



M o b i l e P r o g r a m m i n g

O u r C l o s e t

201433705 이 진 원

201533673 최 준 현

201635832 이 상 운



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02

Team member information



Name: 이 진 원

Student Number: 201433705

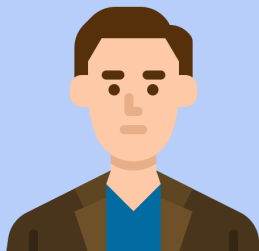
E-mail Address: wlsdnjs1120@naver.com



Name: 최 준 현

Student Number: 201533673

E-mail Address: chjh12100@gmail.com



Name: 이 상 운

Student Number: 201635832

E-mail Address: dltdkddns79@gmail.com

01 Title



Our Closet

- To share clothes that we **don't wear** with users
- To **buy or borrow** clothes from near by users
- To **check** clothes without taking them out

03 Targets



- Check own closet easily

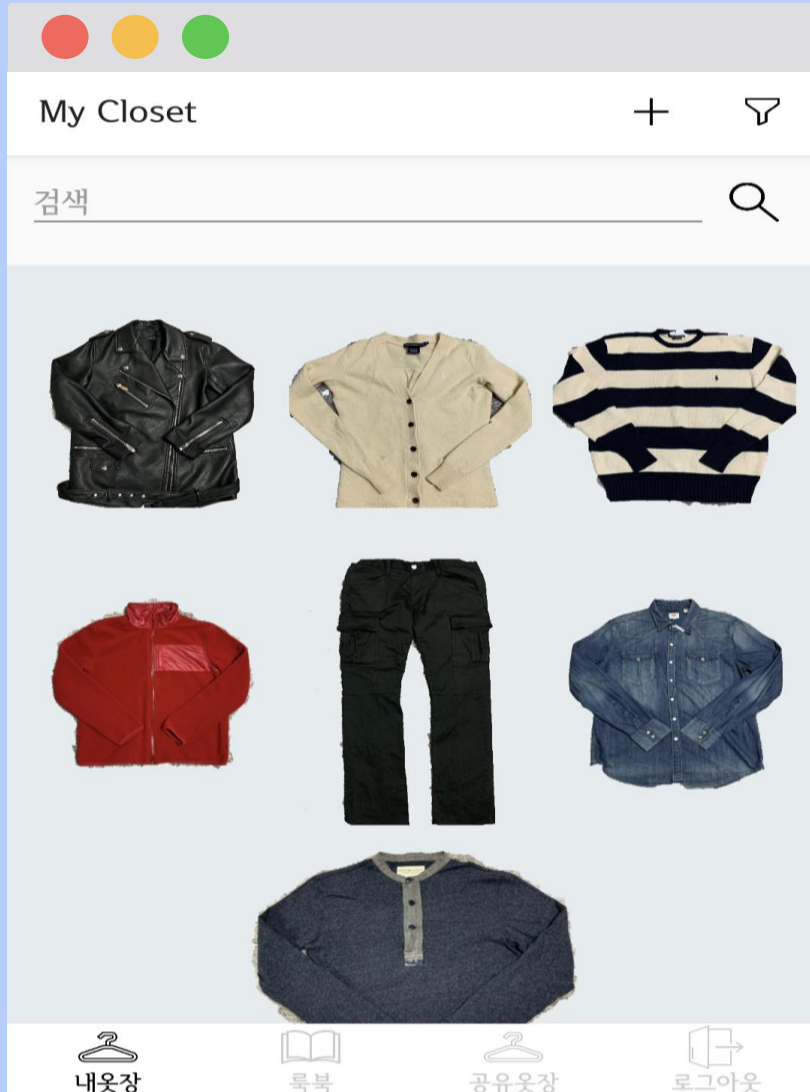
- Share unused products

- Borrow clothes

04 Key features



My closet



- See the products at a single glance.
- See specified products using search & filter.

04 Key features

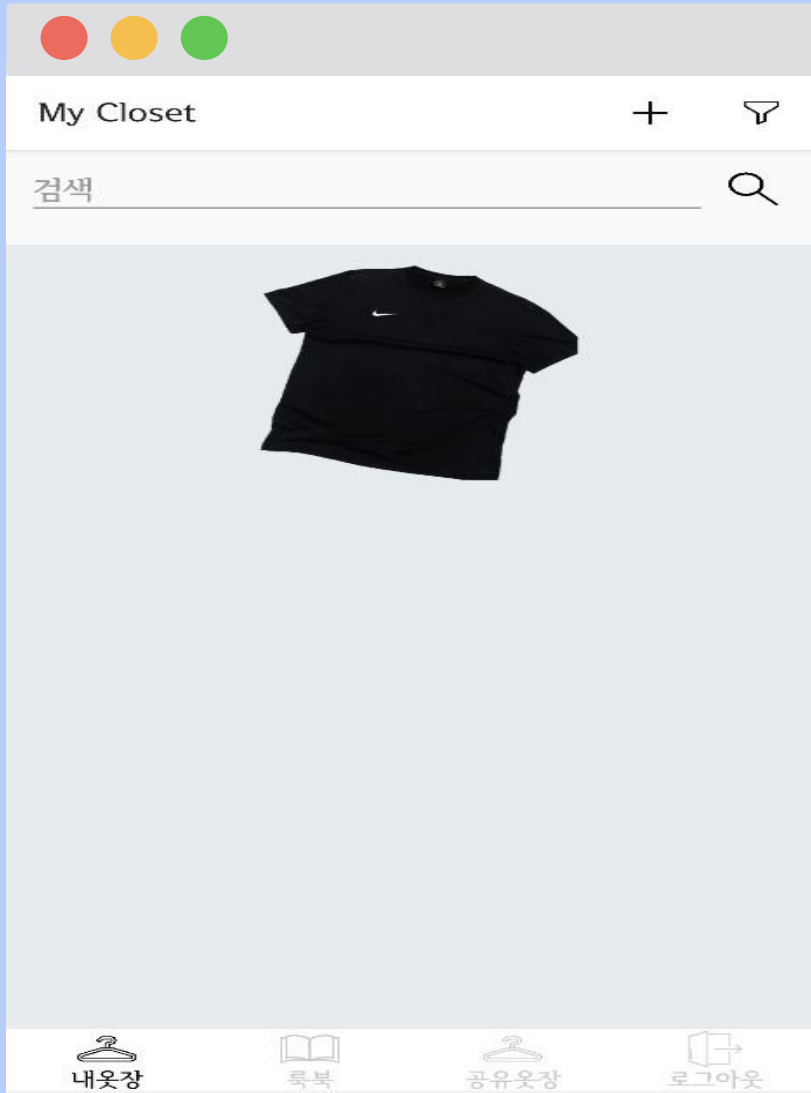


Image processing

- Remove image's **background**
- Save only form of clothes

04 Key features

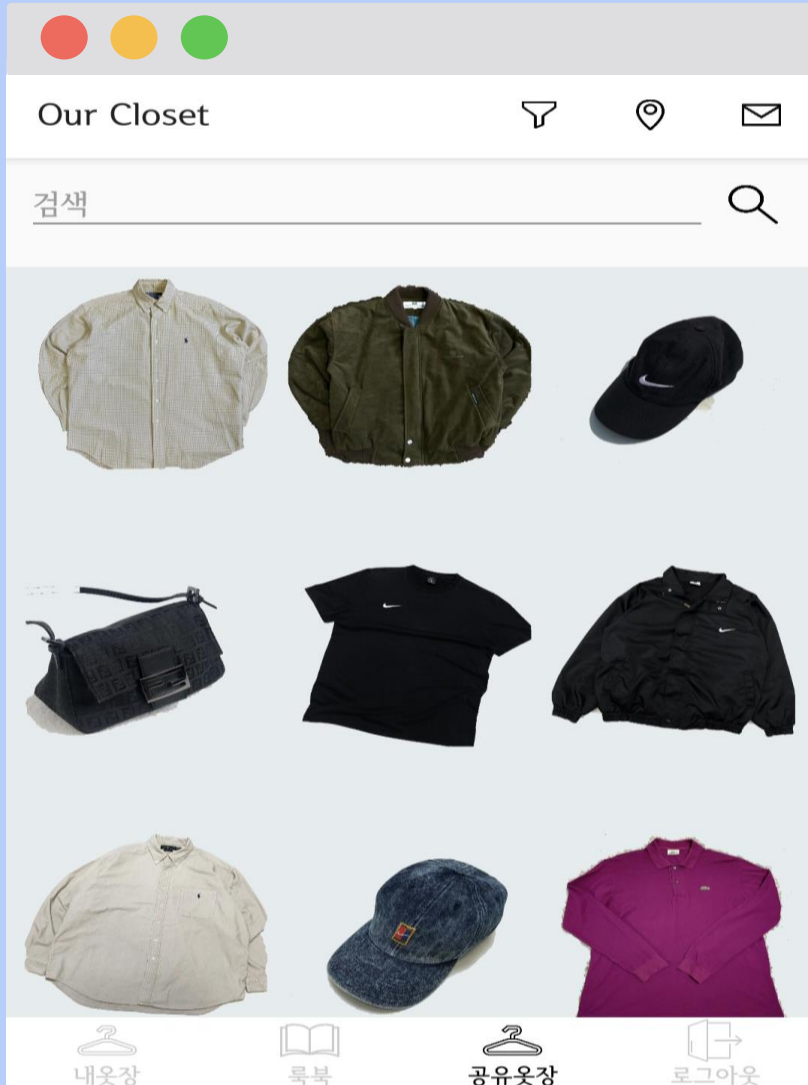


Lookbook

- Make your own **look-book** easily to coordinate.
- See specified look by **filter**.



04 Key features



Shared - closet

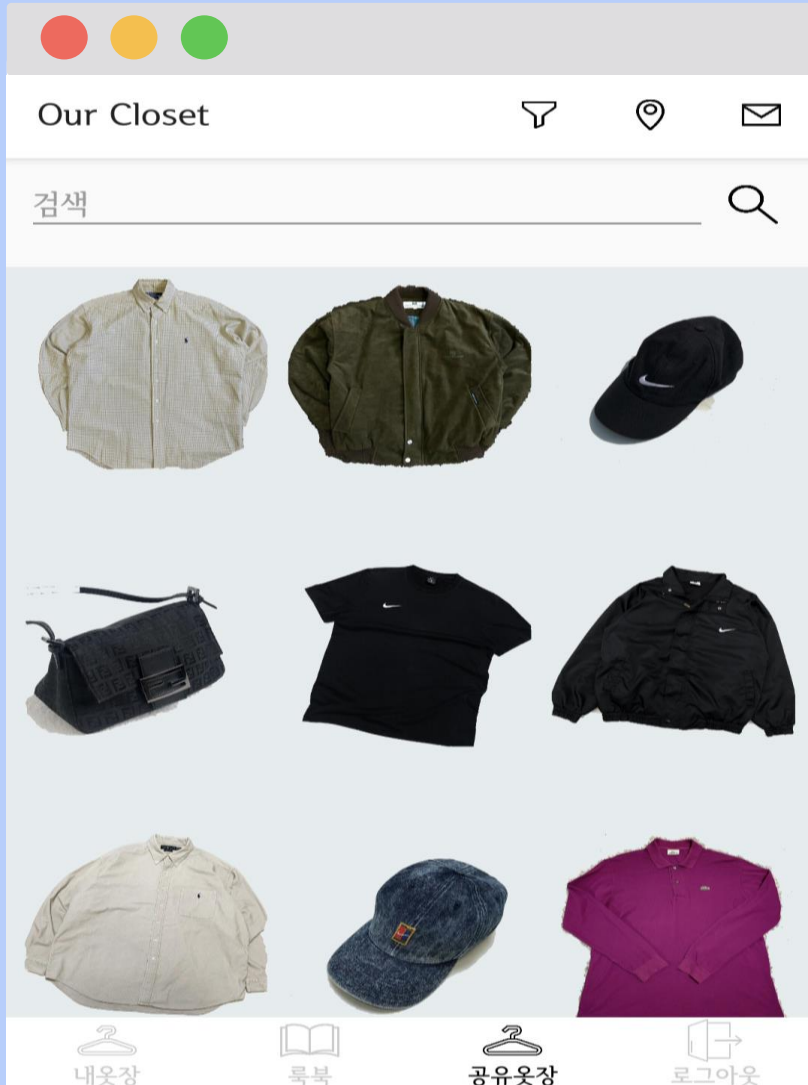
- Share **unused** products
- **Borrow** the products I want from other users
- Identify specific products by **search & filter**

04 Key features

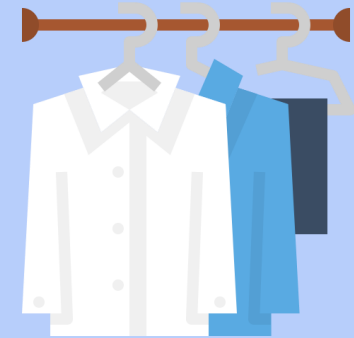


Shared - closet

- Check other's products in the order that the **distance** from my location **is close**
- **Check the distance** between user's location and the owner of shared product **through the map**.



05 Advantages



- Make a **connection** between providers and consumers
- Easy to see the **distance** between owner of shared product using **map**.

- When searching for shared clothes, show sharing users **in the order** that they are **close** to my location.

05 Advantages



- Search by item name, brand name, category, color, season, shared condition through **search & filter function**



- Save my own look and see look made by me easily.

06

Scenario - sign up



Sign Up

회원가입

이메일


비밀번호

비밀번호 확인

회원가입

로그인

A light gray window titled 'Sign Up' with three colored window control buttons (red, yellow, green) in the top-left corner. The main content area is light gray and contains the text '회원가입' (Member Sign Up) in bold black font. Below this are three input fields: '이메일' (Email), '비밀번호' (Password), and '비밀번호 확인' (Confirm Password). At the bottom are two buttons: '회원가입' (Member Sign Up) and '로그인' (Login).



Sign Up

회원가입

kim123@test.com

.....

.....

회원가입

로그인

A light gray window titled 'Sign Up' with a single red window control button in the top-left corner. The main content area is light gray and contains the text '회원가입' (Member Sign Up) in bold black font. Below this are three input fields: 'kim123@test.com' (Email), '.....' (Password), and '.....' (Confirm Password). At the bottom are two buttons: '회원가입' (Member Sign Up) and '로그인' (Login). A red rectangular highlight is drawn around the '회원가입' button, and a hand icon is shown clicking on a blue circular icon in the top-right corner of the button.

06

Scenario - personal info

Enter Info

회원정보

이름

전화번호

생년월일

주소

확인

회원가입에 성공하였습니다.

Enter Info

회원정보

김무성

01037649544

19900306

대한민국 경기도 성남시 수정구 복정동 620-

확인

회원정보 등록을 성공하였습니다.

My Closet

검색

회원정보 등록을 성공하였습니다.

내옷장

룩북

공유옷장

로그아웃

06

Scenario - log in

Sign Up

회원가입

이메일

비밀번호

비밀번호 확인

회원가입

로그인

Log In

로그인

wnsgjs@test.com

.....

