

Team1

# iDecide

Recommend Laptop for Tech Newbies



# CONTENTS

- PART1 Overview
- PART2 Goals & Methods
- PART3 Team & Strategy
- PART4 Plan & Effect

PART 1

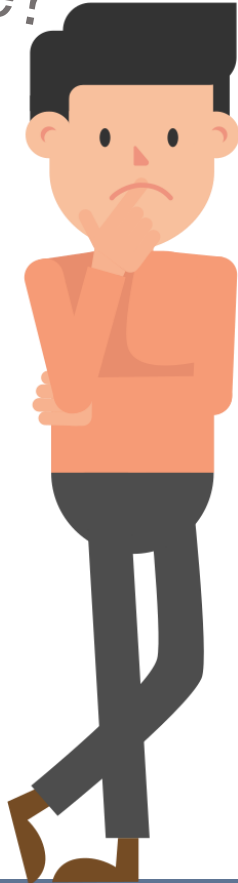
# Overview

Manufacture?

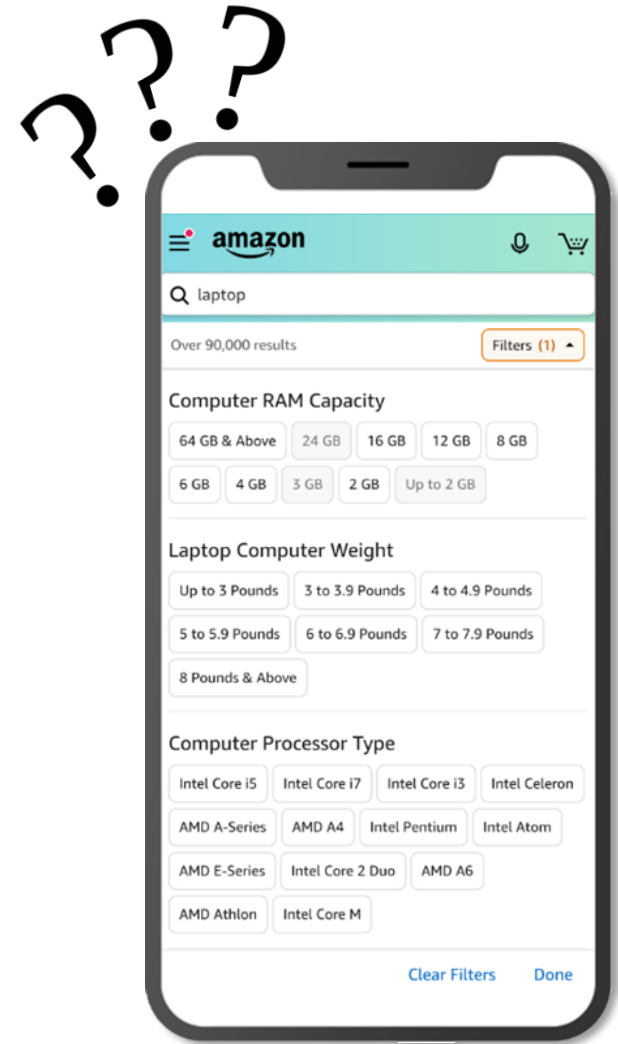
CPU?

GPU?

