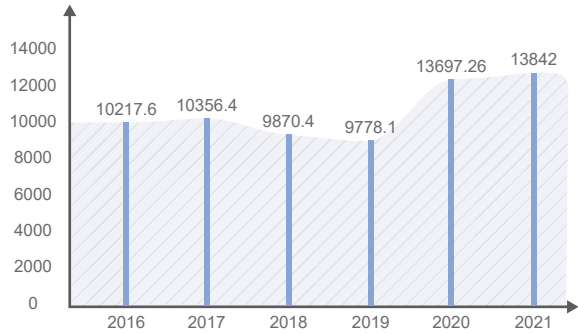


Clothes Rebirth Sustainable System Design

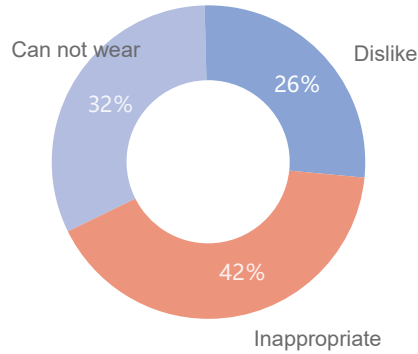


Background of the project

Growth and waste in the apparel industry

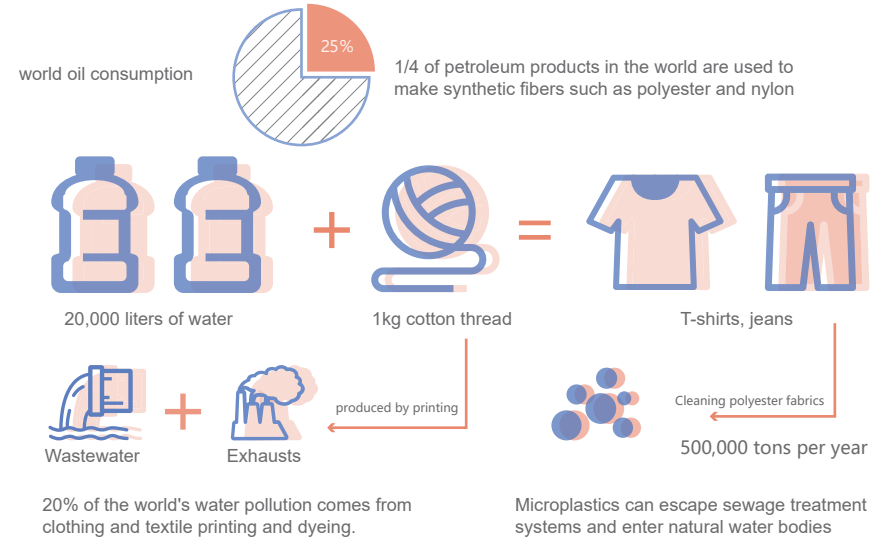


China's clothing market retail sales

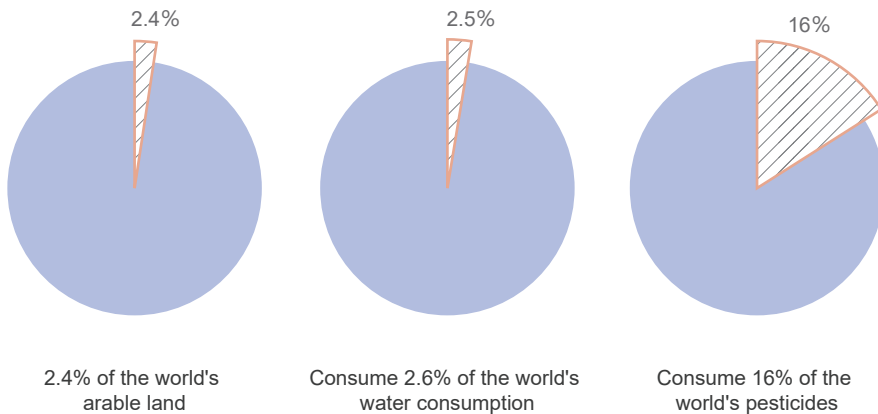


Reasons for discarding clothes

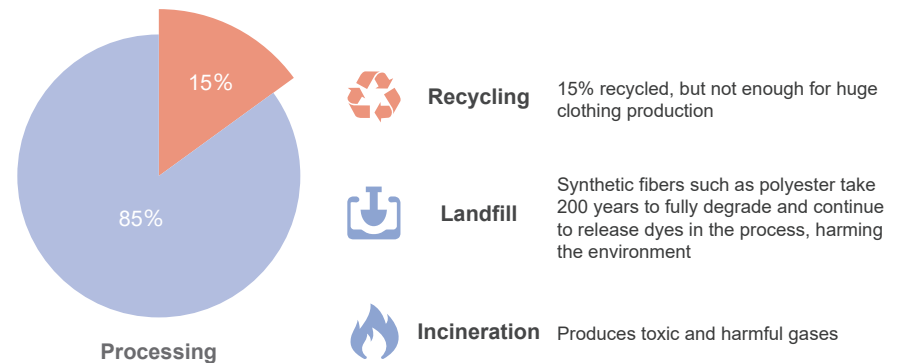
Making of clothes



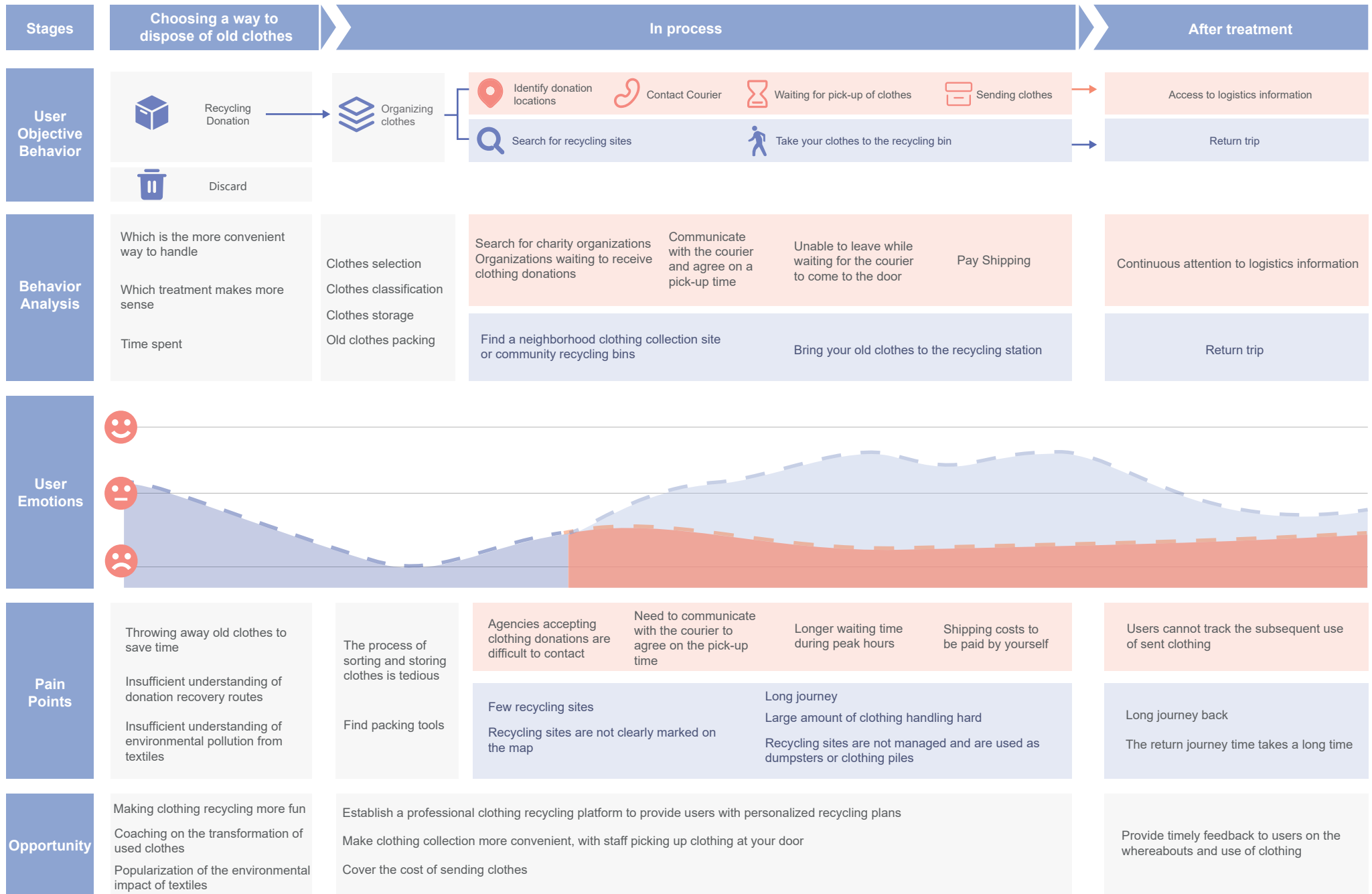
Planting of cotton






Treatment of general textile waste



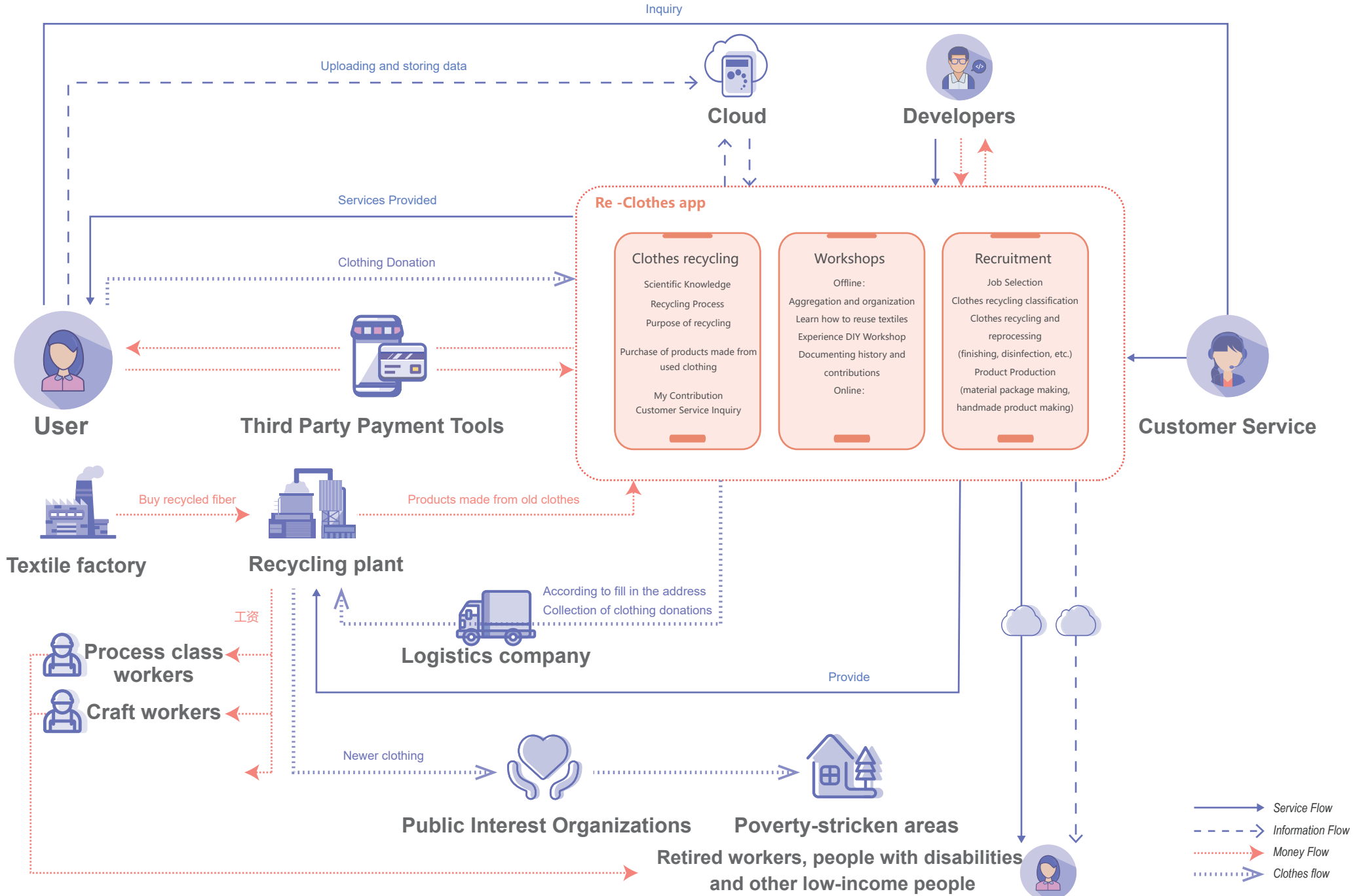
User Journey Map



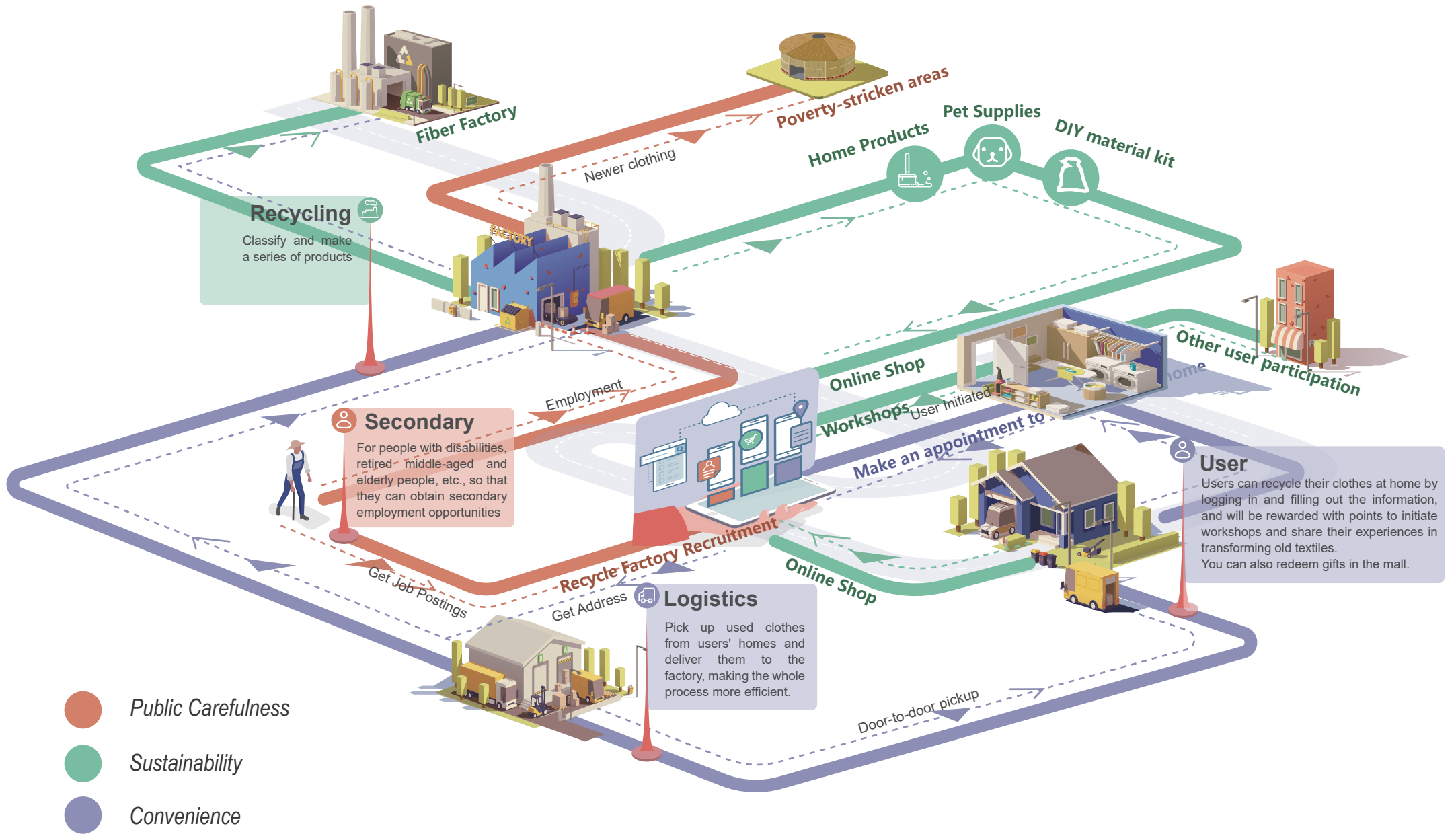


	Pain Points	Reason	Solution
 Awareness	<ul style="list-style-type: none">Don't know how to donate and recycle clothesLack of understanding of the environmental problems caused by textilesLow motivation to