PORTFORLIO

LOLITALK

BIN

SAFERELLA

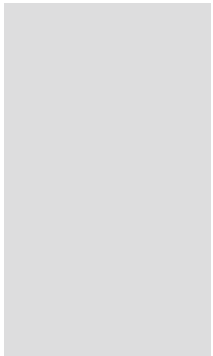WORKS ABOUT UX

BINS
Make garbage classification popular.

Litter in different places

RESEARCH AND ANALYSIS

At present, the management level and technical level of material recycling industry in China are far behind the development of social and economic forms. In recent years, the state owned material recycling channels have shrunk, the management of private materials recycling channels is chaotic, a large number of recyclable materials are wasted, some recyclable hazardous waste (such as waste batteries, etc.) has been discarded because of no economic benefits so as to pollute the environment.

In June 2000, the Ministry of construction, Beijing city pilot selected Shanghai, Guangzhou, Nanjing, Shenzhen, Hangzhou, Xiamen and Guilin as the 8 city garbage collection, carrying out garbage collection to try and explore, for over 10 years, and many of the city to carry out various forms of garbage classification pilot collection, but the final results are not obvious. At present, most cities in China still adopt the "mixed collection" mode of garbage

BEHAVIOR ANALYSIS

I interviewed 3 different groups and analysized their behavior of dealing with the garbage.And each group has its own way.

	University Students in Dormitory	Residents in the Community	Workers in the office
MAIN TYPES OF WASTE			
COLLECTING METHODS & HOW TO THROW AWAY	Put paper and boxes together, sometimes tie it up together.Then they will put the papers in the corner of the water room.	Kitchen wastes and some other plastic products are often put together, and finally thrown away in the bins in the community.	Workers who have lunch in the office will throw the food, drinks, boxes and some other waste into the rubbish bin together.
	All of those waste will be in the bags of the dormitory directly. And then students will throw them away into the big bin in water room of each floor.	Paper and bottles are classified, and some families will sell them to the person who recycle, but most of them just put them together besides the bins.	Officers will put these used papers besides the bins.
		Most of the residents will put them in a box and put it besides the bin.	
		80 percent of the residents give the clothes to the person they know. The rest of them throw the clothes in the bins directly without being classified.	
MAIN PROBLEMS	The water room will become a mess till night, and the cleaner have to clean it for a long time. Its bad smell and the mess makes most of the students feel uncomfortable.	There is no place to put defferent kinds of waste in. Usually, there is only 1 or 2 bins and you just need to put all your litter in the only bin without classifying.	There are no big problems because workers do not produce that much rubbish, but after lunch, the smell of food will lasts until the cleaner clean it.

What do other countries do about garbage classification

Garbage management company is a well-known garbage collection and transportation company in the United states, each community regularly send the person responsible for the removal households out of garbage classification.

In Japan,the new occupants will soon receive a copy from the local cleaning the garbage and throw garbage in the guide the date, and all kind of details aboutgarbage classification,

In Germany, according to the household density of the residential building, the garbage company determines the size of the garbage bin and determines the cost of the garbage disposal which the residents need to pay.

America   **Japan**   **Germany**

EXTRCACT MAIN IDEAS

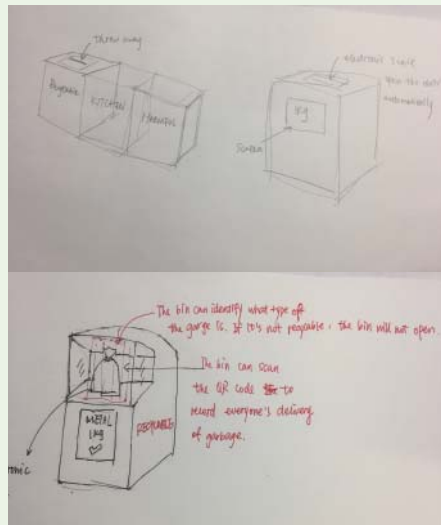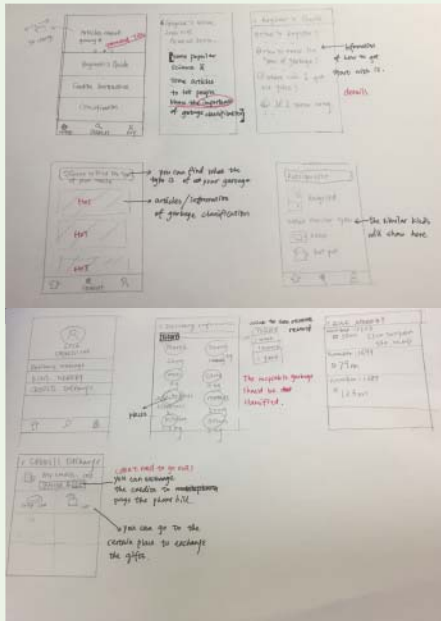| Process of the whole garbage treatment	The awareness of garbage development	Reward and punishment system	Technology of garbage treatment