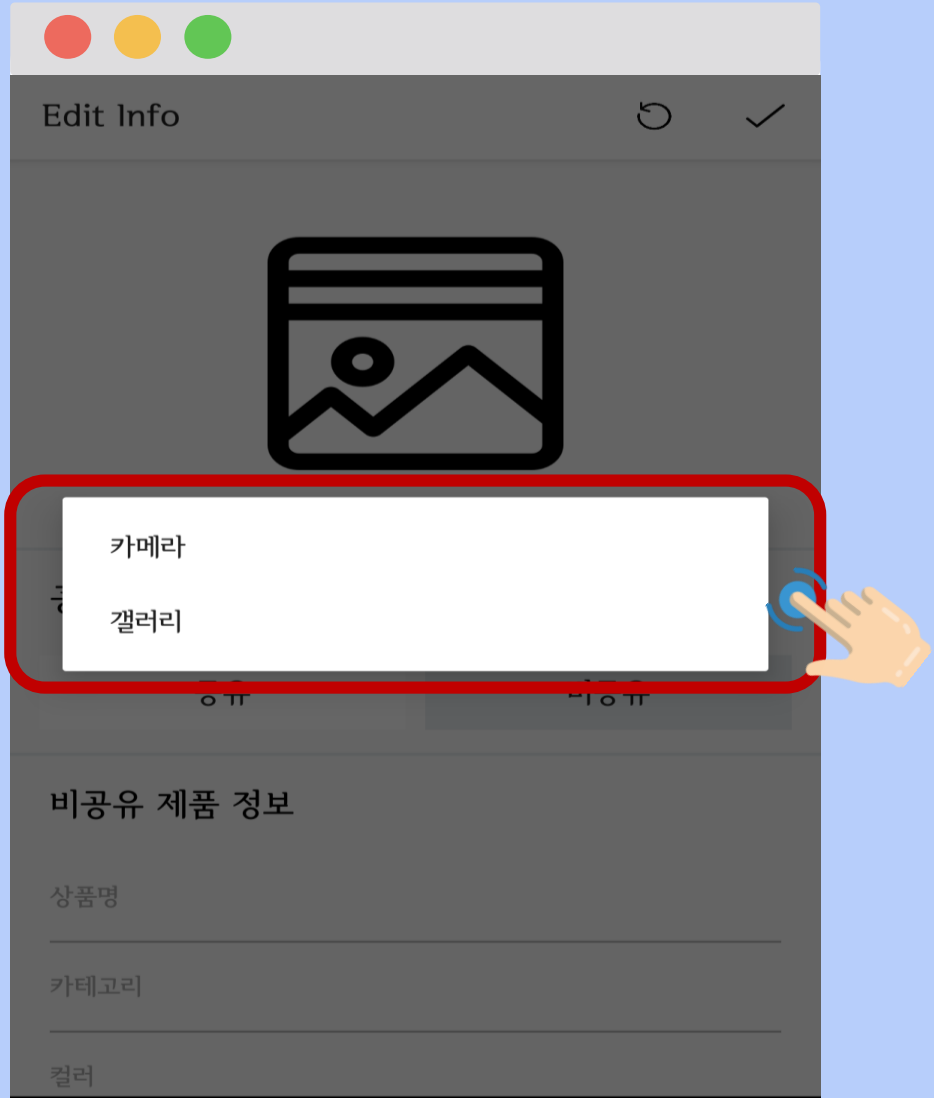
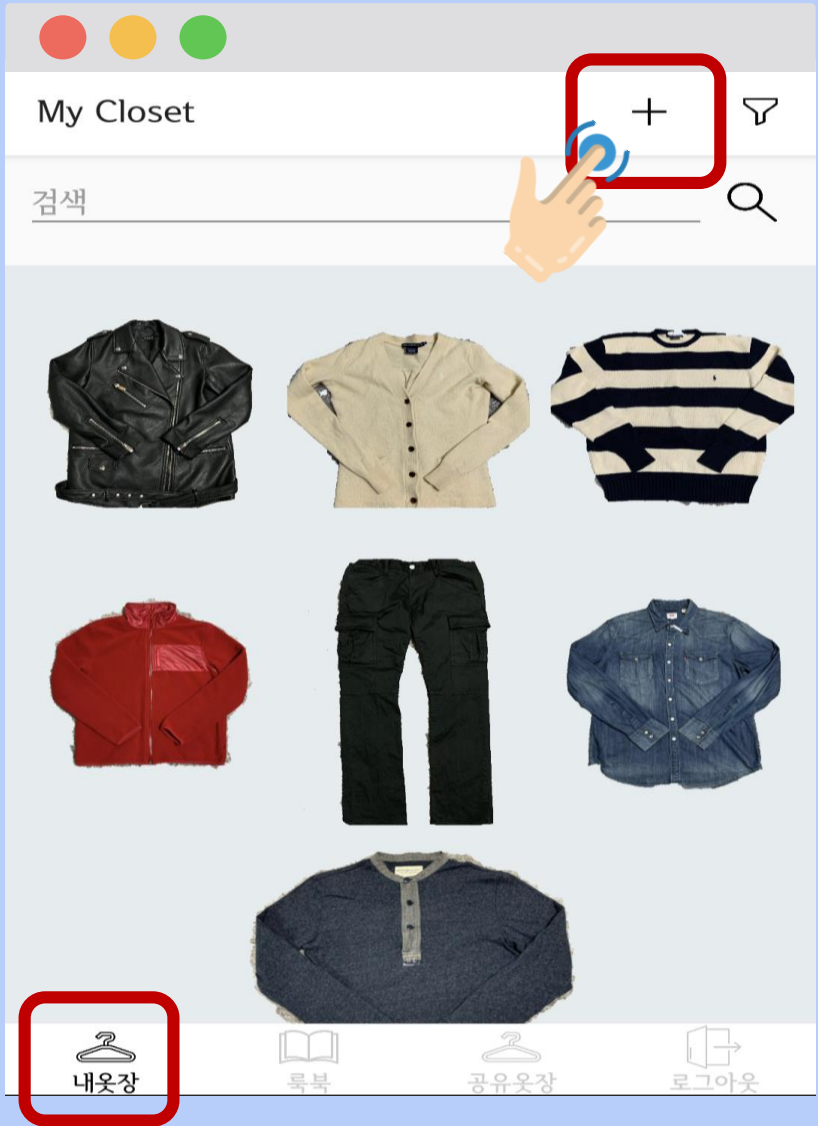
로그인

06

Scenario - my closet

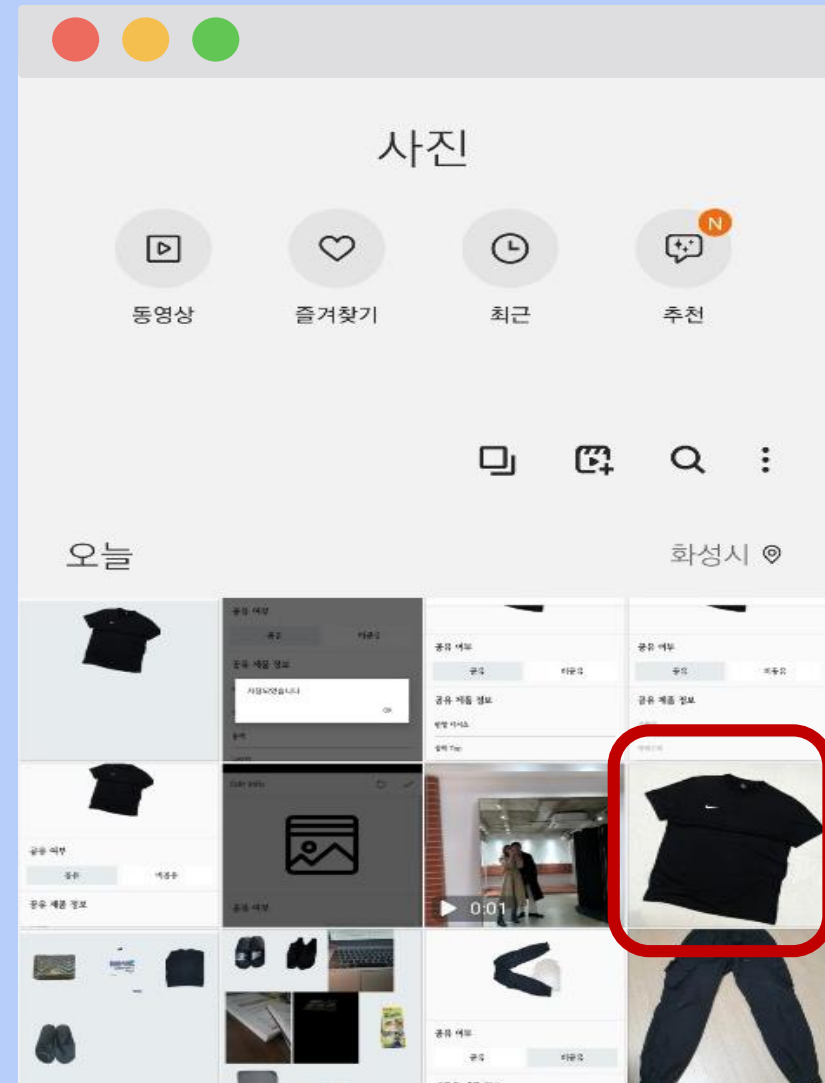
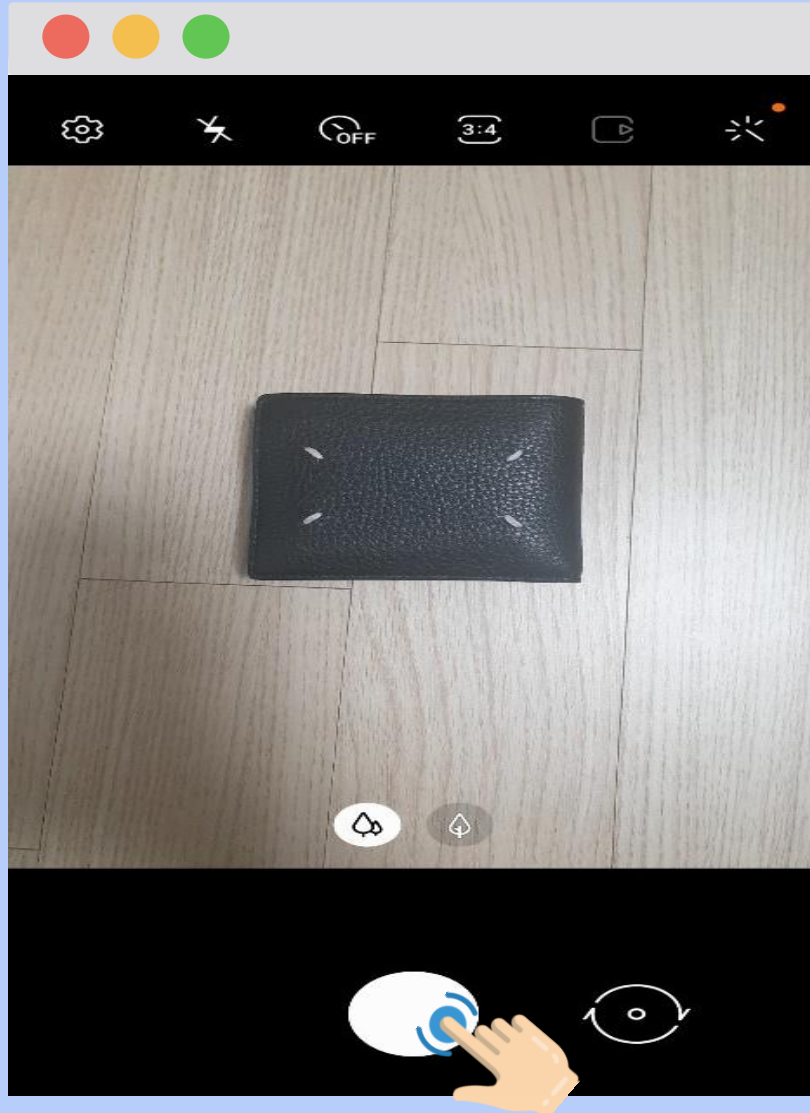