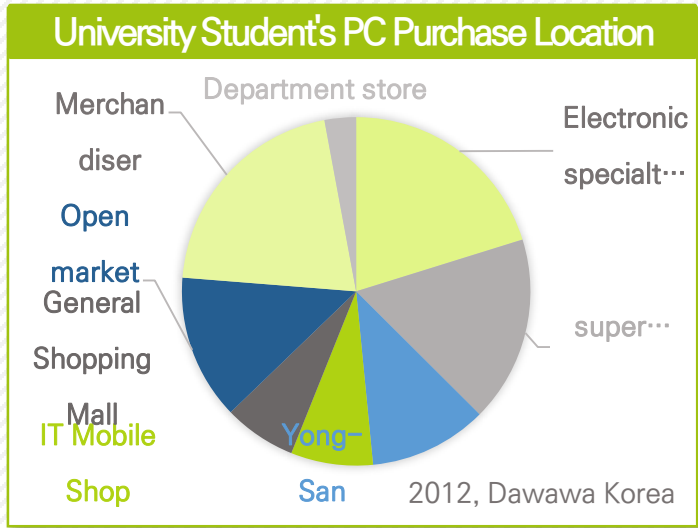
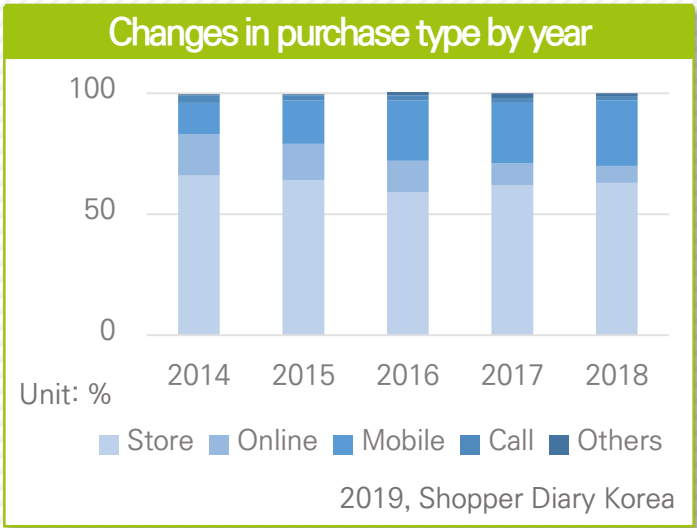
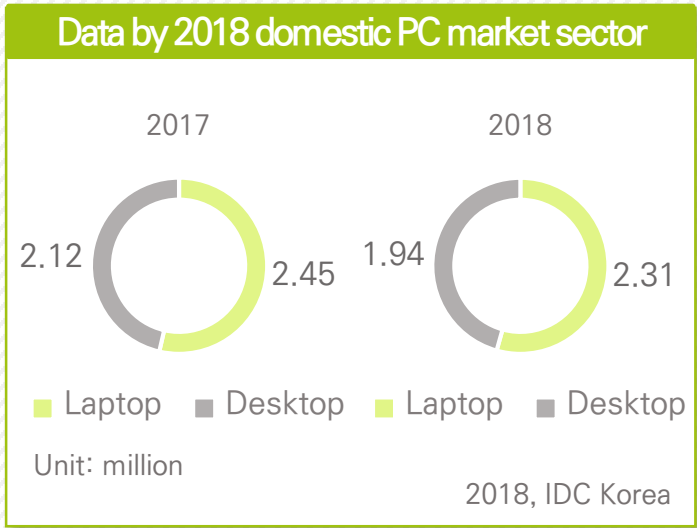
RAM?



Headache...!  
What should I buy?