INITIAL PROCESS DESIGN

- Register
- Get your own QR code
- Classify the garbage
- Throw away in the certain bin
- Check and recycle
- Get the points
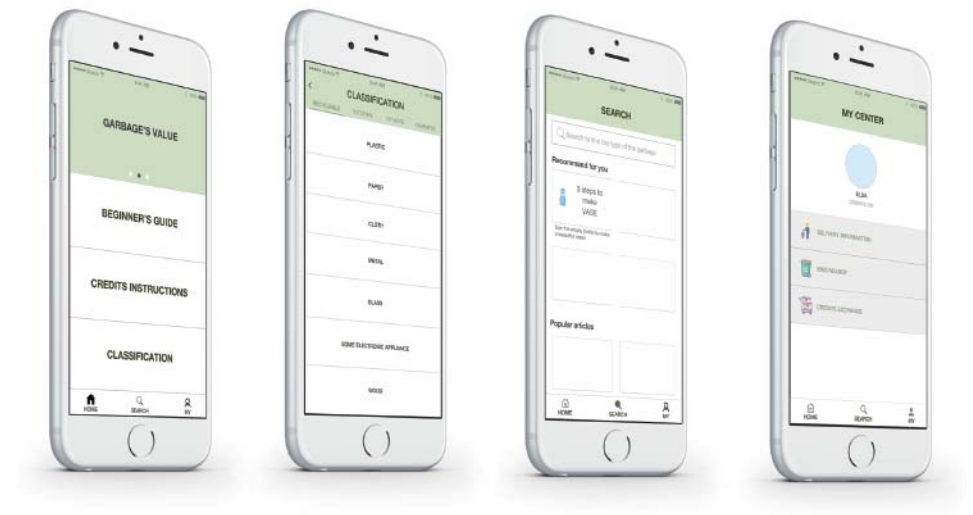
LOW FIDELITY PROTOTYPE

Bin function design

FINAL DESIGN

The bins and the app are designed to make people get familiar with garbage classification.

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- The bins are automatic to scan, distinguish and weigh the garbage. Only when the certain kind of garbage is put on the right bin, it will be accepted.

- In the app, you can find information and knowledge about garbage classification.The credits will be accumulated and can be exchanged into some presents.

App design

INTERVIEWS

LOLITA GIRLS

"Someone wrote a comment to say that I dress this type of dress to pretend to be a princess...umm that's too ridiculous, I mean, he even didn't me and lolita fashion, I don't know why he said that. "

"I often read the news on Taobao, it may need some luck to buy what you want because some dress number is limited, you can get the dress only if you buy it immediately."

"Some dresses on the model seem really common, but after you saw some reposts, you just like it a lot but you didn't buy. It's like gamble in some ways."

SHOP OWNERS

"We don't want to send too many messages as well but we have to test whether our customers can see the information, sometimes it will bother them, but we don't have other choices."

CORE NEED

A circle for person with the same interests of lolita fashion.

A place where users can quickly find the new dresses without irrelevant information.

