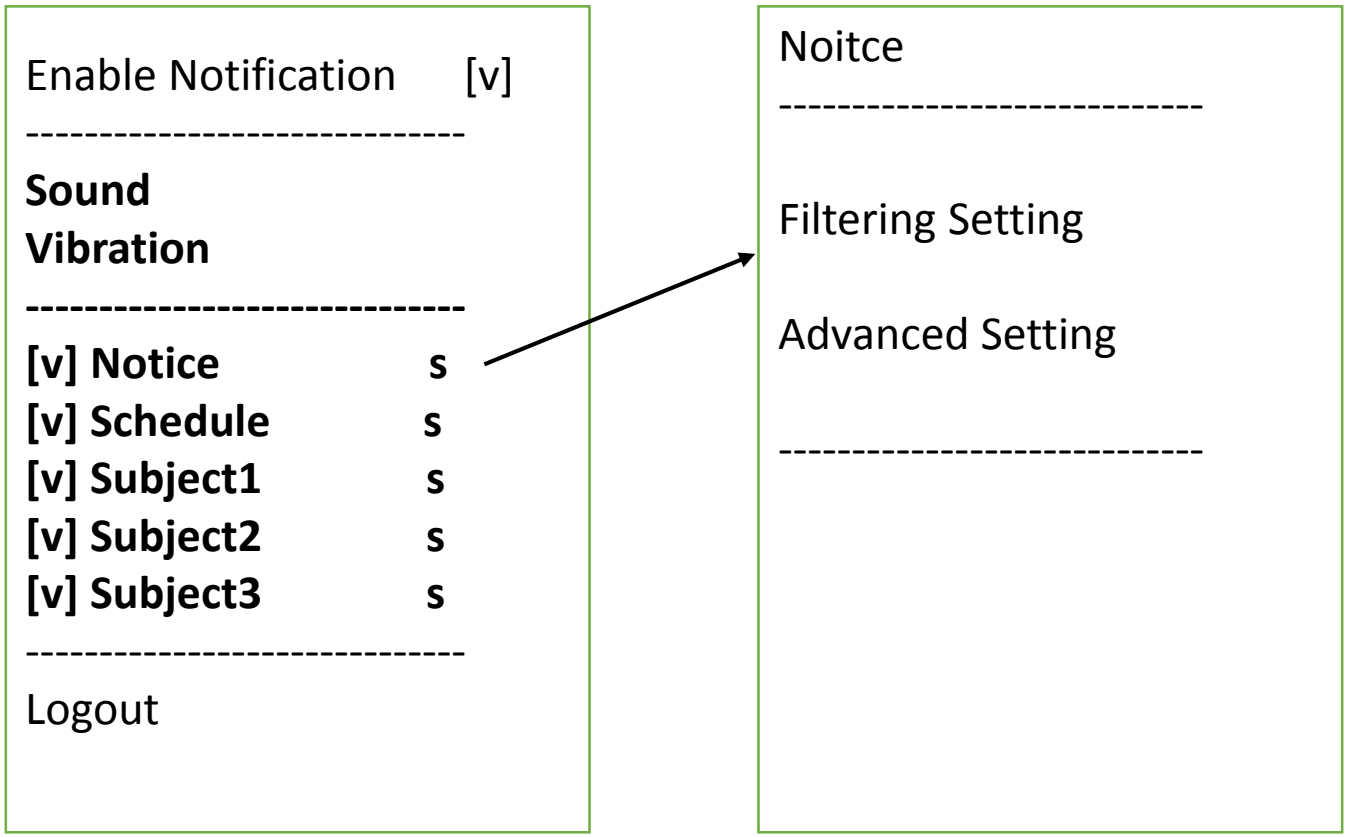


- If user star the content, It is accumulate on top of the list
- Starred list will folded initially, only shows how many starred notification.
- If user click button, starred list will appears.
- User can easily mark all as read by button on ActionBar.
- Mark all as read button should not be easily touched so we put this on top of the screen.

Content

- We place action buttons in below of the content.
- It is for user to see the content first and decide what to do on content.
- It is exactly same with user's common action.
- It is also extensible to add new action for content.
- Each action button contains icon to easy to recognize what the action of the button.