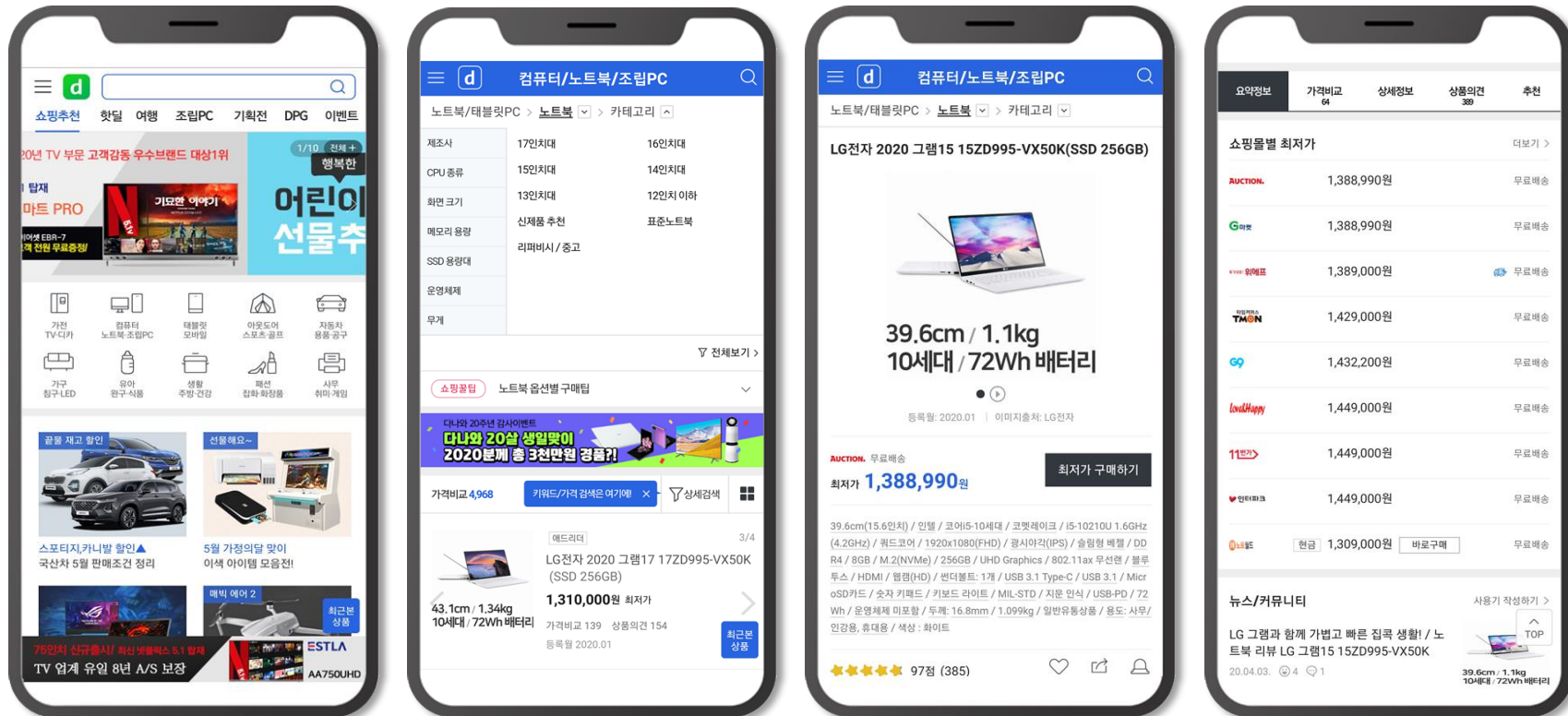


People who don't know about the spec want guide to select laptop



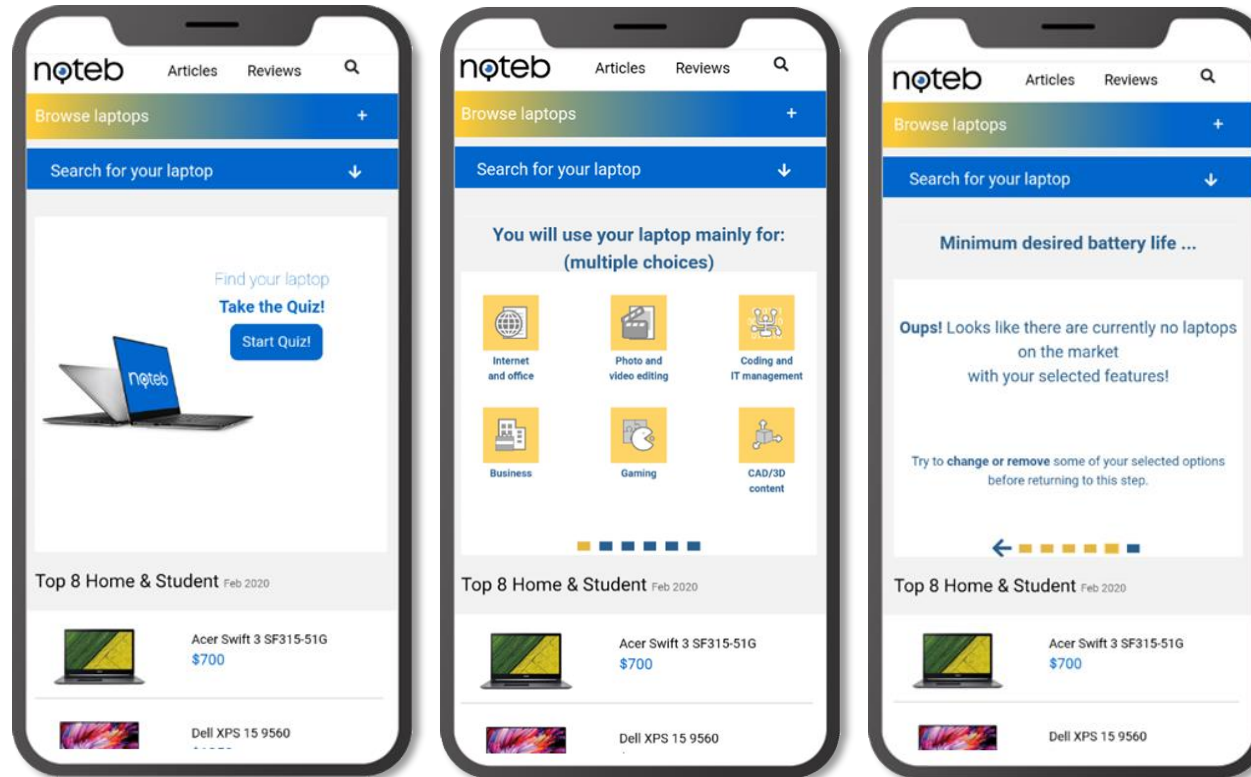
- More people are buying things on mobile than offline
- The proportion of notebooks in the PC market is increasing more than the desktop
- When choosing a laptop, too much terminology comes out
- There are many people who don't want to know computer terminology but want to buy a laptop with high price/satisfaction.
- As the number of laptop types increases and the new product launches faster, many consumers lack the capacity to carefully evaluate performance, quality, and AS.