Add



06

Scenario - my closet



06

Scenario - my closet



Add

Edit Info

공유 여부

공유

비공유

공유 제품 정보

상품명

카테고리

컬러

브랜드

사이즈

Edit Info

공유 여부

공유

비공유

비공유 제품 정보

상품명

카테고리

컬러

브랜드

사이즈

06

Scenario - my closet



Edit Info

공유 여부

공유

비공유

공유 제품 정보

상품명

카테고리

컬러

브랜드

시즌

사이즈

가격

Edit Info

공유 여부

공유

비공유

비공유 제품 정보

상품명

카테고리

컬러

브랜드

시즌


사이즈

06

Scenario - my closet



Edit Info



공유 여부

공유 비공유

공유 제품 정보

상품명

카테고리

컬러

브랜드

사이즈

Edit Info



상품명
반팔티

OK

공유 제품 정보

상품명


카테고리

컬러

브랜드

사이즈

Edit Info



상의 Top

아우터 Outer

바지 Pants

스커트 Skirt

가방 Bag

신발 Shoes

시계 Watch

모자 Headwear

안경 Eyewear

액세서리 Accessory

06

Scenario - my closet



Edit Info



공유 여부

공유 비공유

공유 제품 정보

반팔티

상의 Top

컬러

브랜드

블랙

그레이

베이지

레드

핑크

퍼플

블루

그린

옐로우

오렌지

브라운

골드

실버

CANCEL OK

Edit Info

공유 여부

공유 비공유

공유 제품 정보

반팔티

상의 Top

블랙

브랜드

시즌

사이즈

가격

06

Scenario - my closet



Add

Edit Info

공유 여부

공유 비공유

공유 제품 정보

브랜드

나이키

OK

블랙

브랜드

시즌

사이즈

가격

Edit Info

공유 여부

공유 비공유

공유 제품 정보

반팔티

상의 Top

블랙

나이키

시즌

사이즈

가격

Edit Info

공유 여부

공유 비공유

봄

☒ 여름

☐ 겨울

CANCEL OK

나이키

시즌

사이즈

가격

06

Scenario - my closet



Edit Info

공유 여부

공유 비공유

공유 제품 정보

반팔티

상의 Top

블랙

나이키

여름

사이즈

가격

Edit Info

공유 여부

공유 비공유

공유 제품 정보

사이즈

XL

OK

블랙

나이키

여름

사이즈

가격

Edit Info

공유 여부

공유 비공유

공유 제품 정보

반팔티

상의 Top

블랙

나이키

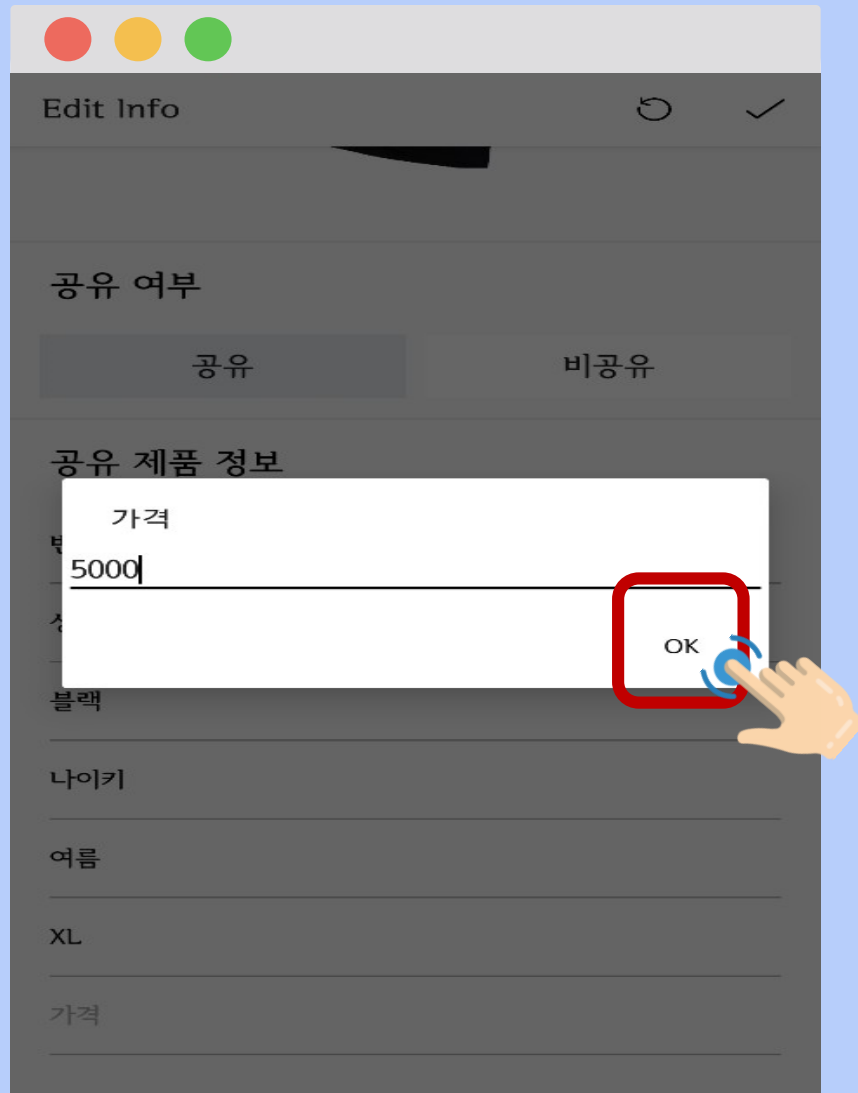
여름

XL

가격

06

Scenario - my closet



Edit Info

공유 여부

공유 비공유

공유 제품 정보

가격

5000

OK

블랙

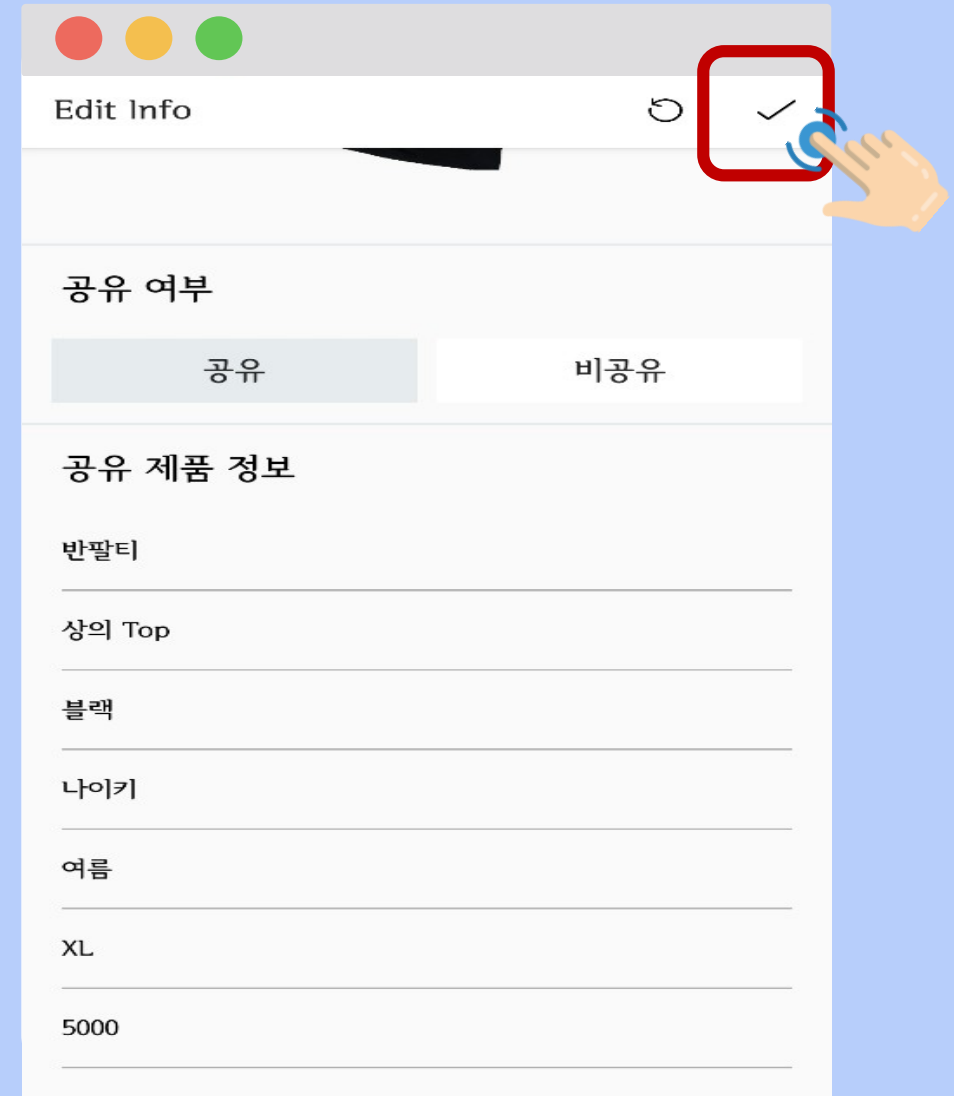
나이키

여름

XL

가격

 Add



Edit Info

공유 여부

공유 비공유

공유 제품 정보

반팔티

상의 Top

블랙

나이키

여름

XL

5000

06

Scenario - my closet



Edit Info

공유 여부

공유 비공유

공유 제품 정보

저장되었습니다

OK

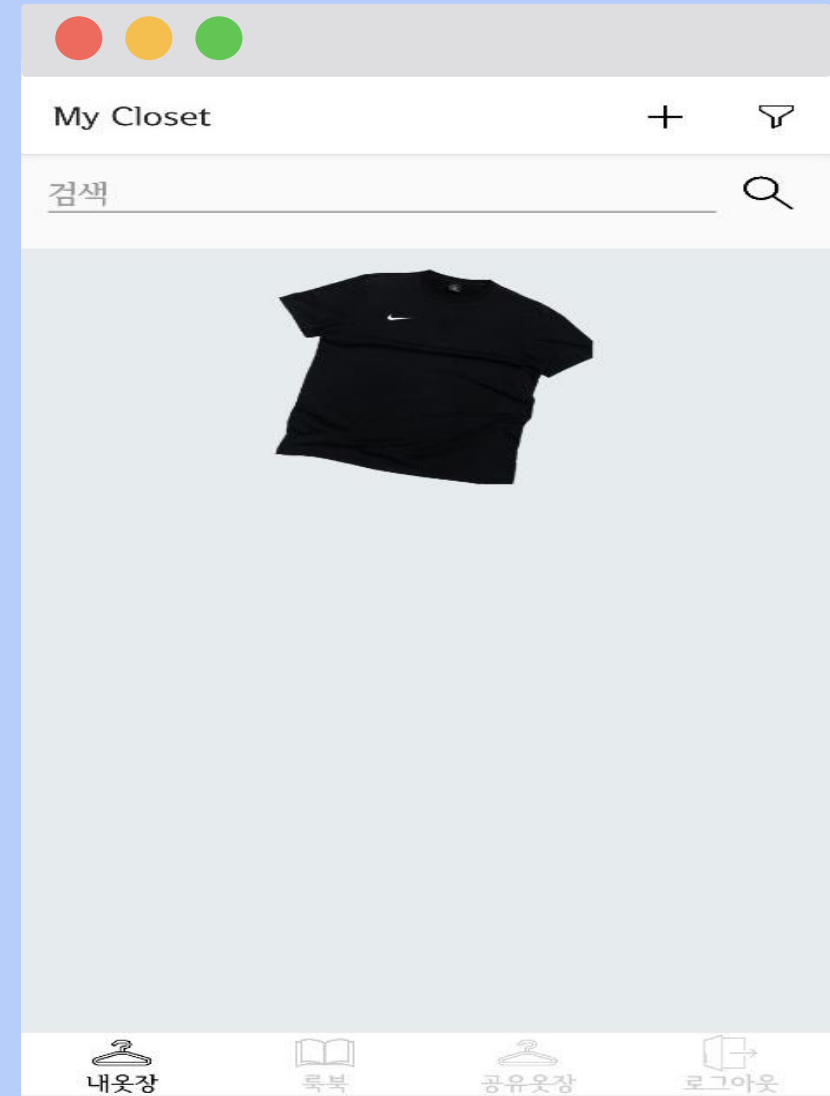
블랙

나이키

여름

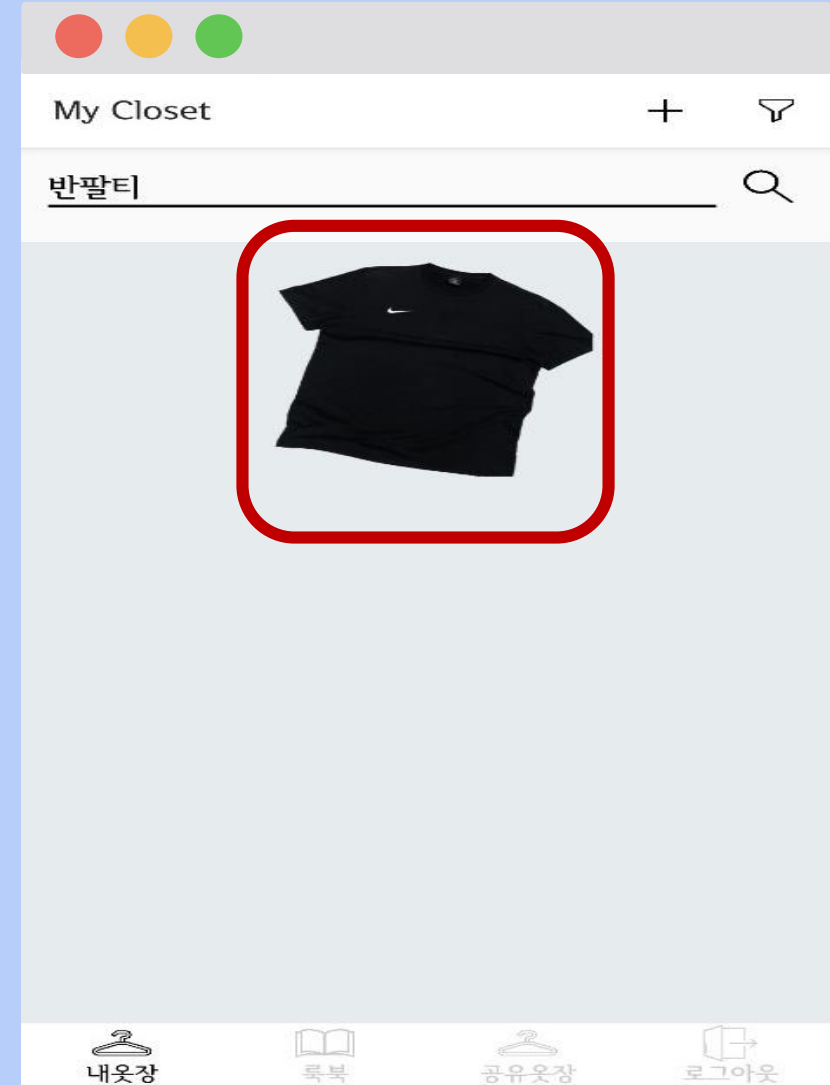
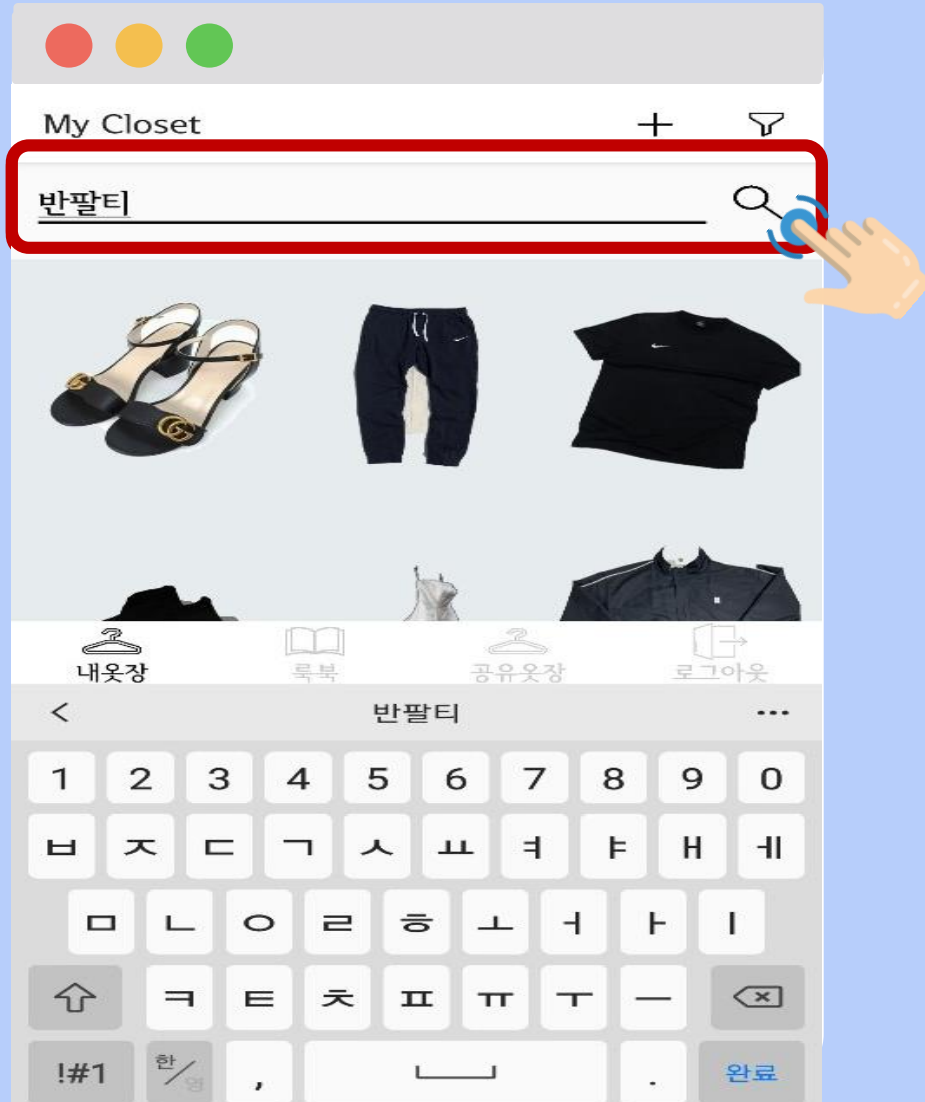
XL