Settings


Enable Notification [v]

Sound
Vibration
---
[v] Notice s
[v] Schedule s
[v] Subject1 s
[v] Subject2 s
[v] Subject3 s

Logout
Noitce

Filtering Setting
Advanced Setting

Notification

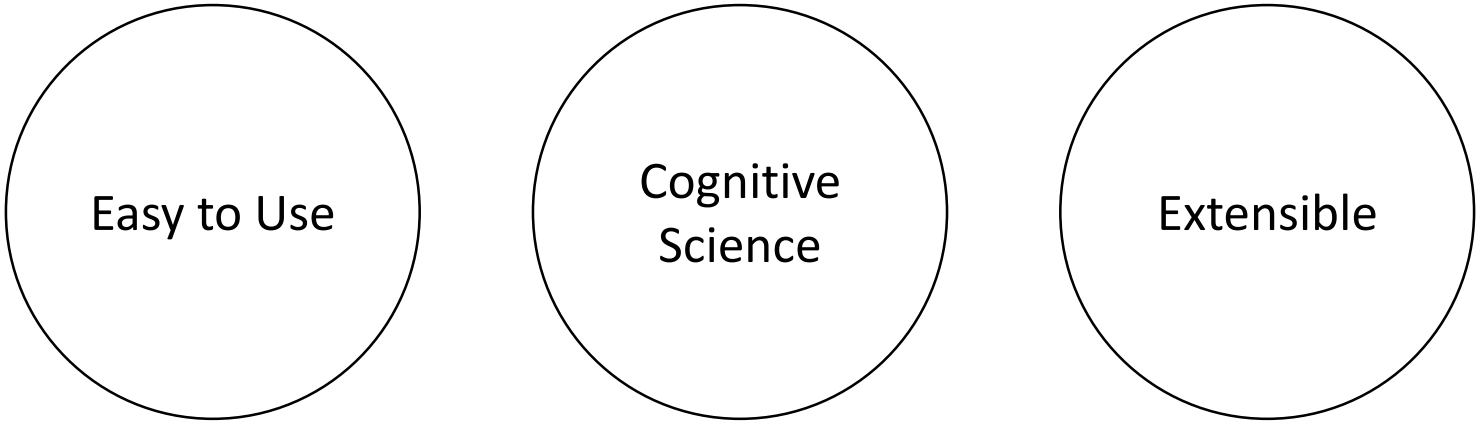
- Follow guideline of Android System.
- Sound: user can choose from system sound
- Vibration: user can choose how insanely vibrate on arrival of notification. (Kind of Easter egg)

Haptic Feedback

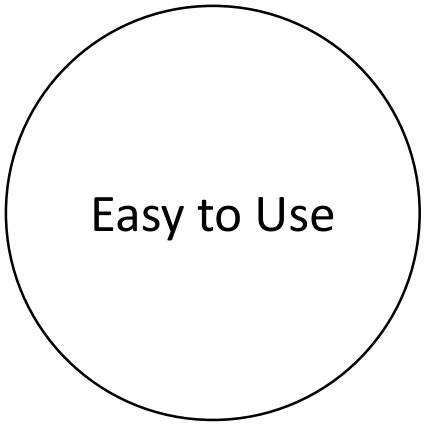
- Haptic feedback will be follows configuration of the Android system.

Design Principle

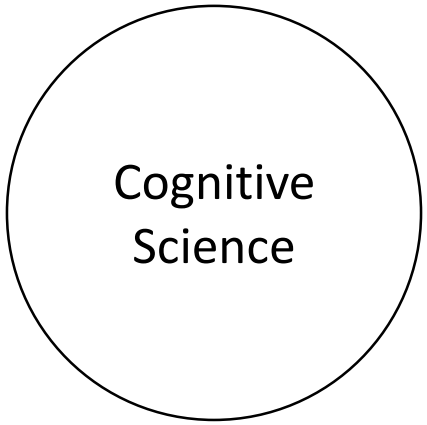
Design Principle



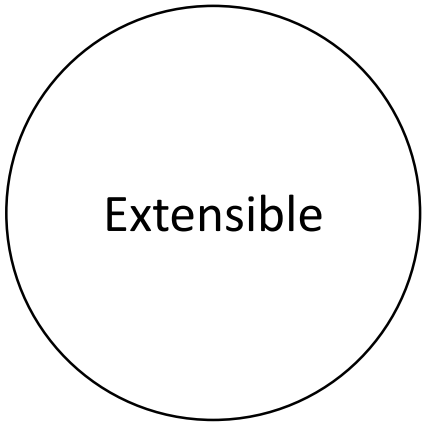
Design Principle



- Few steps
- Designed for normal person who don’t have long thumb



- Crimson red
- Structured
- Button which is not using many times is on top of the screen



- Consistent
- Abstraction

Thank You