### Case1. danawa



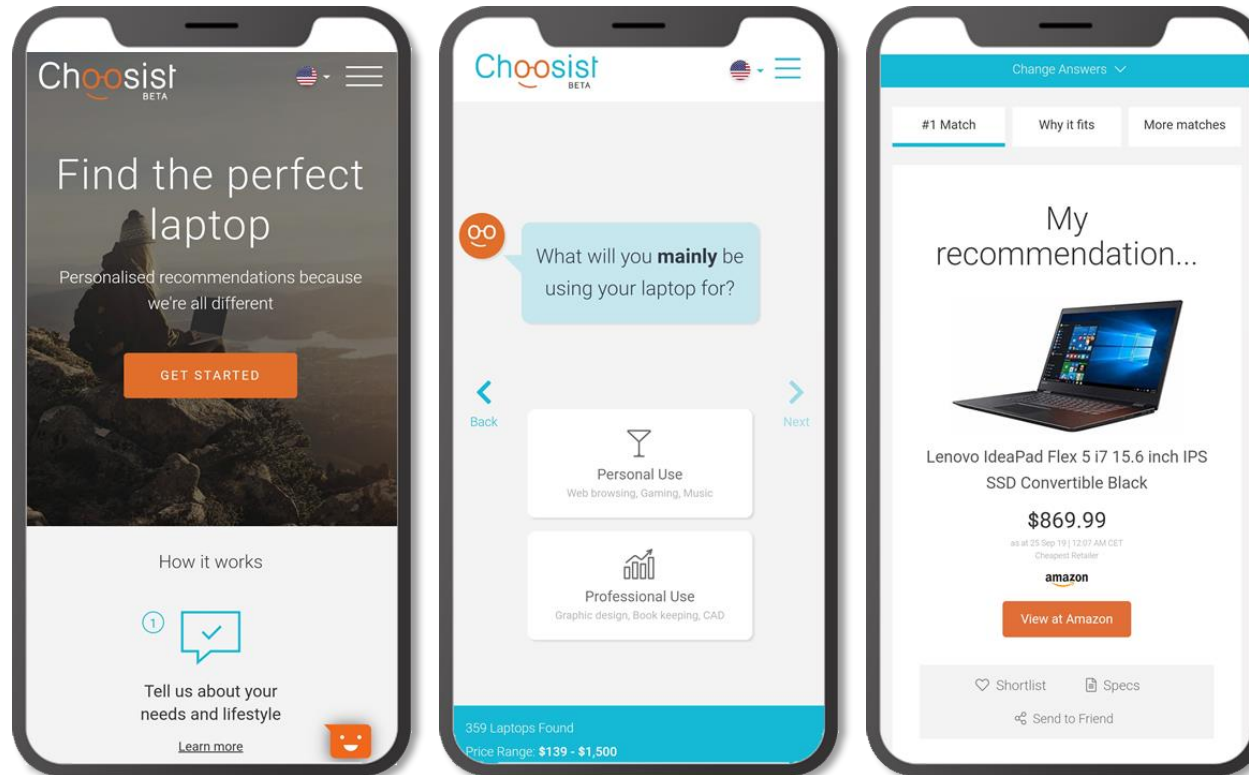
**Lots of technology terms. Good for experts, but not for newbies**