5000



06

Scenario - my closet

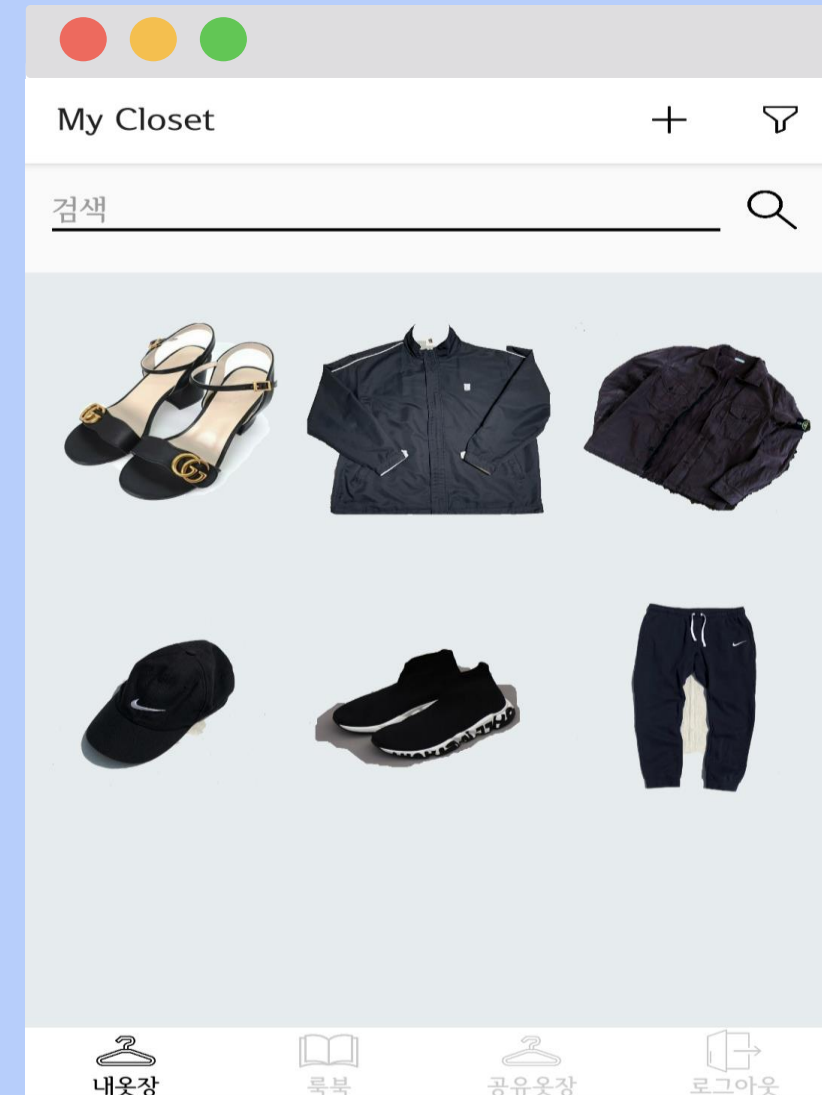
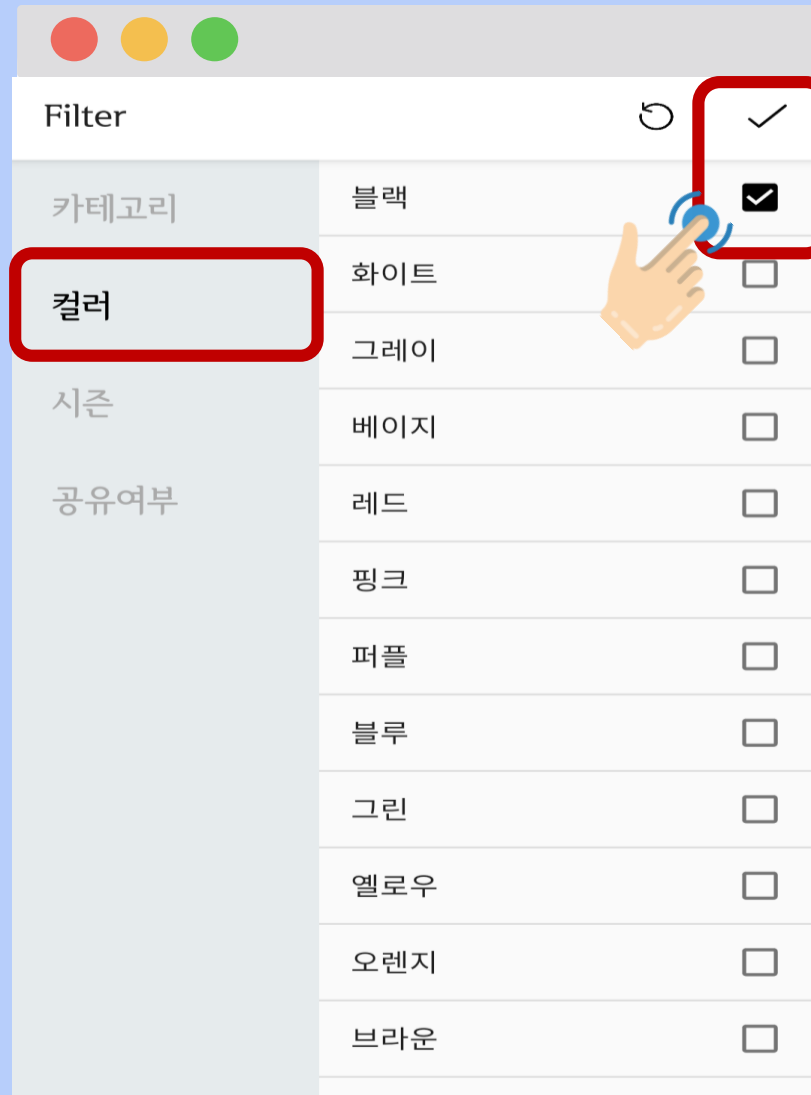
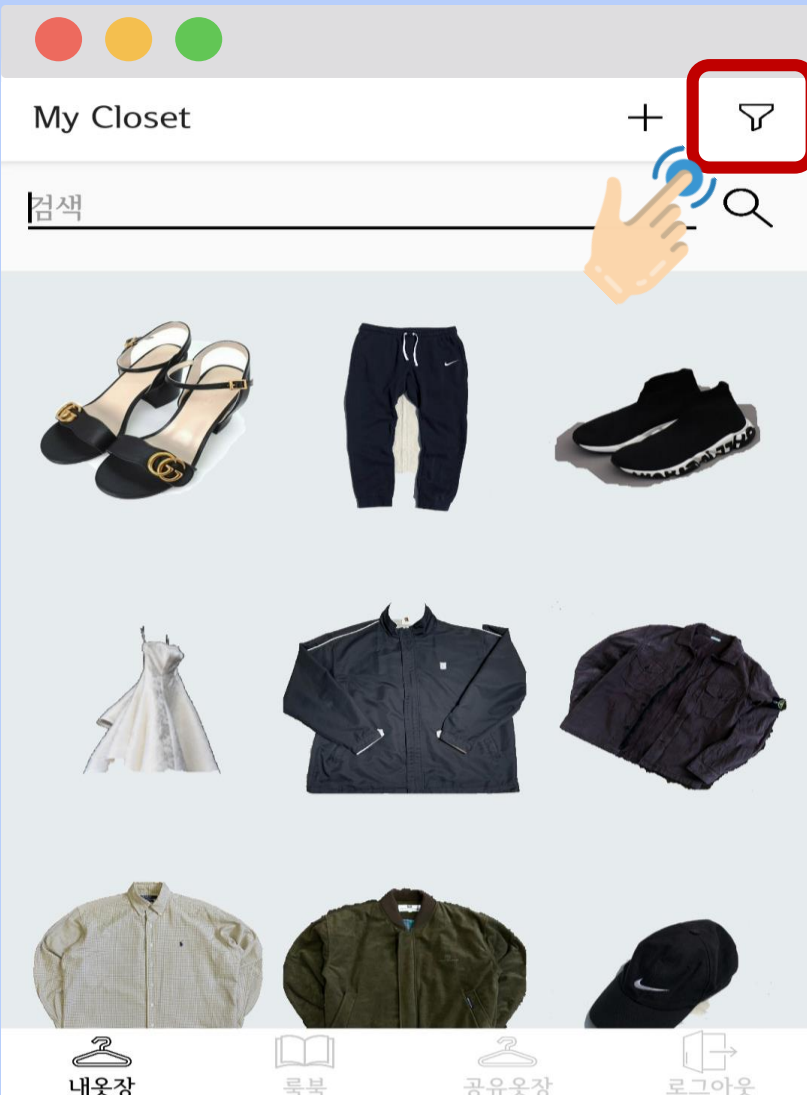


06

Scenario - my closet



Filter

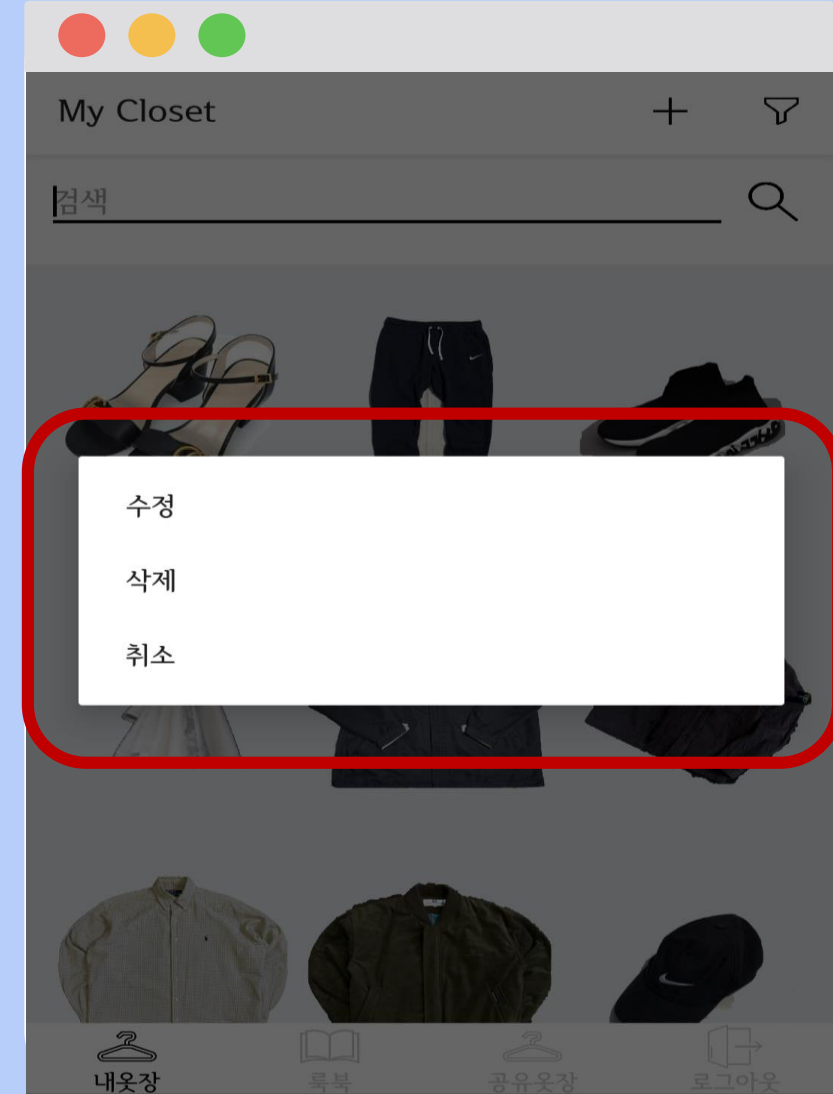
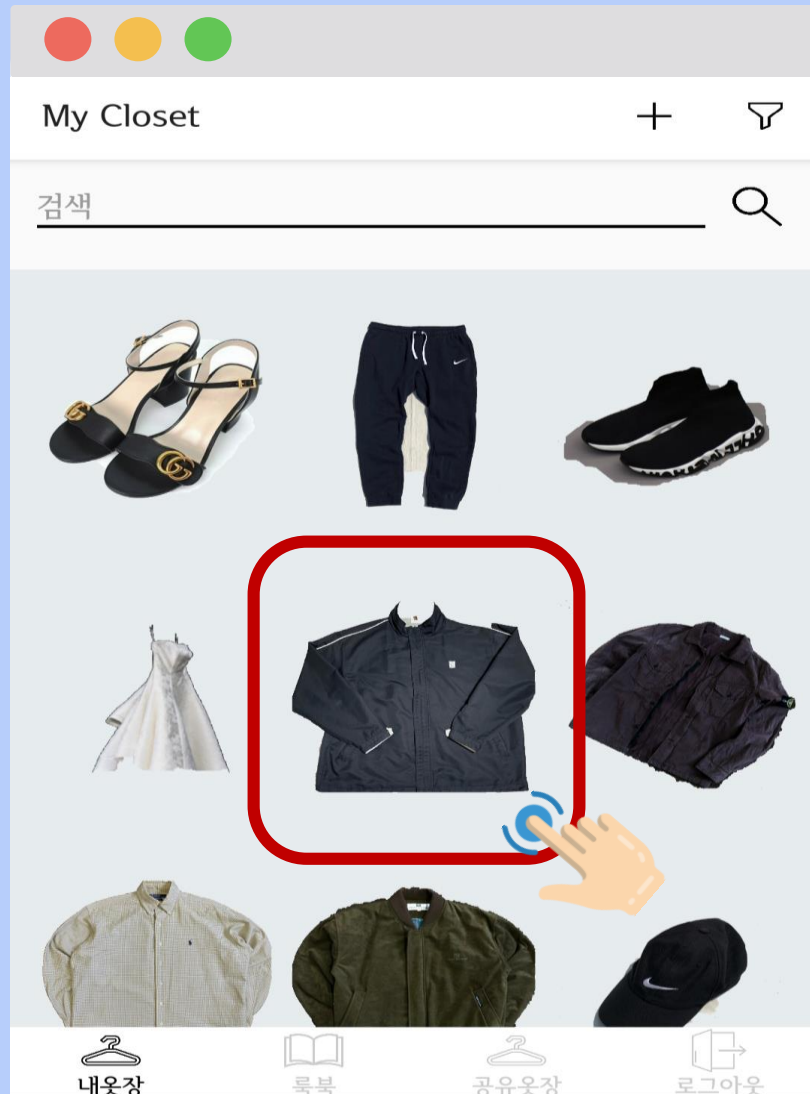