recycle clothes	<ul style="list-style-type: none">Low knowledge of garment recyclingFewer or no explicit benefits from clothing recycling	<ul style="list-style-type: none">Conduct easy-to-understand recycling knowledgeCreate a clothing recycling reward mechanism to add fun
 Behavior	<ul style="list-style-type: none">Prefer to throw clothes in the trash rather than struggle to get them into the recycling binNo secondary use of old clothes	<ul style="list-style-type: none">Sending clothes to recycling stations is a cumbersome processSome of the fast fashion clothing prices are lowerLack of guidance	<ul style="list-style-type: none">Simplify the clothing recycling processConduct a tutorial on clothing reuse
 Environment	<ul style="list-style-type: none">The social acceptance of used clothing is lowFabric reuse is difficult	<ul style="list-style-type: none">Psychological barriers for users (infectious diseases, etc.)Mixed species, difficult and costly fiber extraction	<ul style="list-style-type: none">Help users to classify clothing materials and take different treatments for old clothes of different materials (e.g. decorations, pet supplies, etc. to sell at low prices)

System Map



Service system effect



Storyboard

Life issues



Coco likes to buy a lot of clothes.



Until his closet is full. He wants to send the clothes for recycling.



But he can't find the recycling point.



He had to throw the old clothes in the trash.



Later, the community has a clothing recycling station.



But he didn't know where the clothes were going.

Secondary employment



After Grandma Li retires, she hopes to find a part-time job to subsidize her family.