A room for users to try what they want to buy to make sure it fits.
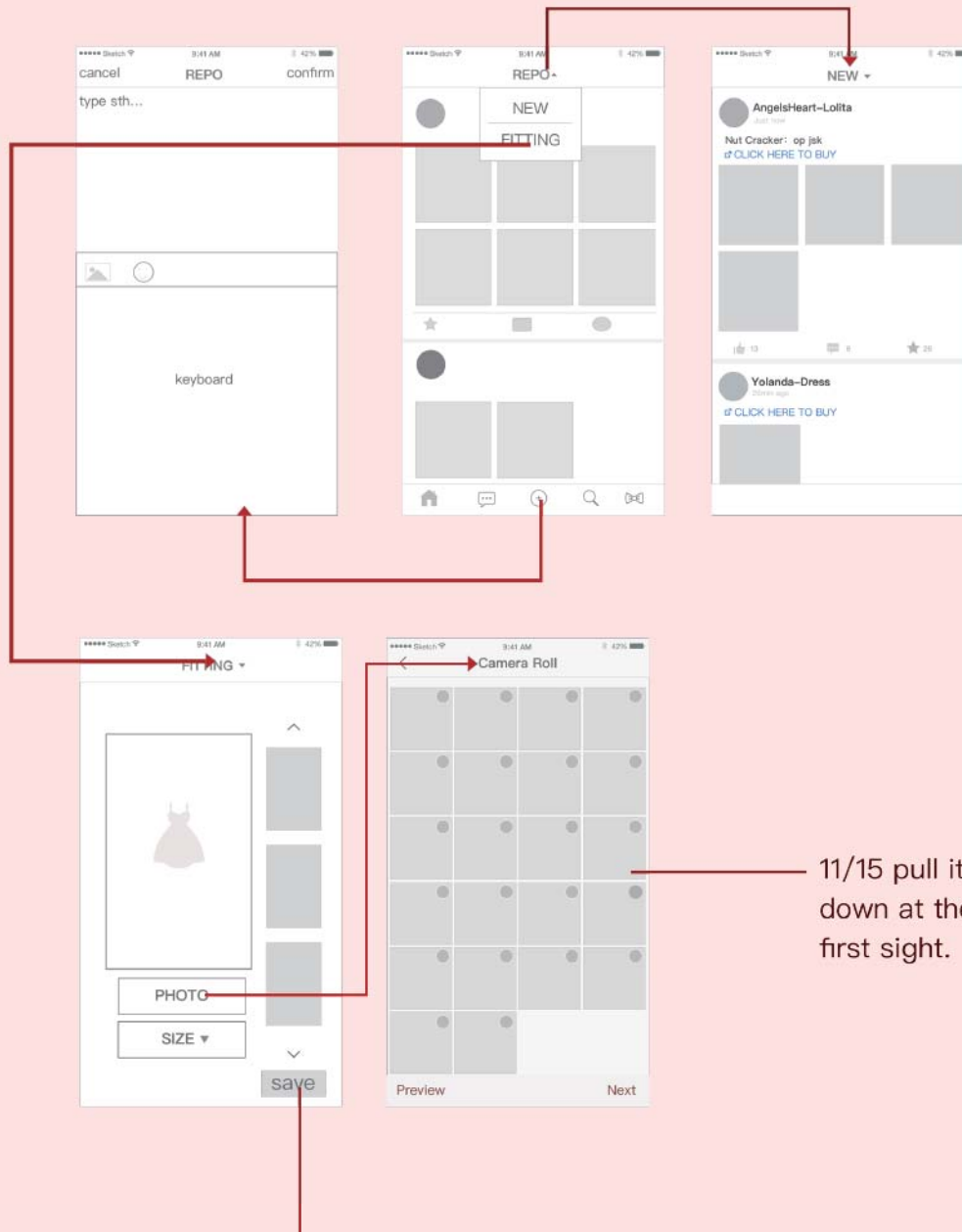
LOLITALK
For the fans of lolita fashion.

SITUATIONS

Miss the information about the dresses.

The dress is not what you imagined.

Receive negative comments when you post pictures about dresses.

11/15 pull it down at the first sight.

13/15 of the participants say that they prefer to use screenshot to save instead of the button, so I delete it.