06

Scenario - my closet

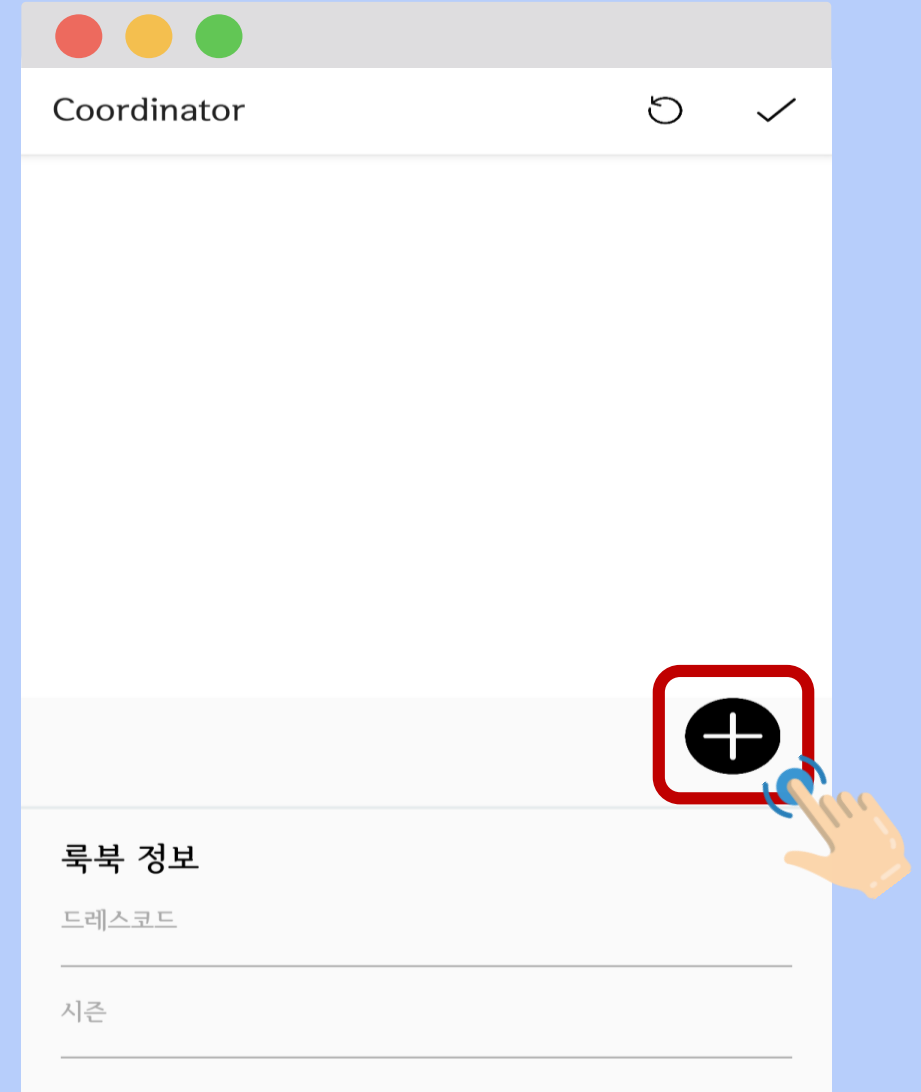


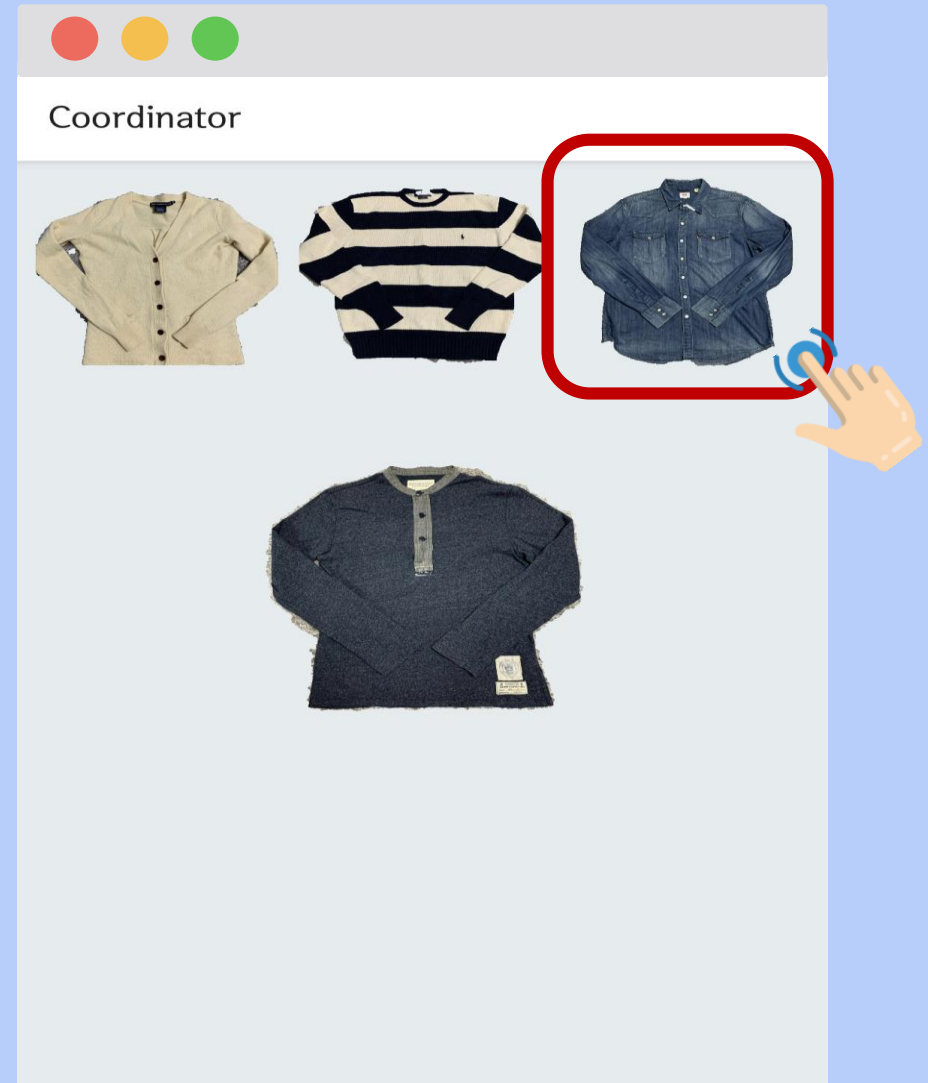
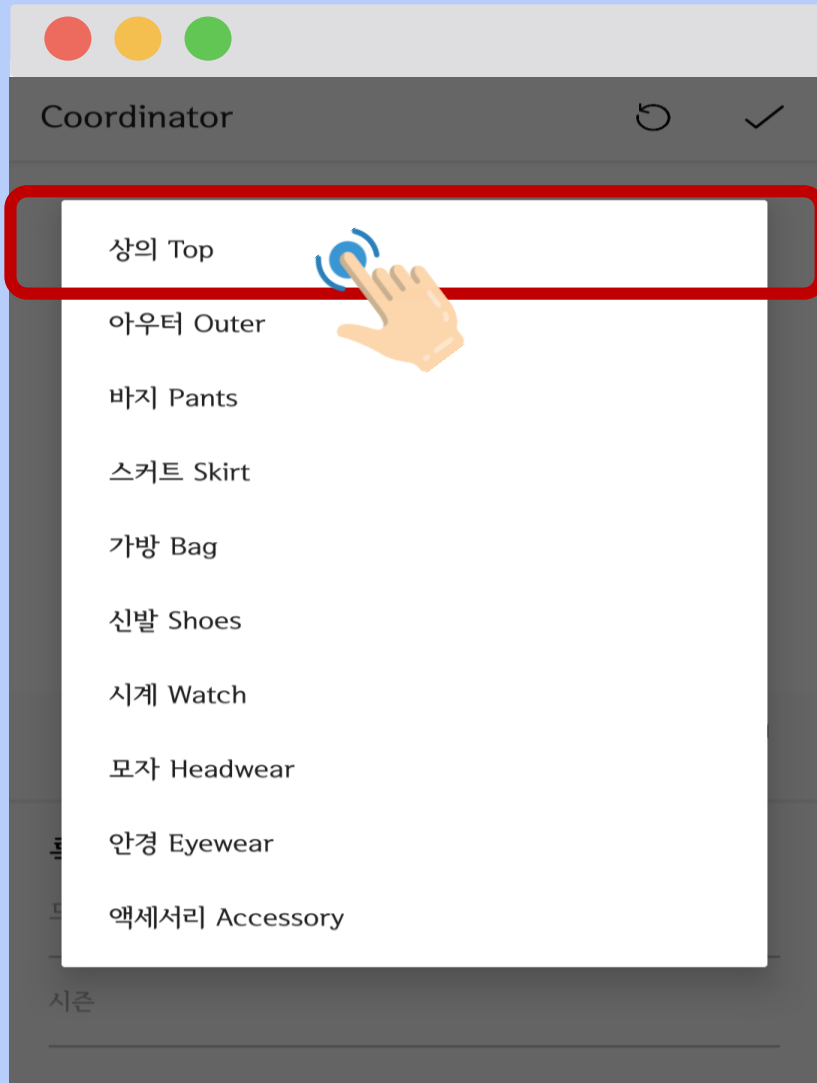
Delete & Modify



06

Scenario - look book





06



Scenario - look book



Coordinator

↺

✓



+

룩북 정보


드레스코드

시즌

Coordinator

↺

✓



+

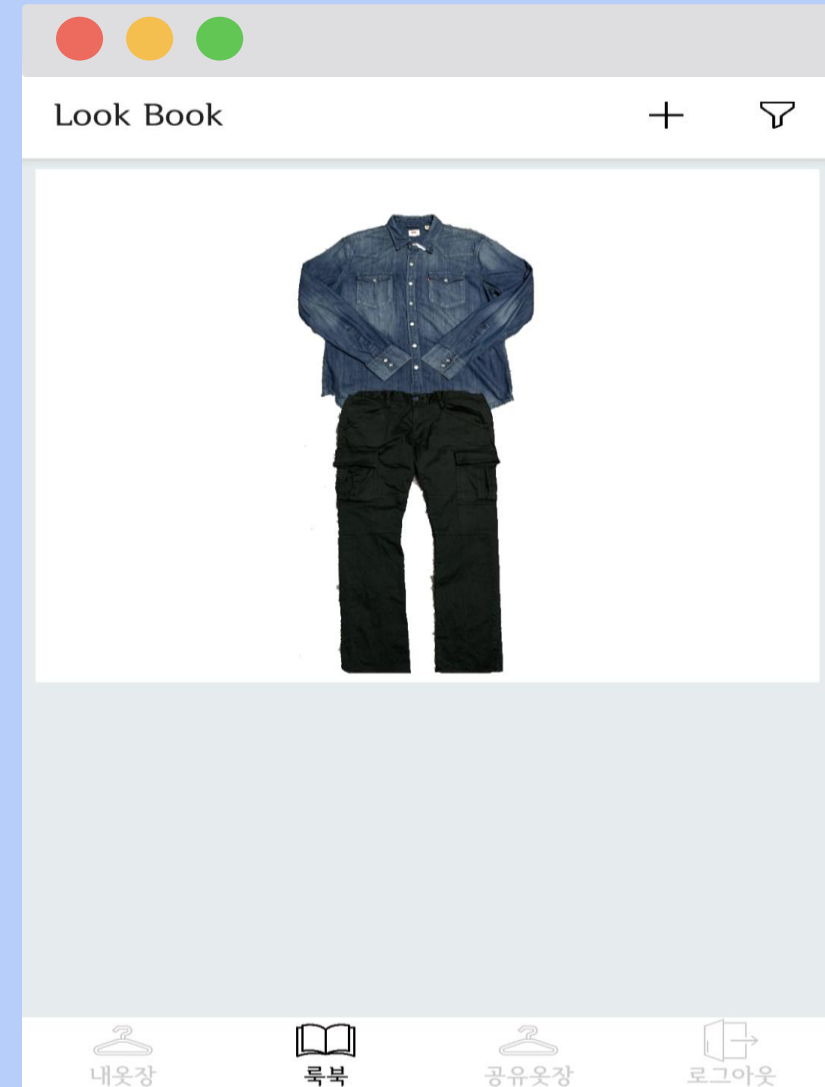
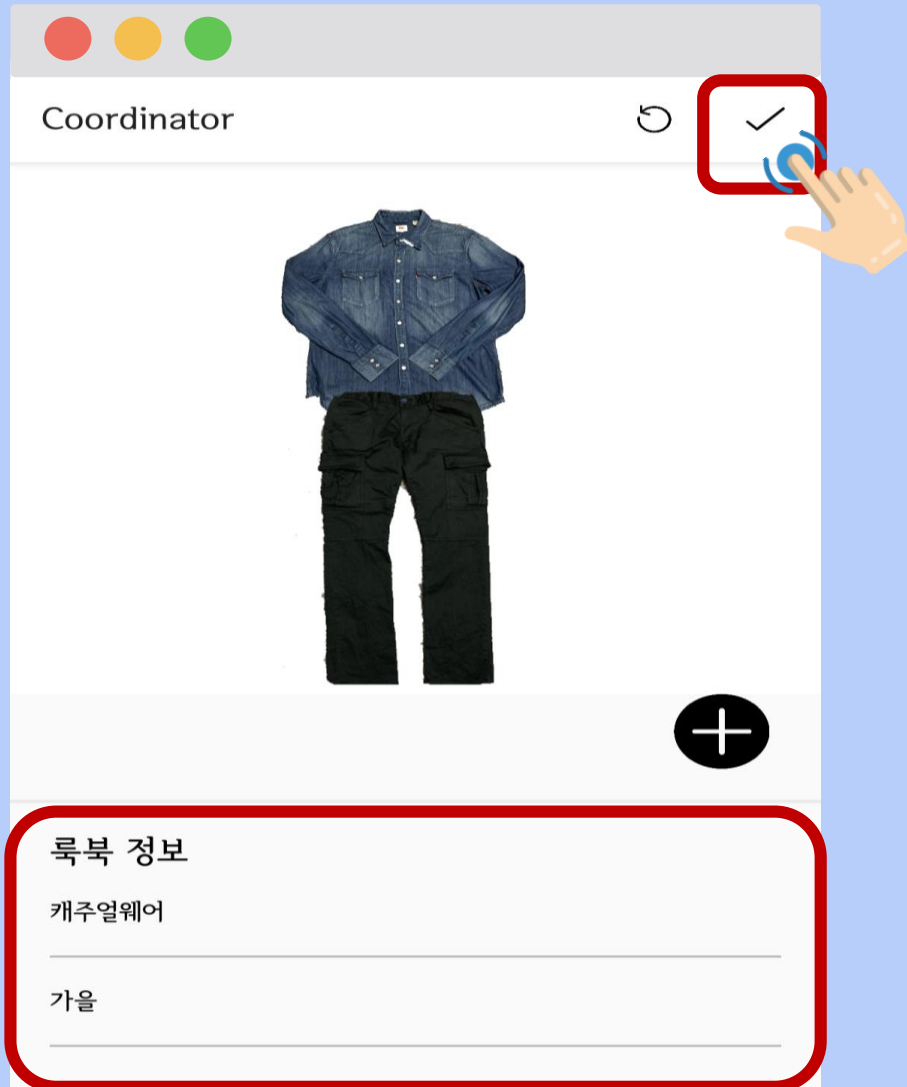
룩북 정보

드레스코드

시즌

06

Scenario - look book

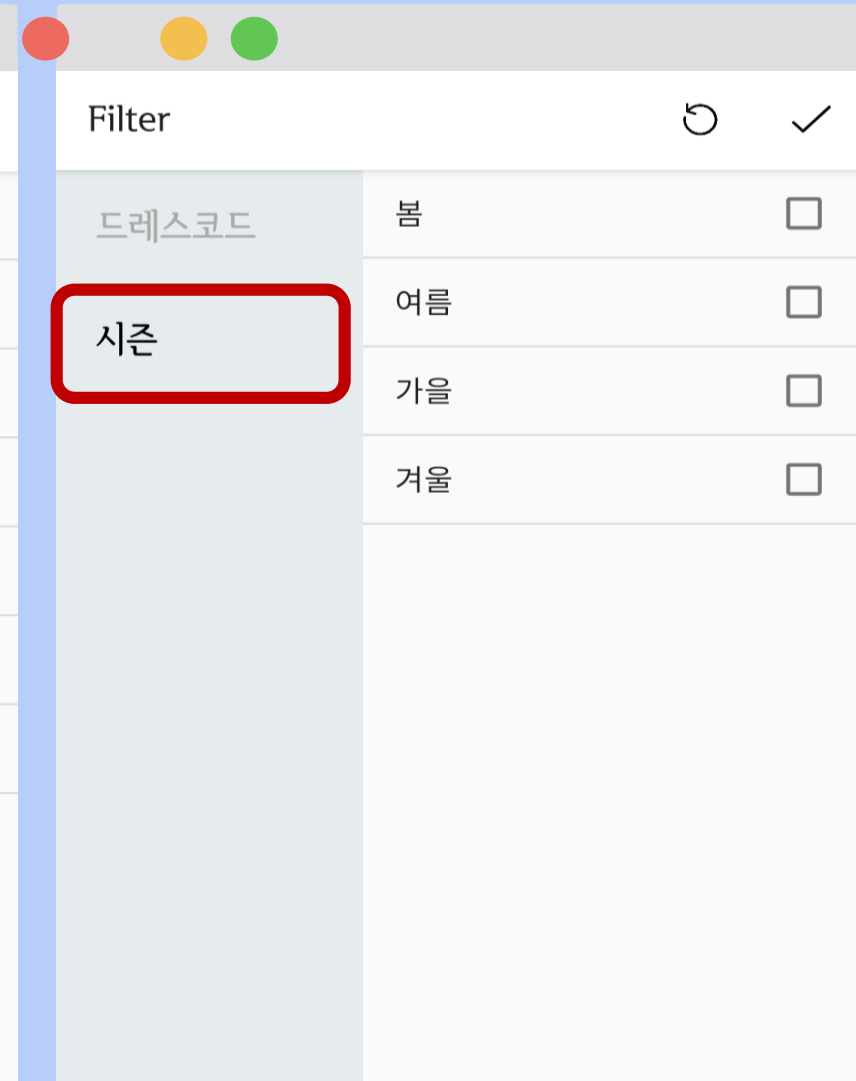
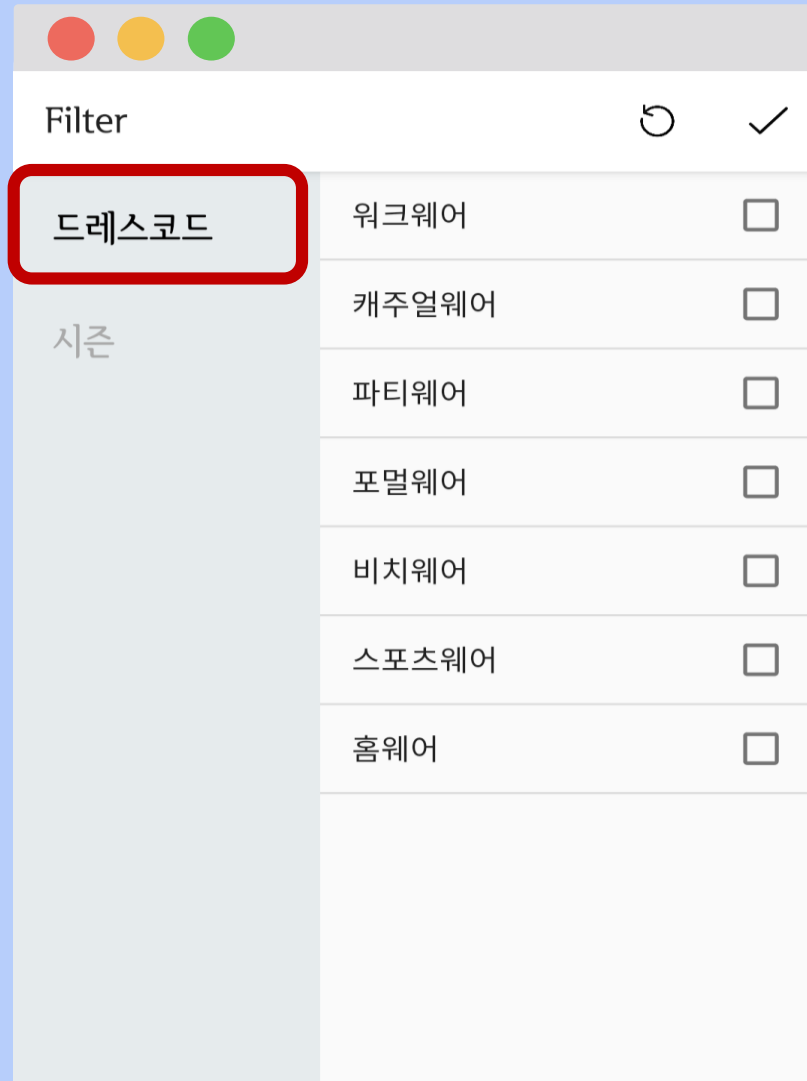