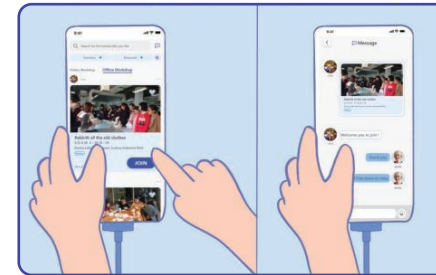
Use of APP



Coco organizes her clothes and makes an appointment on the APP for door-to-door recycling



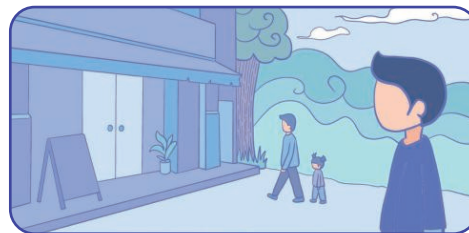
While waiting for the courier, Coco placed an order for a product transformed from old clothes in the APP mall



Coco found an old clothes remodeling workshop nearby in the afternoon, and he signed up



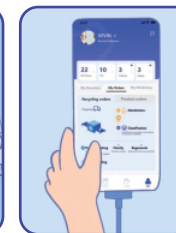
The courier came to pick up the clothes, the mobile phone received payment and points, and achieved environmental protection achievements



Cocoa came to the workshop in the afternoon



Coco made pet supplies for her cat at workshop



Cocoa found the whereabouts of recycled clothes in the APP



Grandma Li saw recruitment information for the elderly and vulnerable groups on the APP