MAIN PARTS

REPO

By REPO, you can share what dresses you wear with other lolita girls, you can also see the dress up of other persons, and to know more details about the dresses.
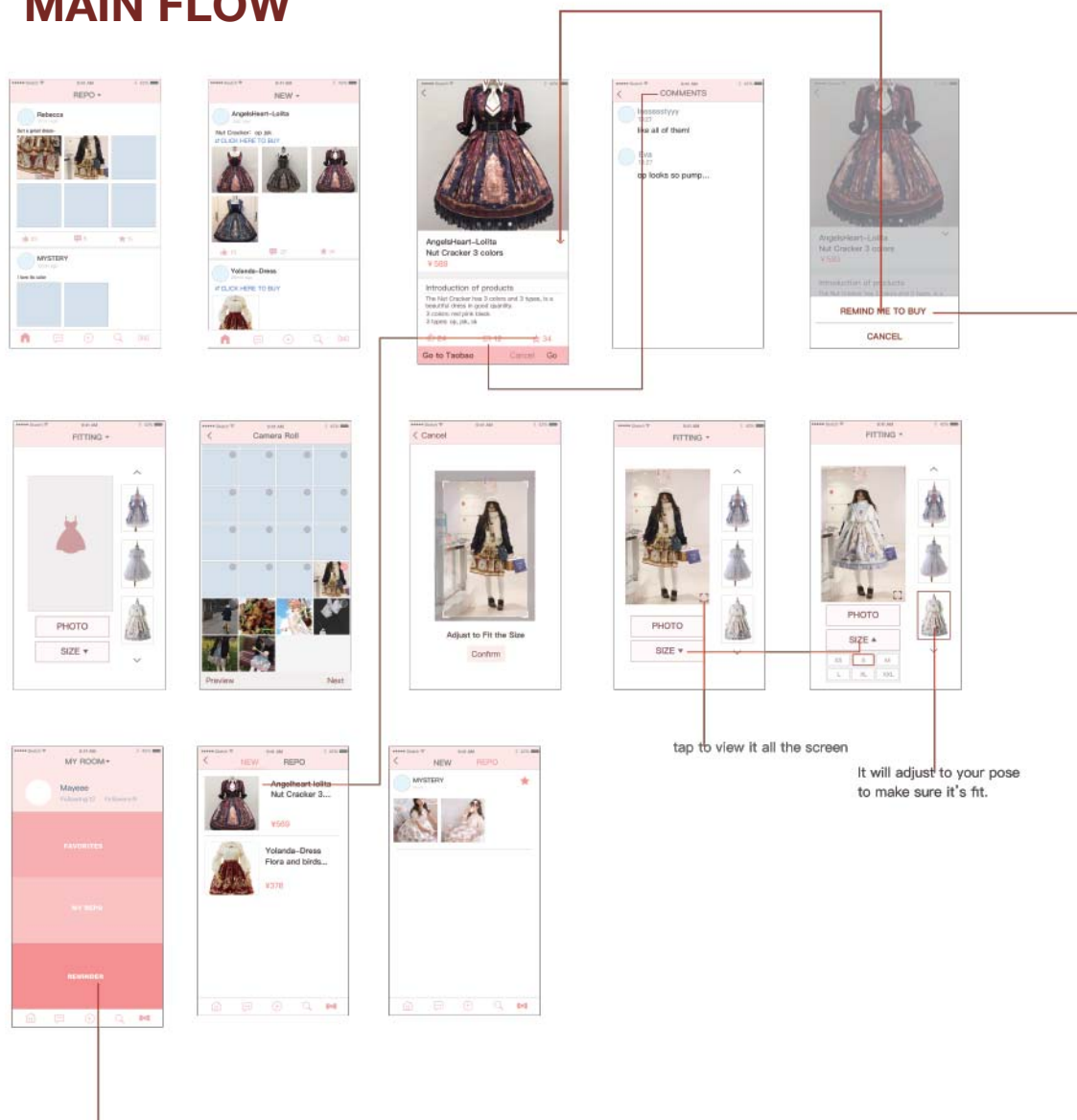
NEW

NEW is a place where you can check the update of the dresses, without useless information,you can quickly find what do you want.
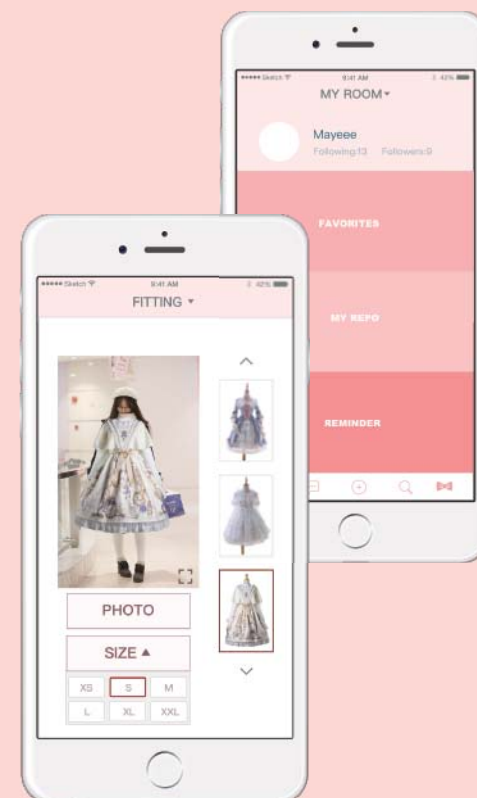
FITTING

The fitting room uses VR technology. You just need to choose a photo of yourself and then you will simply get the clothes of the size which you select on your body.

MAIN FLOW

FINAL DESIGN

tap to view it all the screen

It will adjust to your pose
to make sure it's fit.

SAFERELLA

Keep your umbrella in a safe condition.

RESEARCH In rainy days, many people left the umbrella outside. It may occur many problems during the time.