06

Scenario - look book



Filter

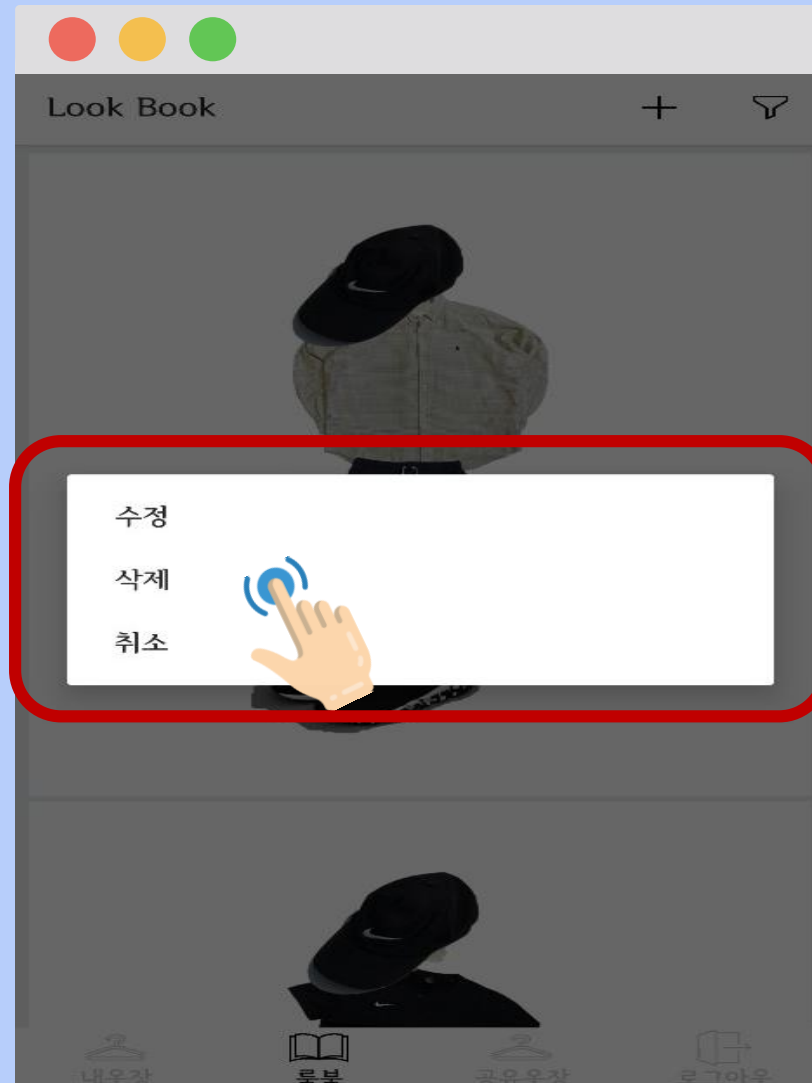
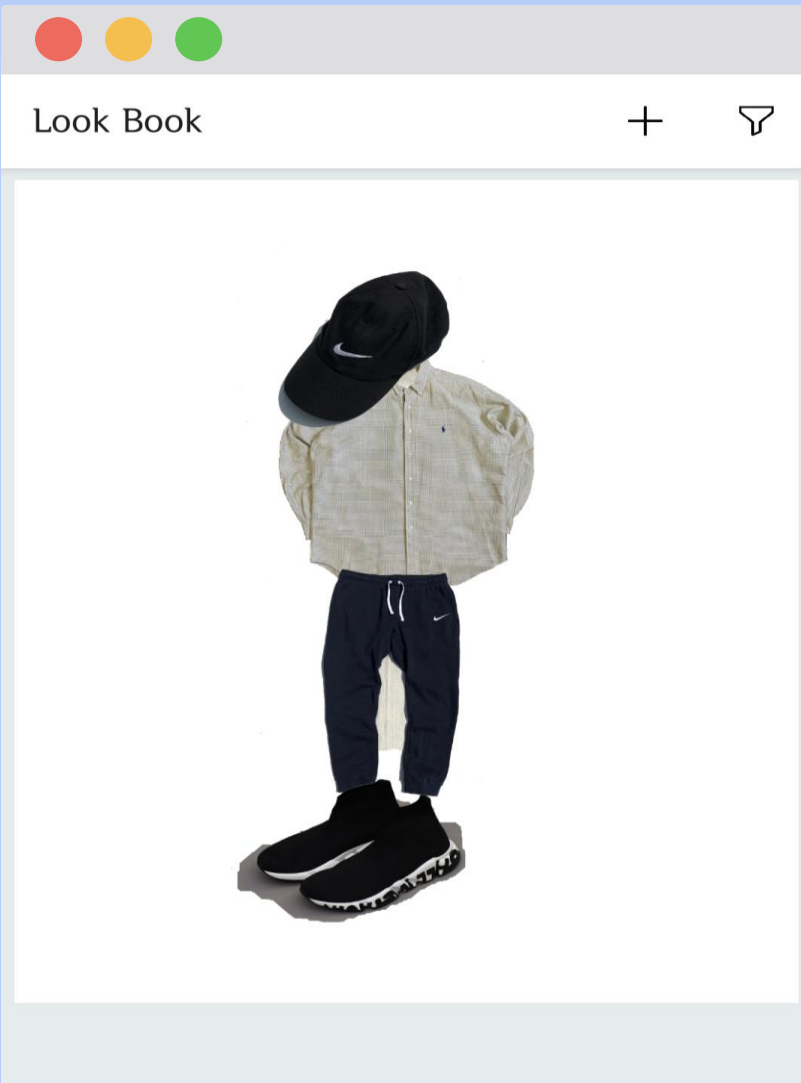


06

Scenario - look book



Delete & Modify

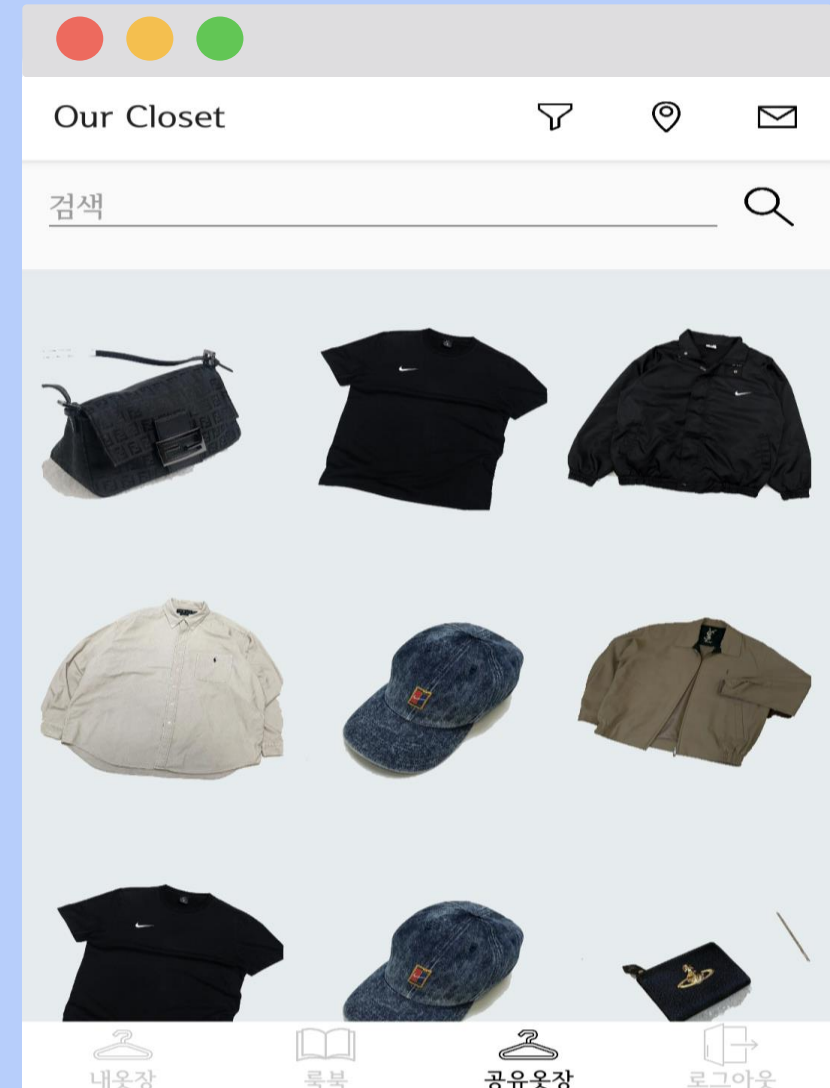
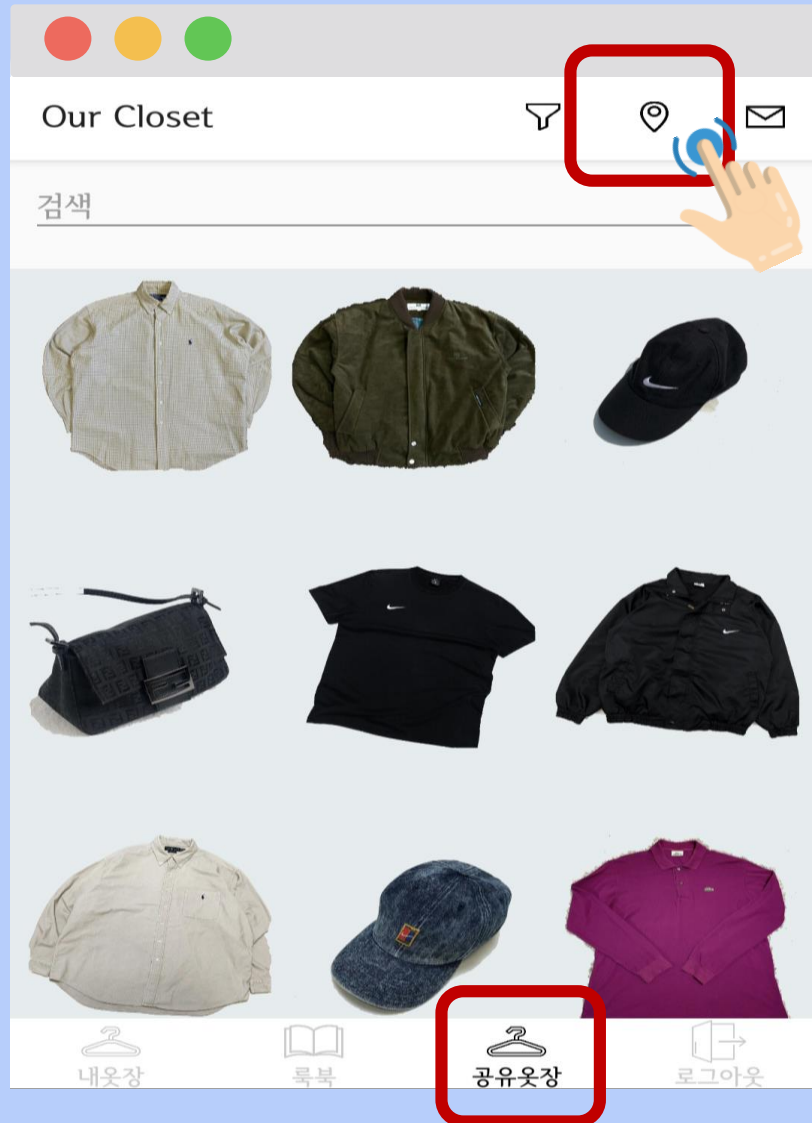


06

Scenario - our closet

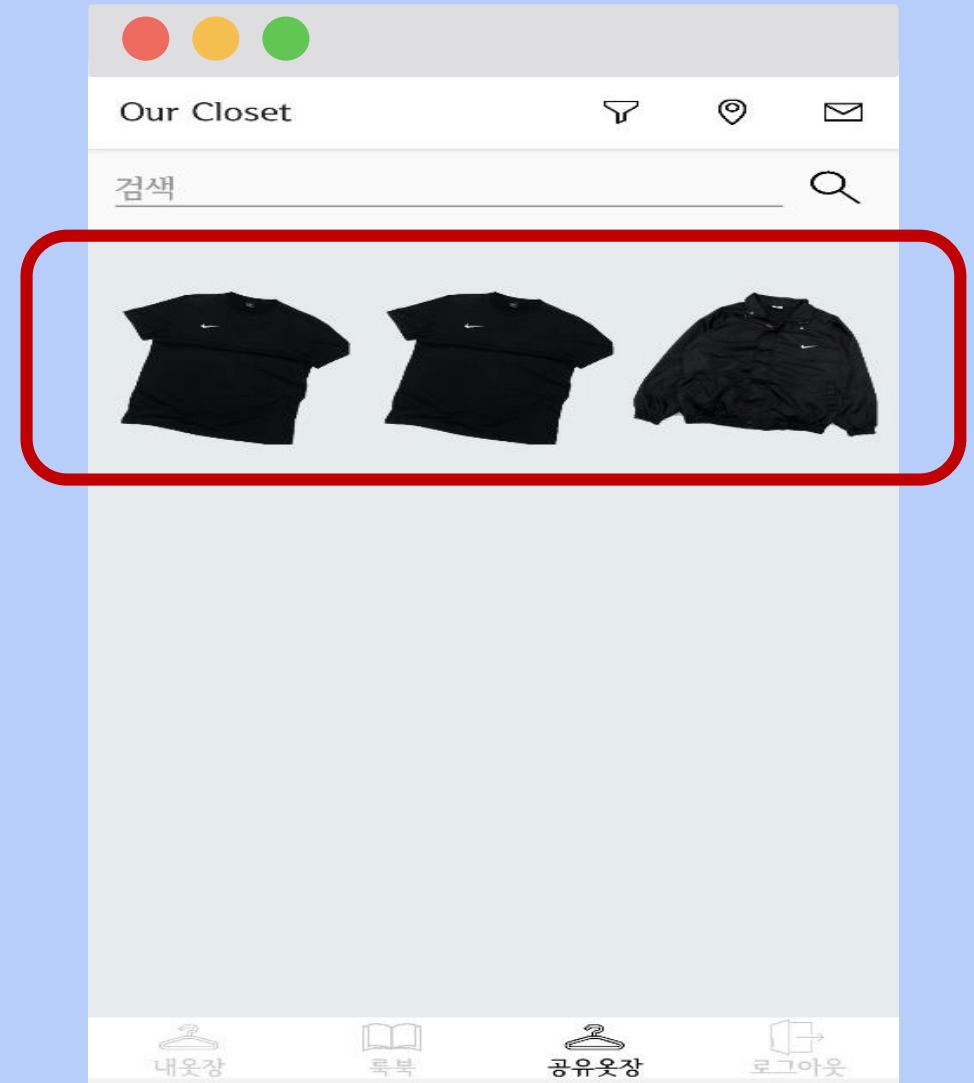
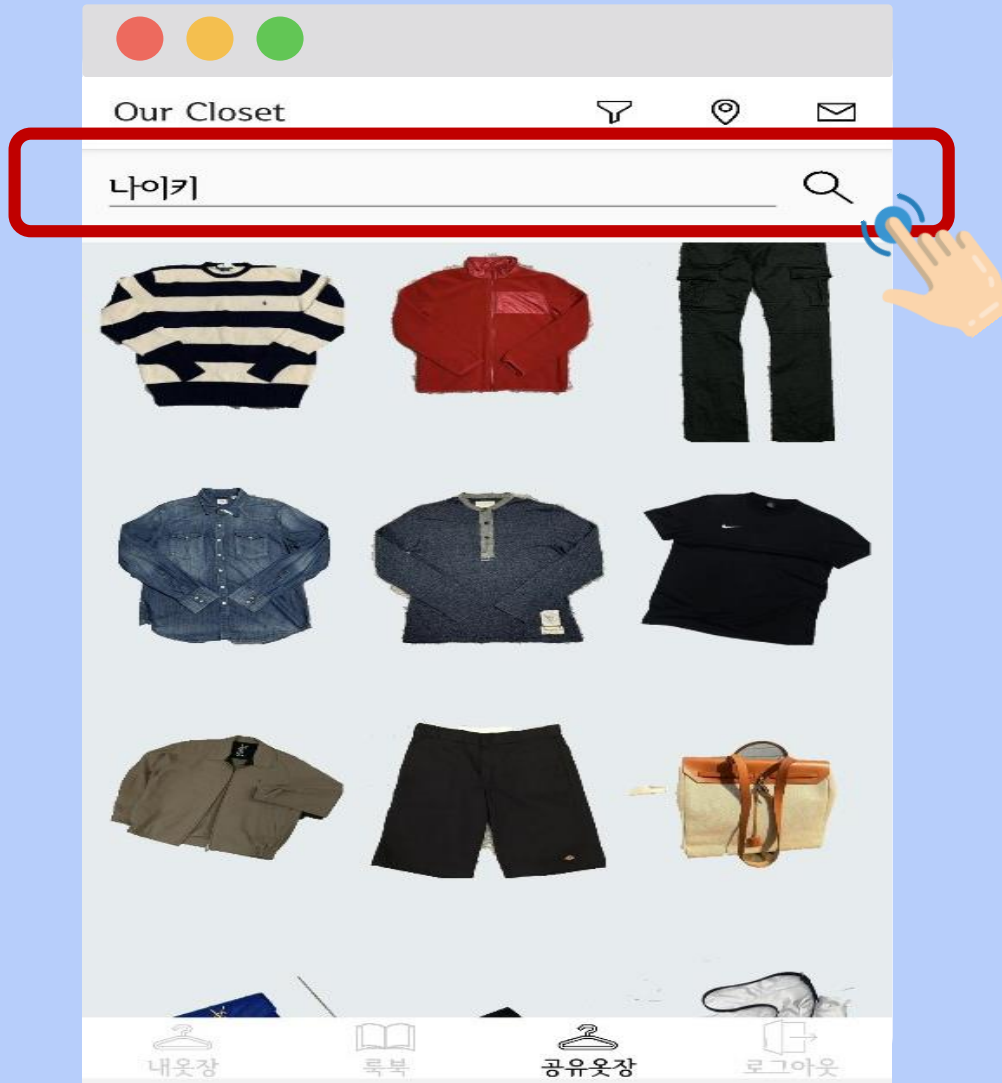