Grandma Li began to work in the factory to transform old clothes

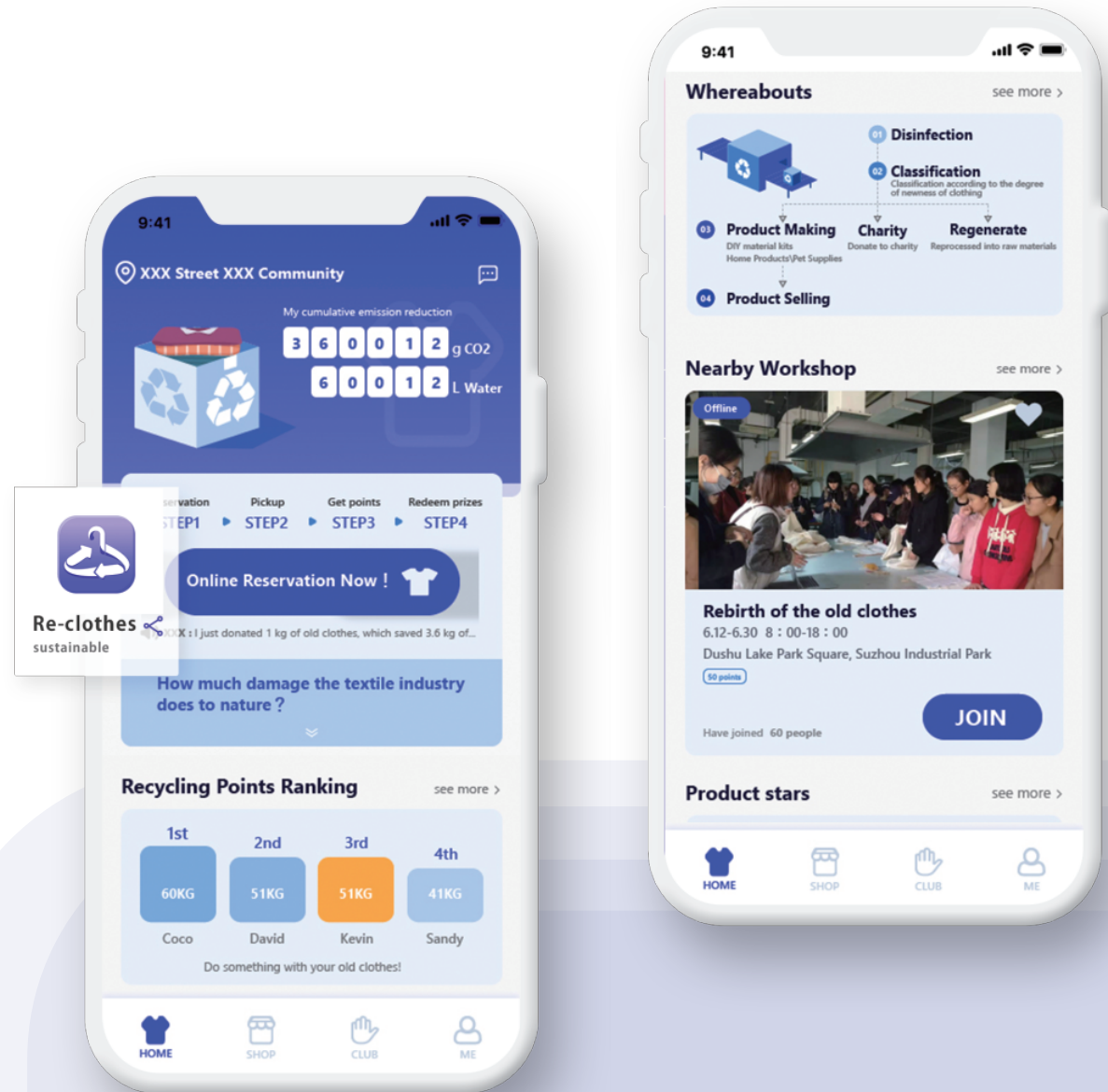
APP design



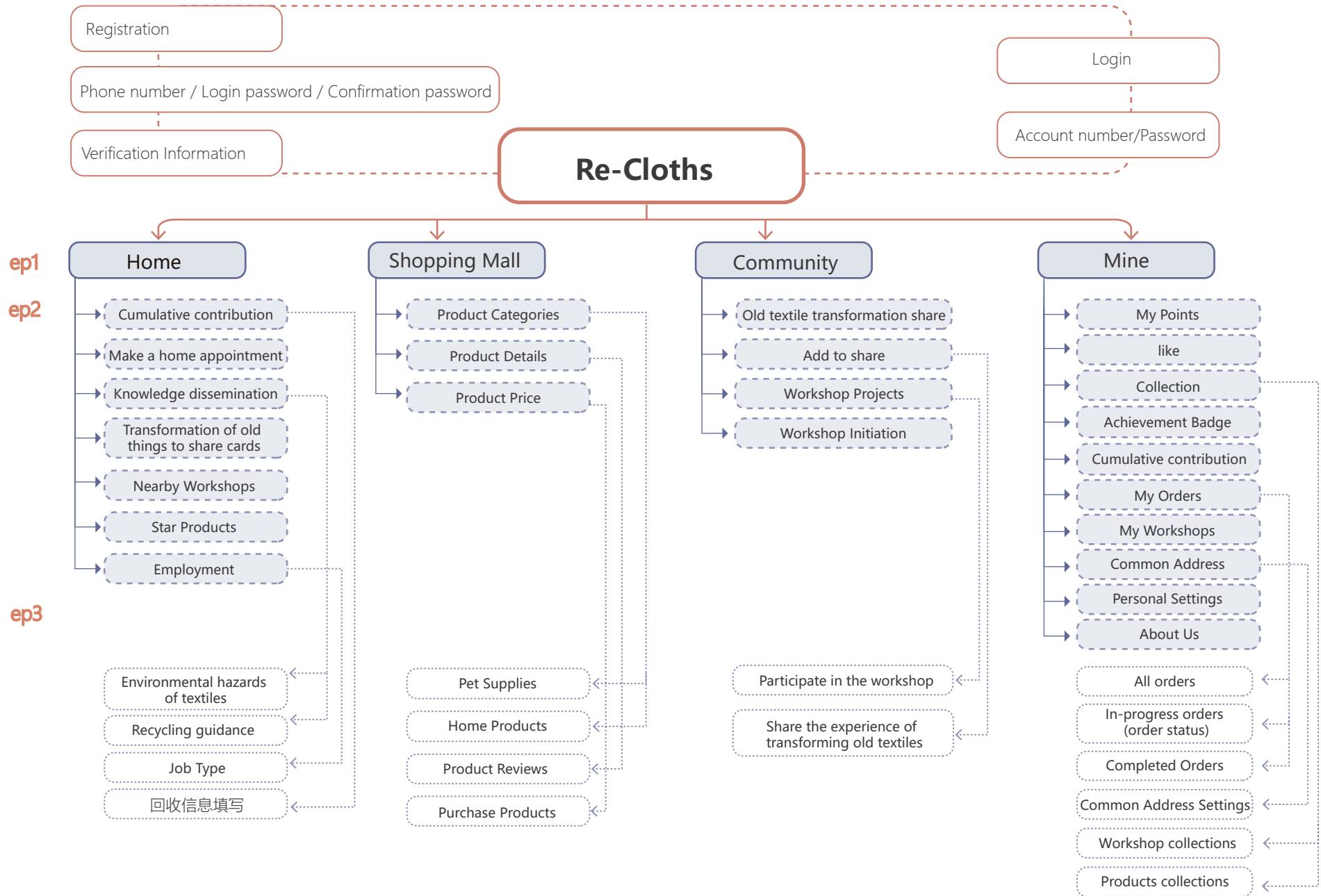
RE-CLOTHES

Re-clothes ICON Design Description:

Appearance composition of ICON: The overall appearance of the pattern part is the image of a