Case2. noteb



***Have to answer lots of questions and got no result***

Case3. choosist



***Good, but it does not support the Korean market***



Development Status						
#	Name	Easy UI	Least of technological term	Good recommendation	Sort by lowest price	Direct purchase
1	noteb	O	X	△ List of recommendation. Sometimes no answer.	O	X
2	danawa	X Too many subjects. Lots of advertising.	X	O Several filters.	O	X
3	choosist	O	O	O	X	X Direct delivery to Korea is not allowed.
4	Our system	O	O	O	O	O

PART 2

# Goals & Methods

# *“Get the Best Laptop with the Least Clicks!”*

Helps those who are not familiar with computer terminology find the best suitable notebook with little effort



## “Get the Best Laptop with the Least Clicks!”

Building an algorithm that filter devices according to prioritized that customers consider as important

Comparing multiple devices added in the bucket

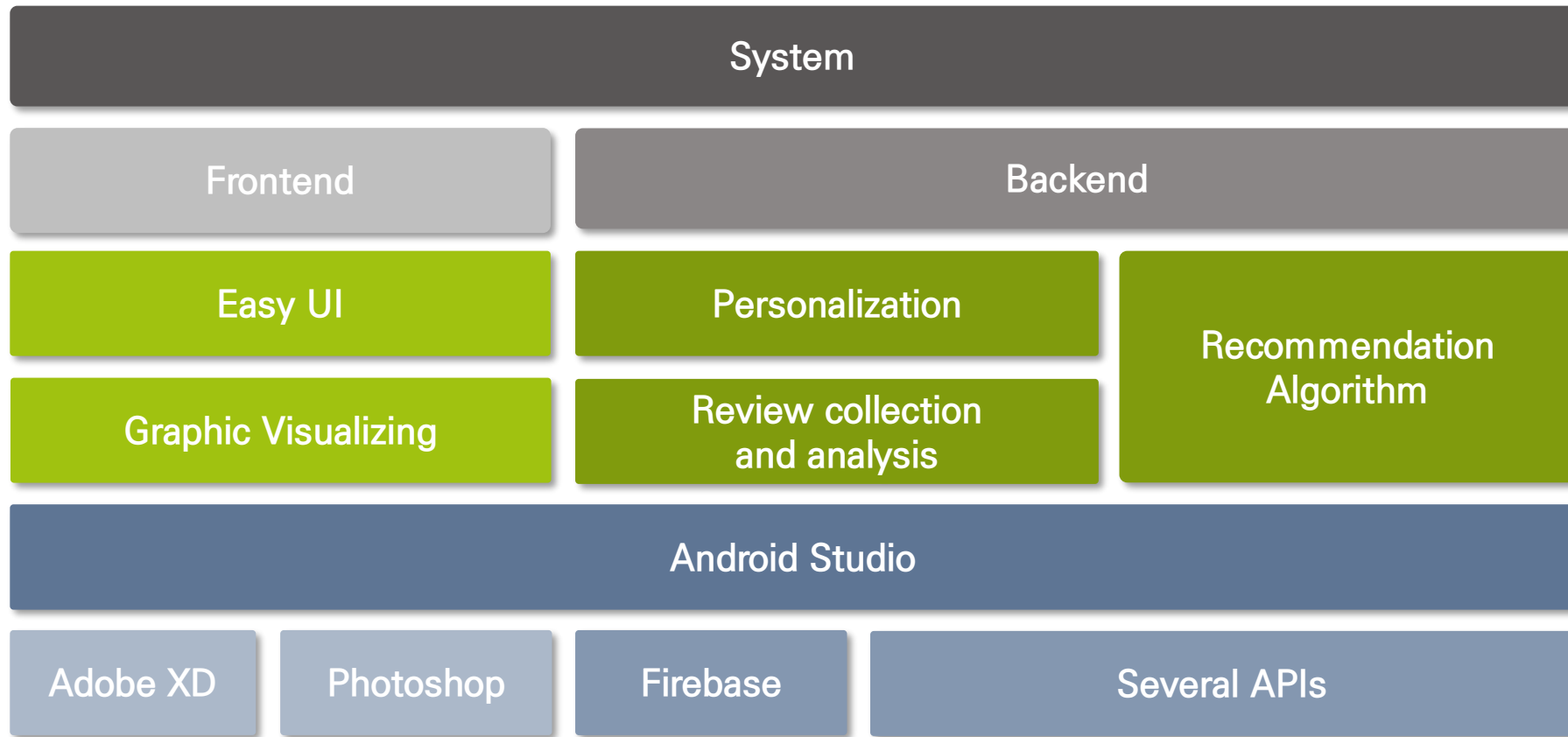
Enabling users to easily see other people's review