In order of distance



06

Scenario - our closet

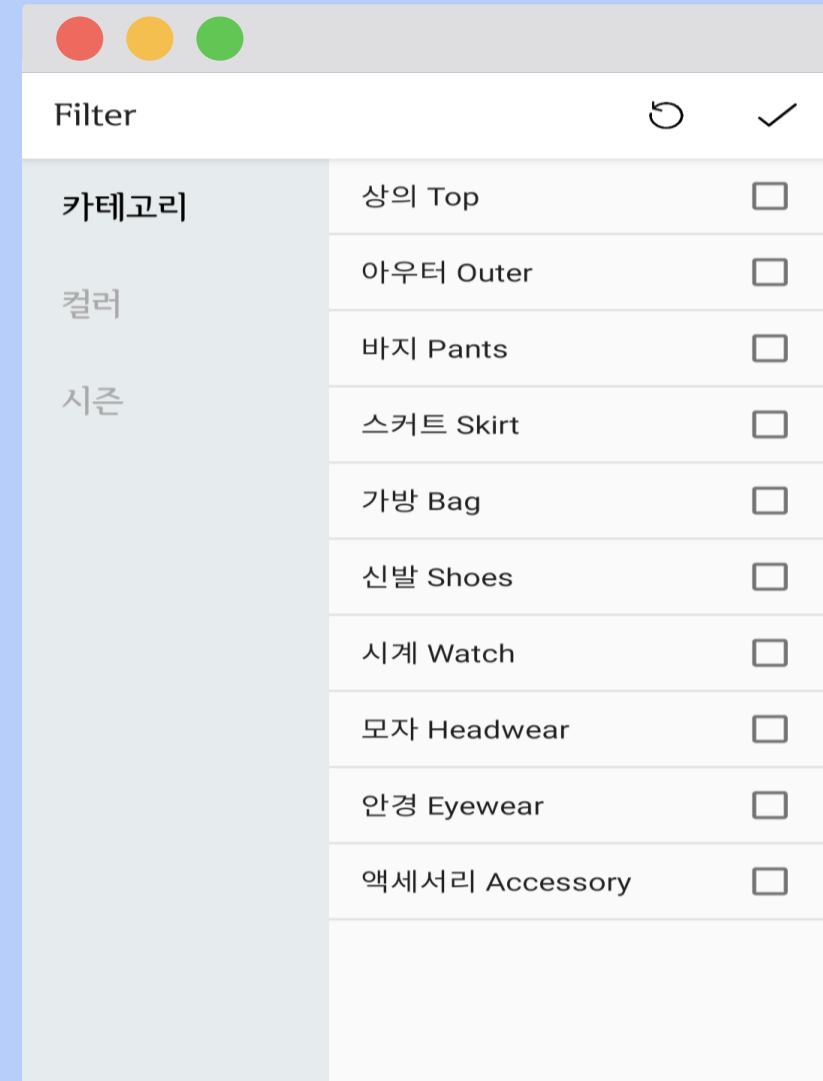
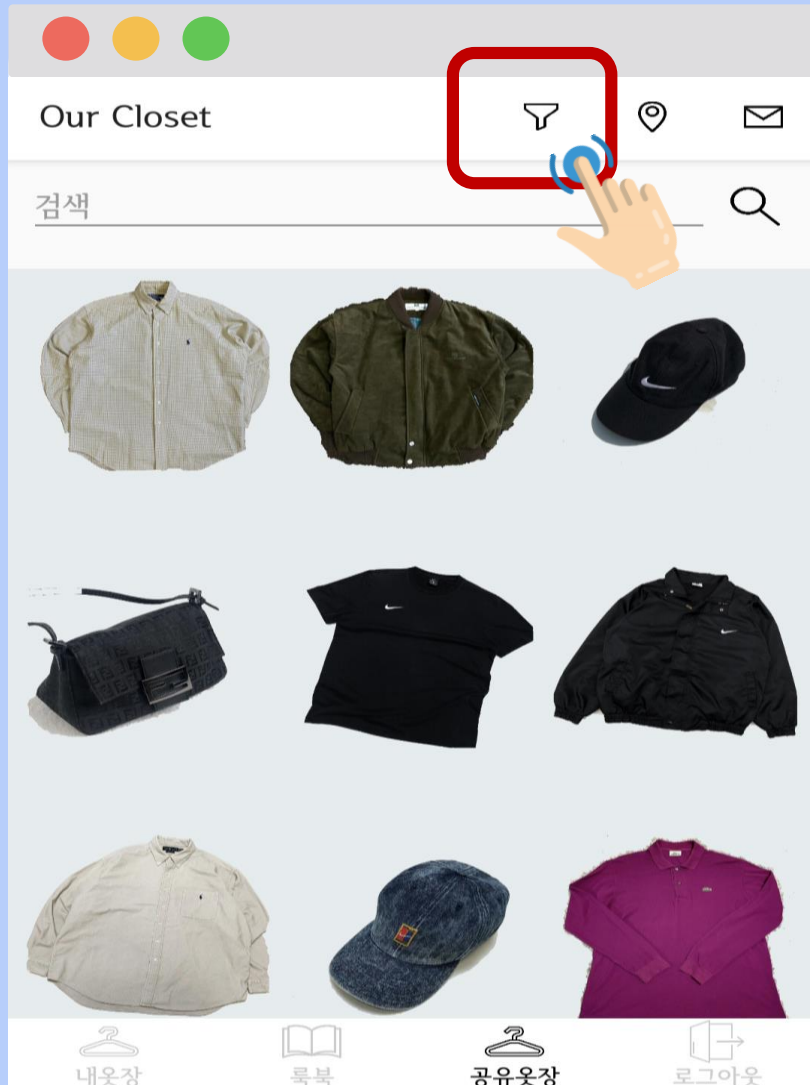


06

Scenario - our closet

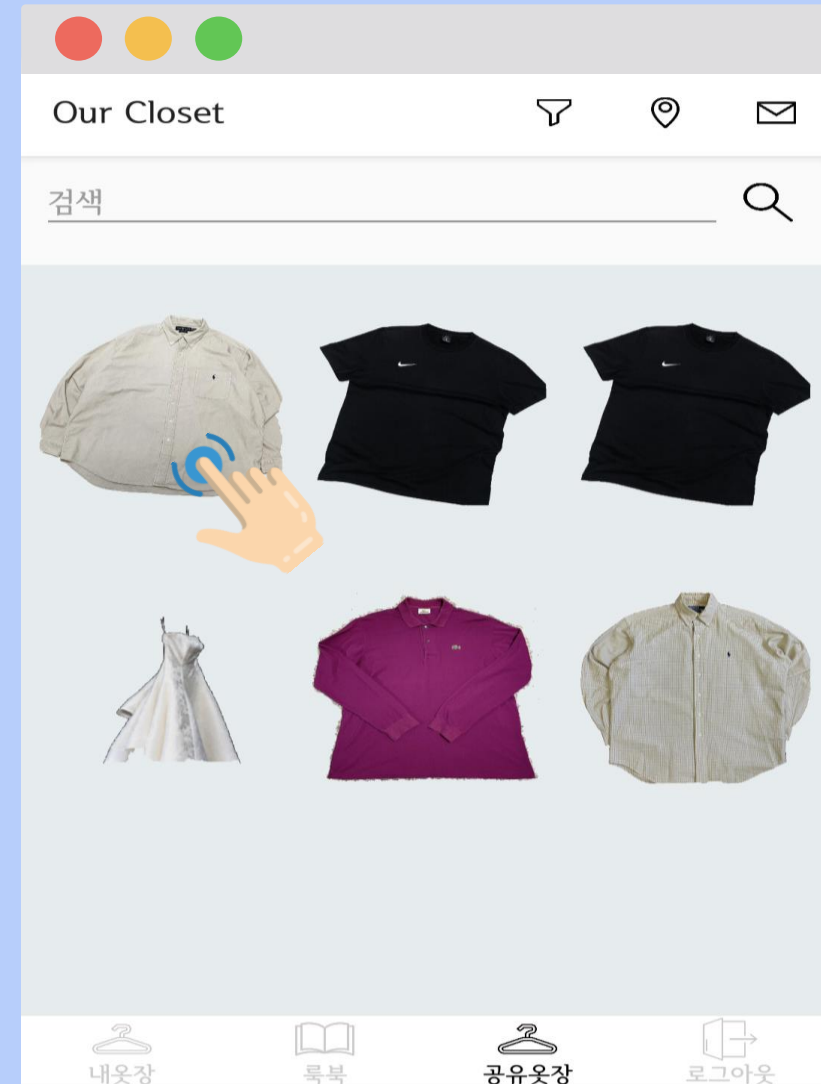
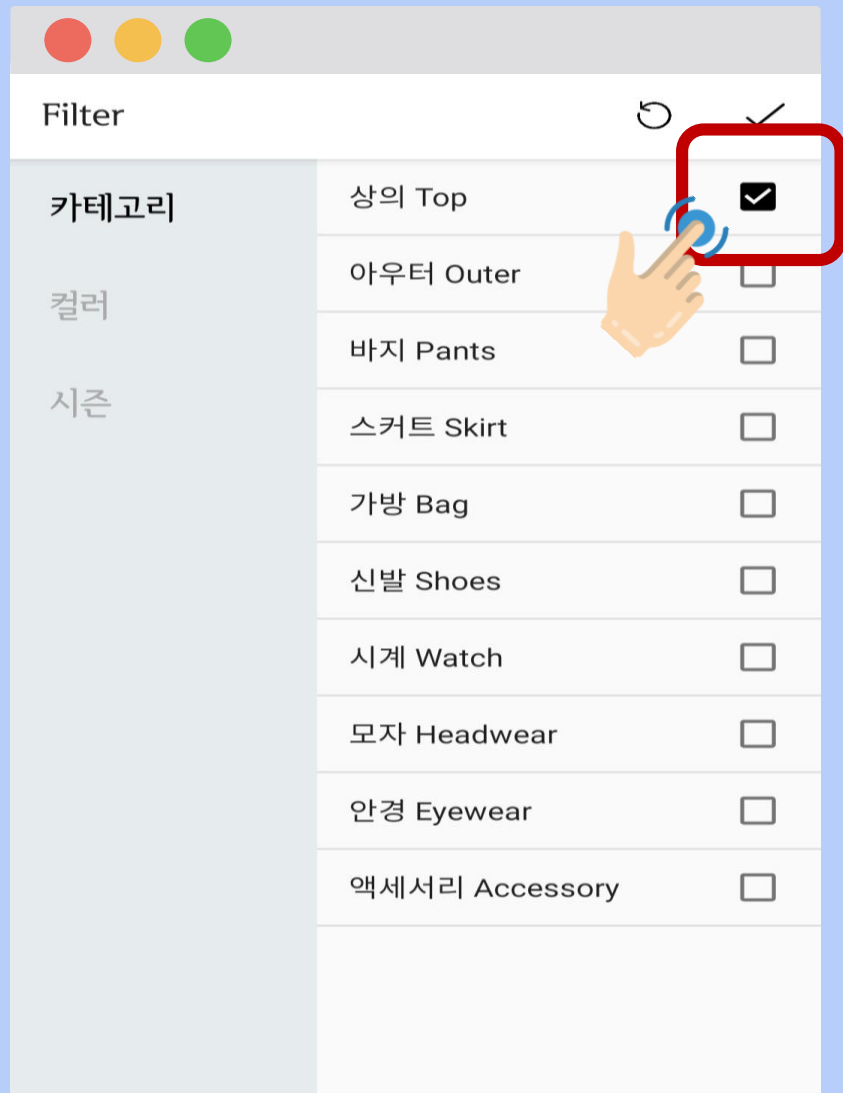