hanger, highlighting the characteristics of the APP; at the same time, the circular arrow logo is integrated to represent the environmental protection and sustainability of clothing utilization.

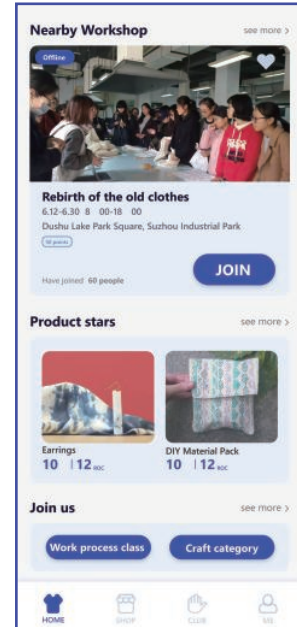
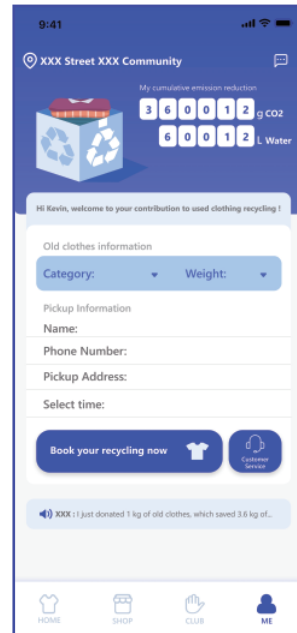
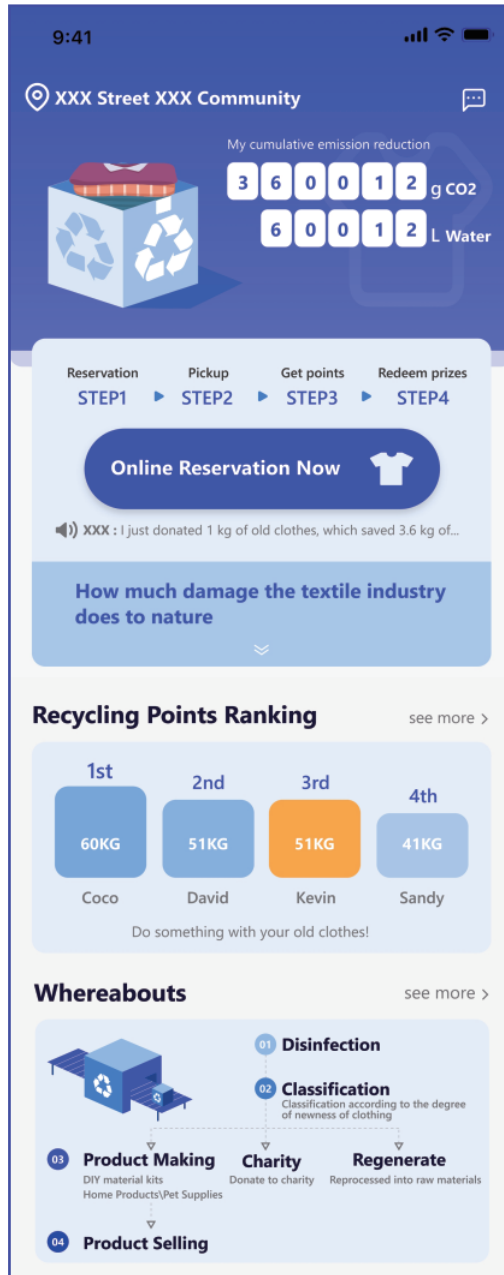