Providing a graph visualizing the distribution of practical usage of a device

Collecting various practical usage and providing it to customers for their further consideration

Informing users the estimated price of recommended options in lowest

Explaining difficult technological terms easily





Frontend tools for our App



**Adobe Photoshop**

For designing icon



**Adobe Xd**

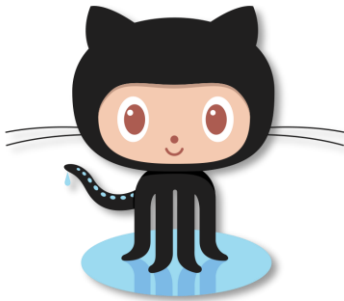
For designing UI/UX & structure



**Android Studio**

For importing UI/UX in application

Backend tools for our App



**Github**  
For opensource



**Firebase**  
For server

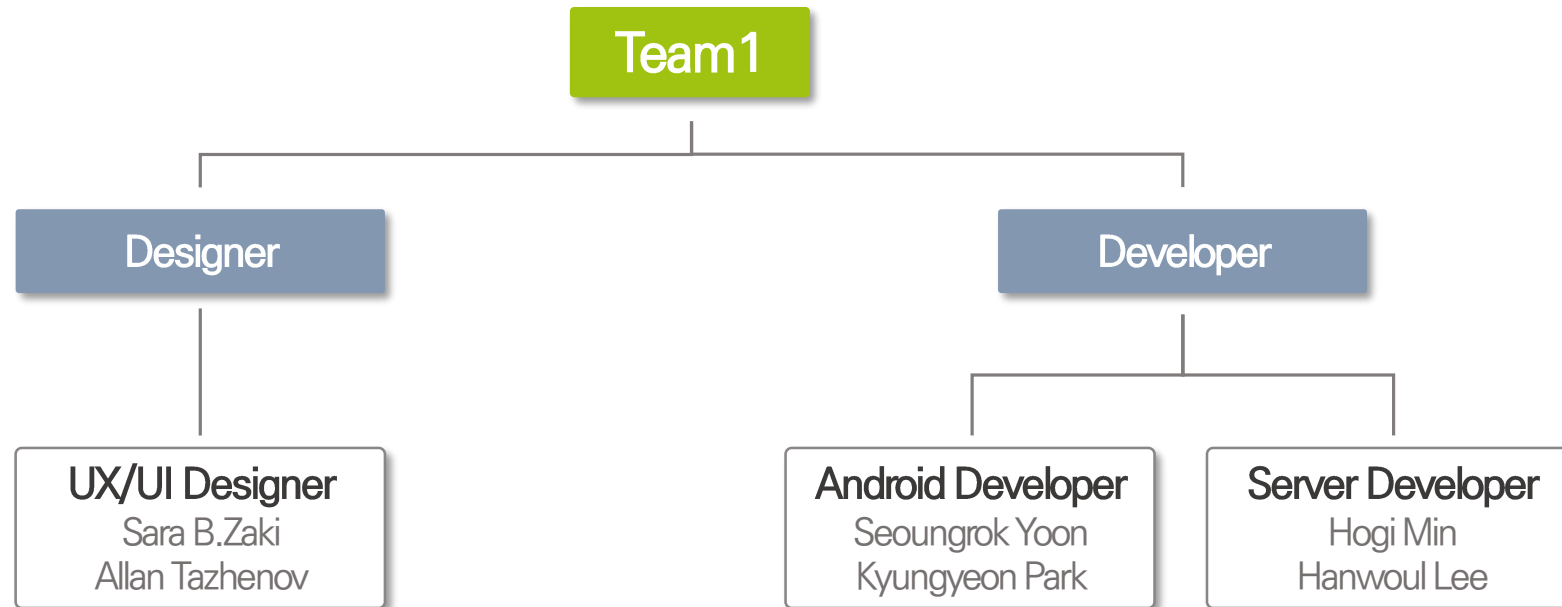


**Android Studio**  
For developing application



PART3

# Team & Strategy



### Design

**Sara B.Zaki**

- UX/UI designer
- Design our application

**Allan Tazhenov**

- UX/UI designer
- Import design to android studio

### Server

**Hogi Min**

- Control our server
- Connect our application and the server

**Hanwoul Lee**

- Control our server
- Develop recommendation algorithm



### App develop

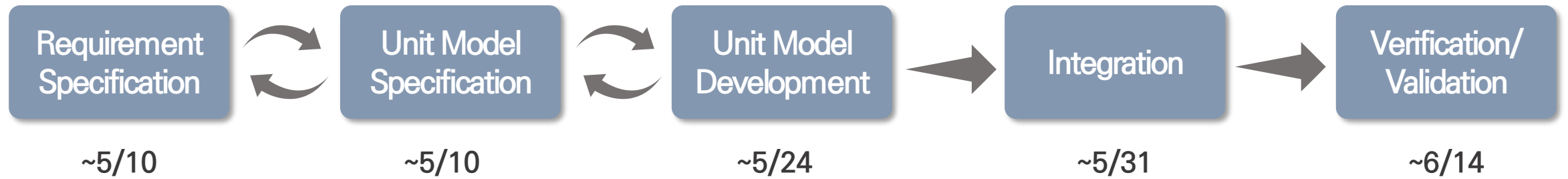
**Seoungrok Yoon**

- Develop android application
- Helping other parts

**Kyungyeon Park**

- Develop android application
- Helping other parts
- Team leader

Schedule for Team 1										
#	Contents		Timeline							
			4/20~ 4/26	4/27~ 5/3	5/4~ 5/10	5/11~ 5/17	5/18~ 5/24	5/25~ 5/31	6/1~ 6/7	6/8~ 6/14
1	Requirement Specification									
2	Design	Architecture								
3		Define Class								
4	Implement	Component								
5		Integration								
6	Code Review									
7	Testing									