SITUATIONS LEFT: Forgot the umbrella at the cinema.
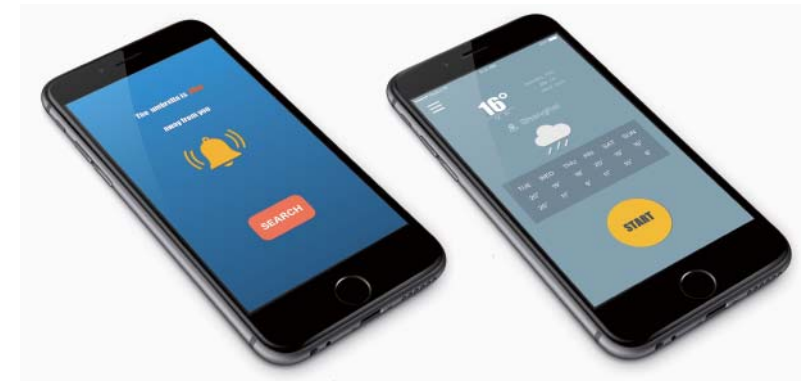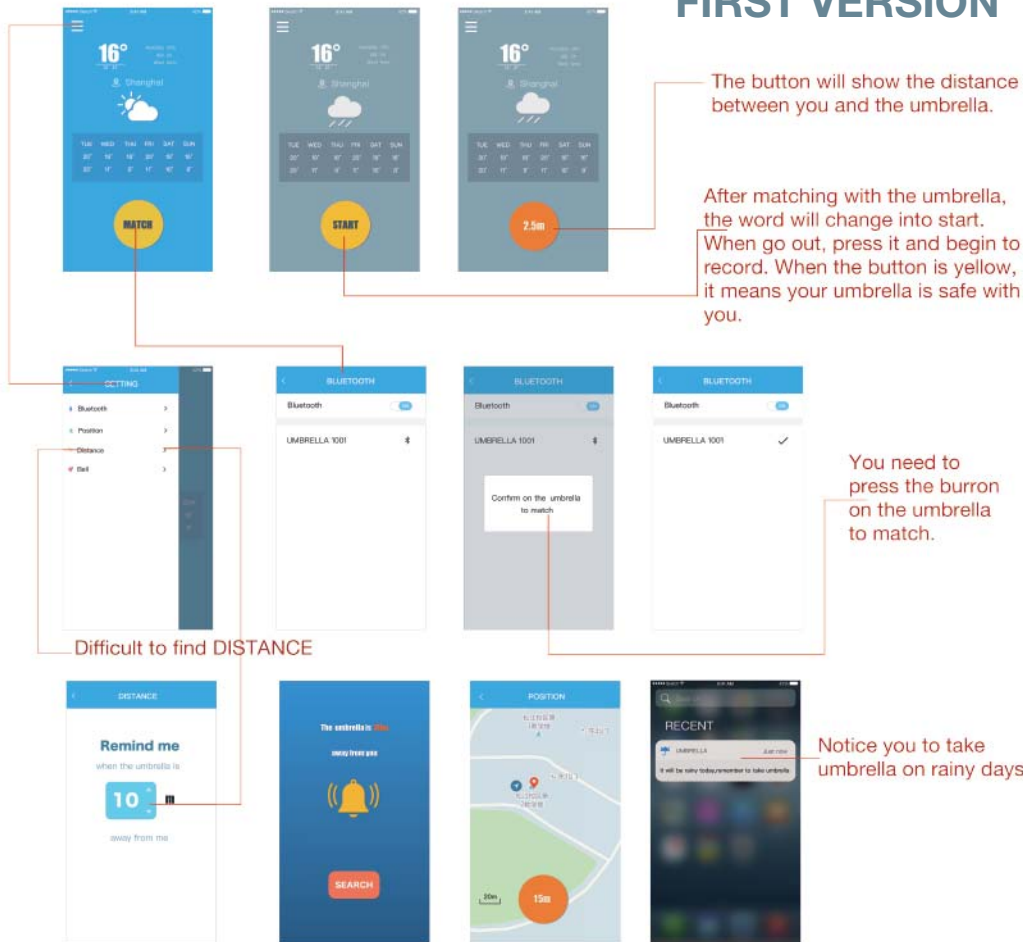RIGHT: Mistaken by others.

CORE NEEDS The main functions that the app must include.

Remind the owner to take the umbrella before go out.

Remind the owner to take the umbrella before leaving a place.

Help to find the umbrella's position when others mistake it.

FIRST VERSION

The button will show the distance between you and the umbrella.

After matching with the umbrella, the word will change into start. When go out, press it and begin to record. When the button is yellow, it means your umbrella is safe with you.

You need to press the burron on the umbrella to match.

Difficult to find DISTANCE

Remind me
when the umbrella is
10 m
away from me

Confirm on the umbrella to match

Notice you to take umbrella on rainy days.

REVISION

To see the temperature and weather in one day instead of a week.

Cancel the DISTANCE button.

Add a map icon at home page to see the map and distance.

FINAL DESIGN

8