APP Information Architecture Diagram

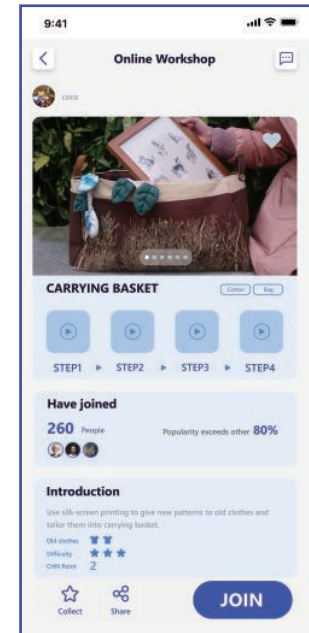
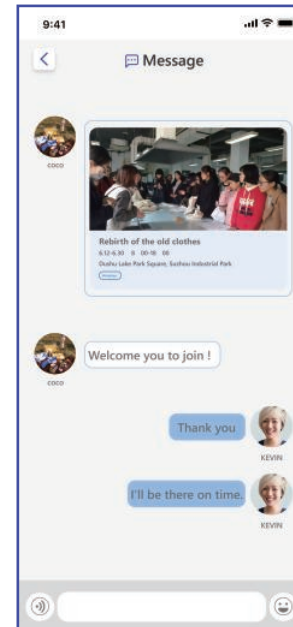
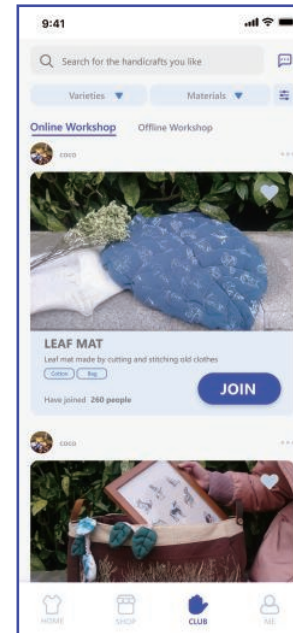
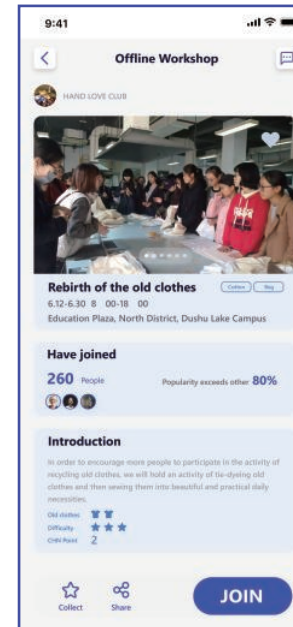
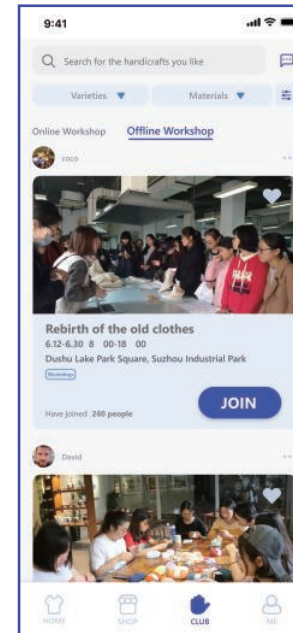


APP page display

Front page

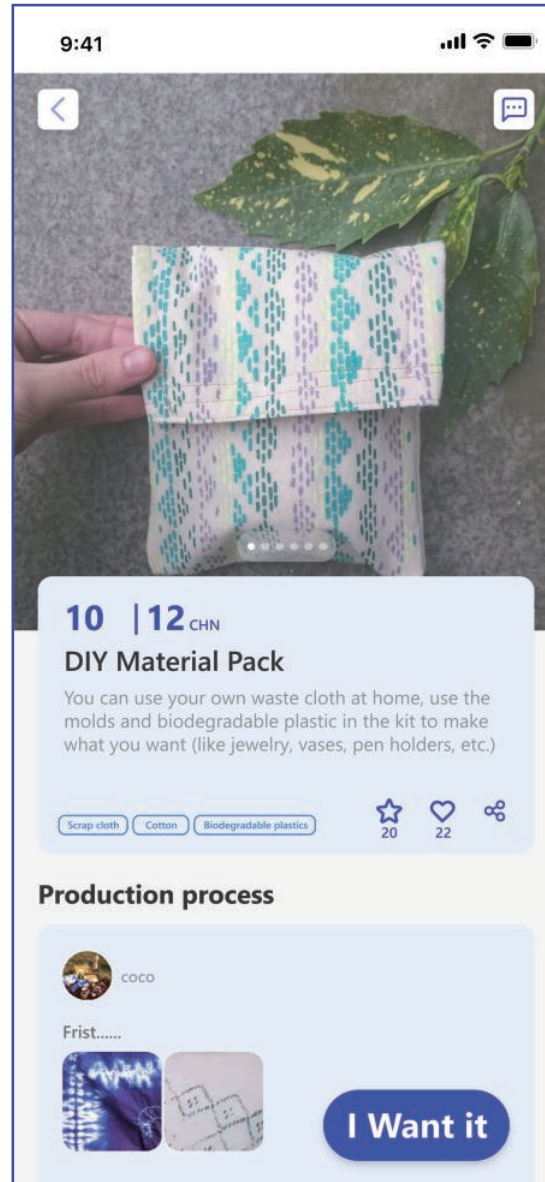
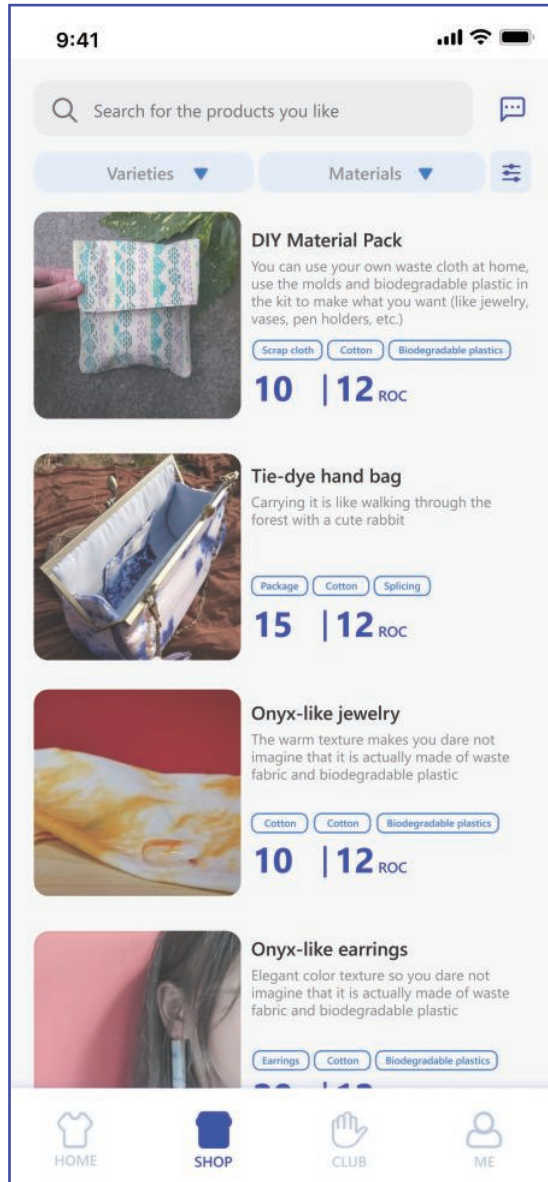