8	Prepare Final Presentation									

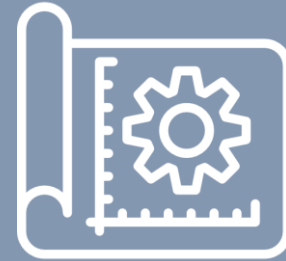




Quantitative evaluation of goals			
#	Evaluation indicator	Quantative	Importance
1	Accuracy testing to make sure it really recommend the right input	95% ↑	15%
2	UI / UX user evaluation	80% ↑	25%
3	Search speed	4 sec ↓	10%
4	Can people understand easily	90% ↑	25%
5	Expert verification	90% ↑	25%



Technical documents

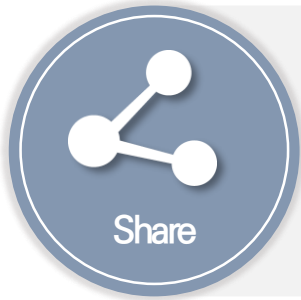


Software prototype



PART 4

# Plan & Effect



- Extensible to a platform that matches other people with things share the item
- For example, someone with a 3D printer can print a model instead and get money



- Expandable to a platform that not only laptops but also recommends cars and matches the lowest seller



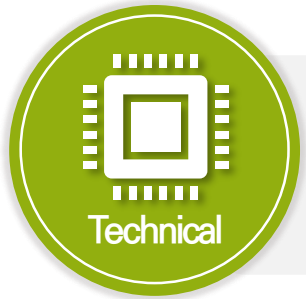
- It can be extended not only to things, but also to a platform that finds people
- For example, can be used to find someone to teach programming



- It can be extended to a platform that recommends not only laptops, but also other electronic devices such as tablets, keyboards, and mouse



- Even those who have no knowledge of computer components can choose a laptop with low cost and high efficiency
- Satisfaction rise through purchasing and using a laptop that meets the purpose



- Retain recommended algorithm technology
- Suggestion of algorithms that can be used in recommending devices other than laptops



- Can buy a laptop for the purpose one's want at the lowest price
- Can be purchased through a mobile phone without going away
- Don't have to waste time looking for a laptop.

**Thank  
You**