Workshop

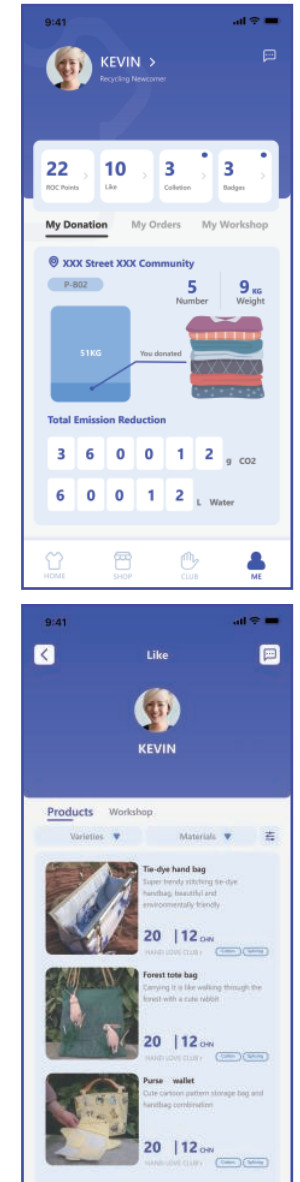
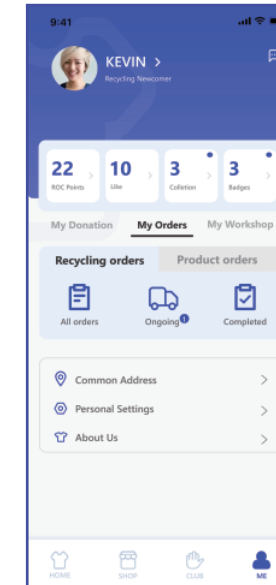
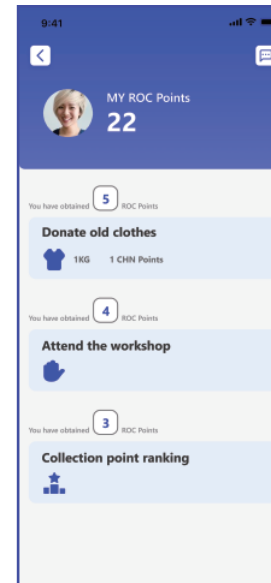


APP page display

Shop

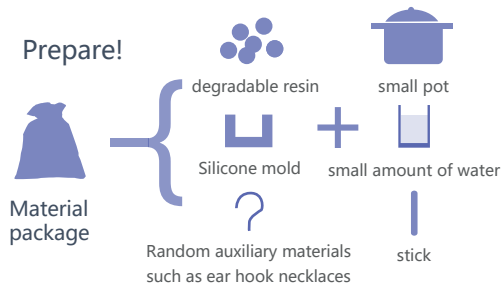


Mine



Material Pack Design

Prepare!



step1

Take some scrap fabric or clothing and cut a small piece and shred it.



step2

Open the material pack.

step3

Put the resin and cloth into the mold, the effect of mixing and unmixing is different, and the effect of mixing and unmixing is different. Add different amounts of cloth according to personal preference.



step4

Put an appropriate amount of water in the pot (preferably lower than the height of the mold), and put the mold filled with the material into the pot.



step5

Heat the pot over low heat.

step6

When the degradable resin is transparent, take it out, be careful of hot hands!



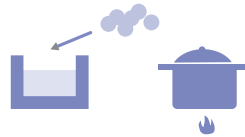
step7

Use a small stick to pound the mixture (dipped in a little cold water to prevent it from sticking) to prevent voids and air bubbles.



step8

Then add a small amount of resin particles into the mold, and continue to put it into the pot and heat it on a low heat



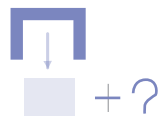
step9

Repeat step 7.8.9 until the resin and the cloth mixture are completely melted and can fill the entire mold. Take the mold out of the pot, be careful not to burn your hands! Cool at room temperature or place in cold water to speed up cooling.



step10

Demoulding and auxiliary materials such as ear hooks become small accessories.



Finish!