Filter



06

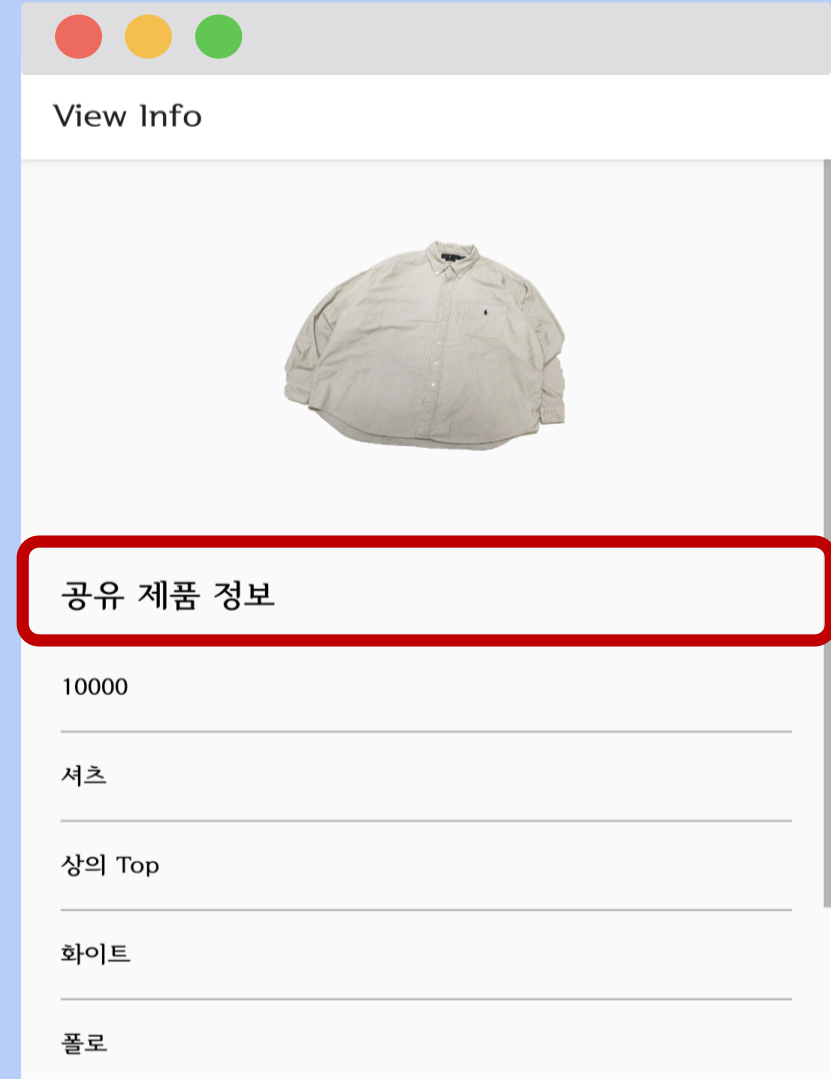
Scenario - our closet



06

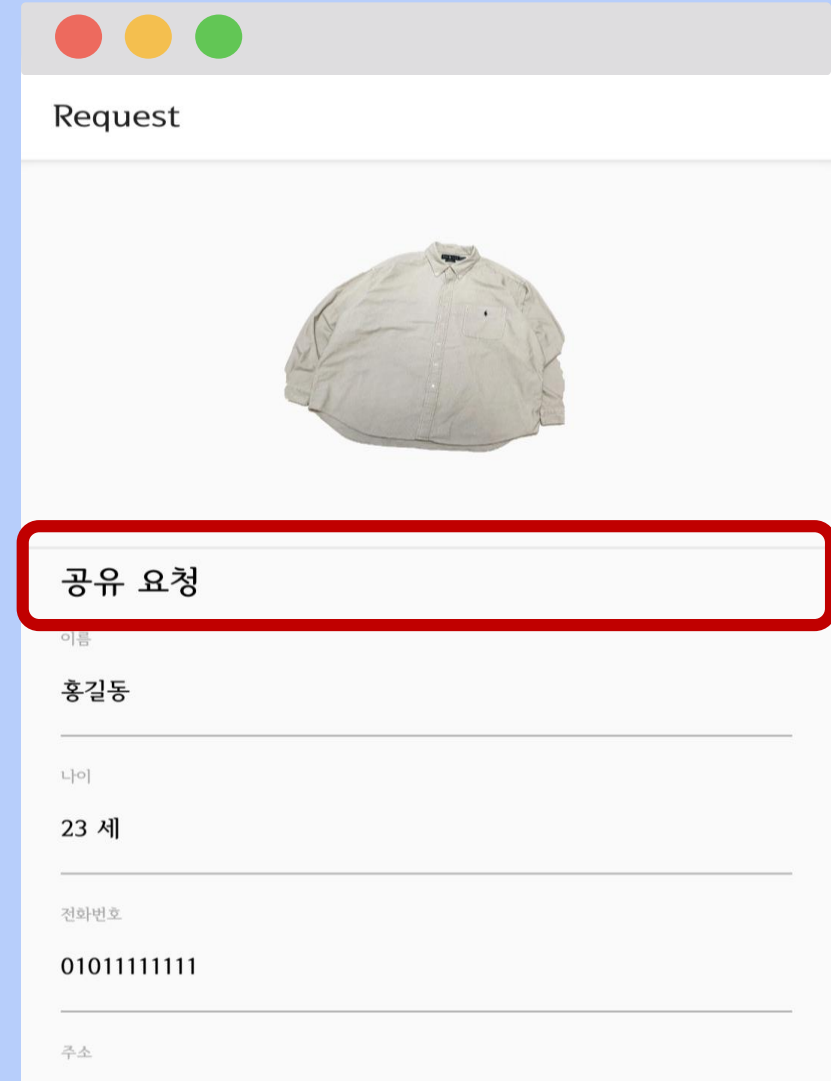
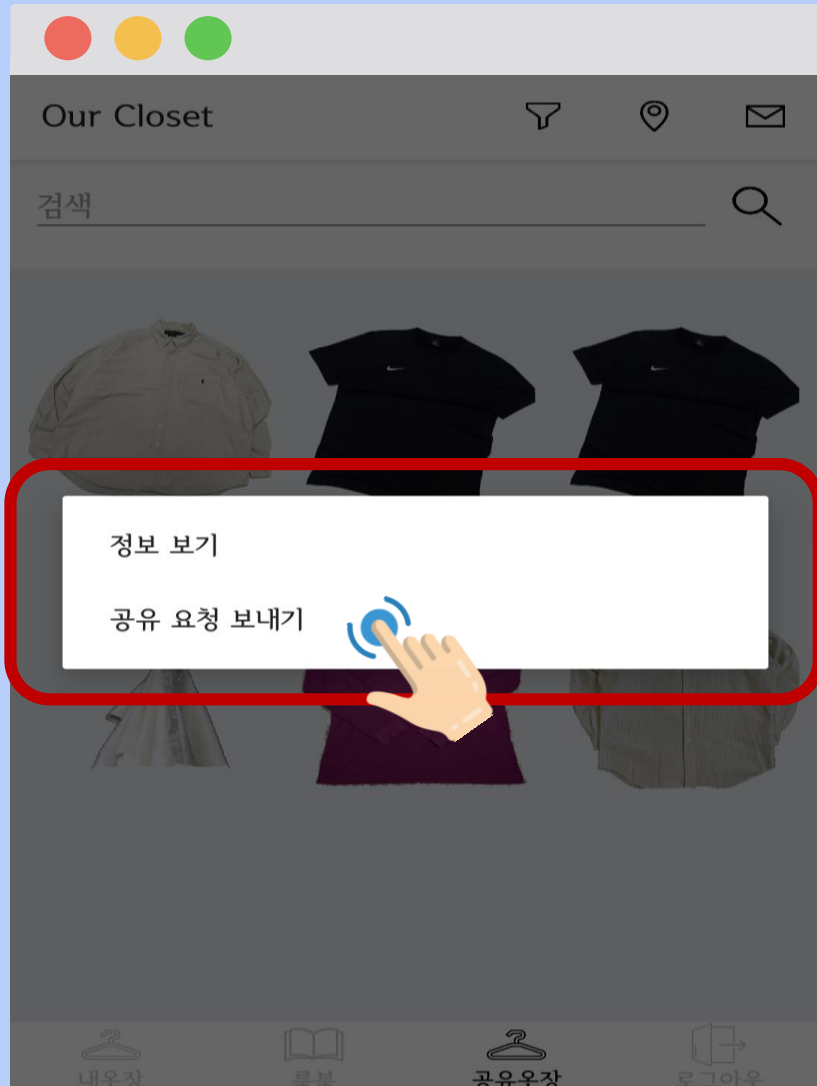
Scenario - our closet

✓ product's info.



06

Scenario - our closet



06

Scenario - our closet



Request

공유 요청

이름

홍길동

나이

23 세

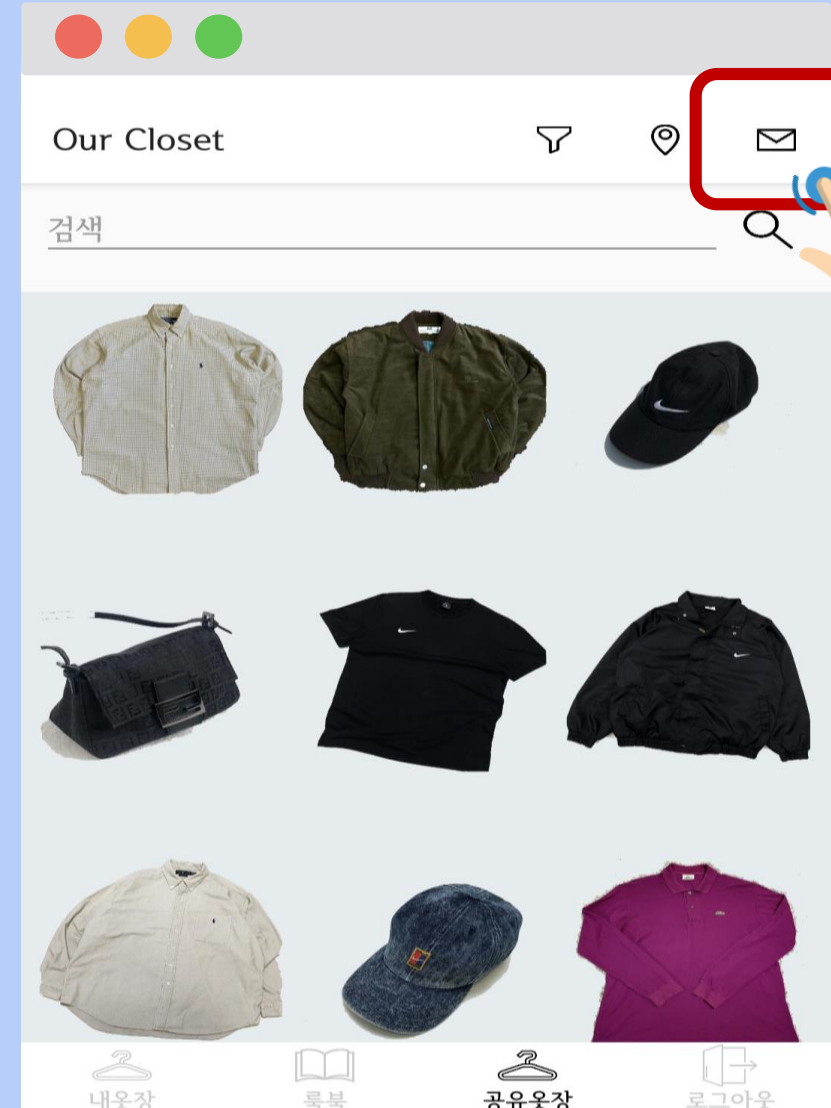
전화번호

01011111111

주소

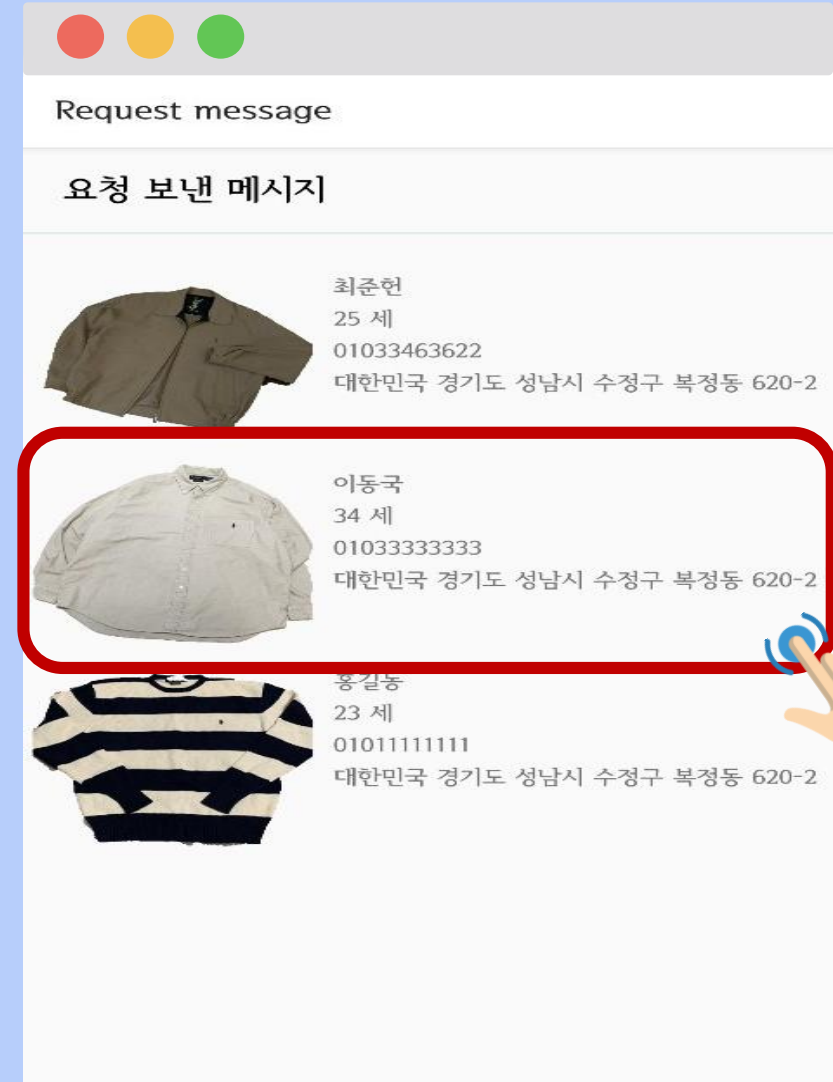
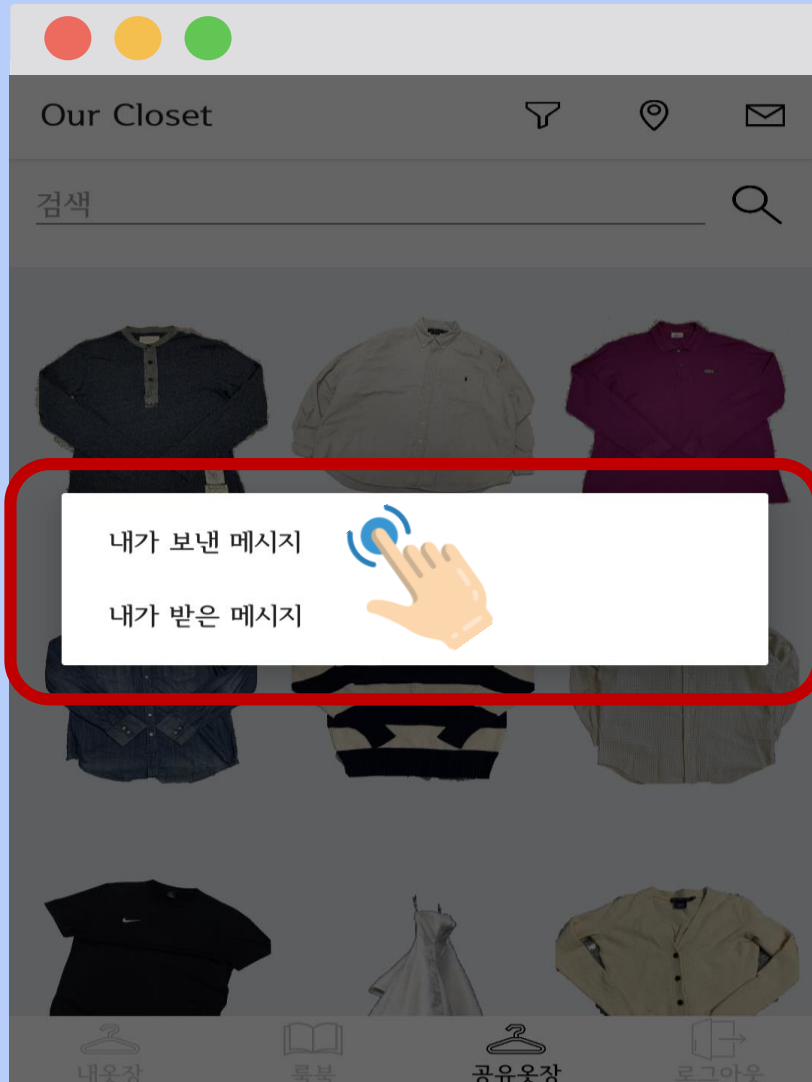
대한민국 경기도 성남시 수정구 복정동 620-2

요청





message

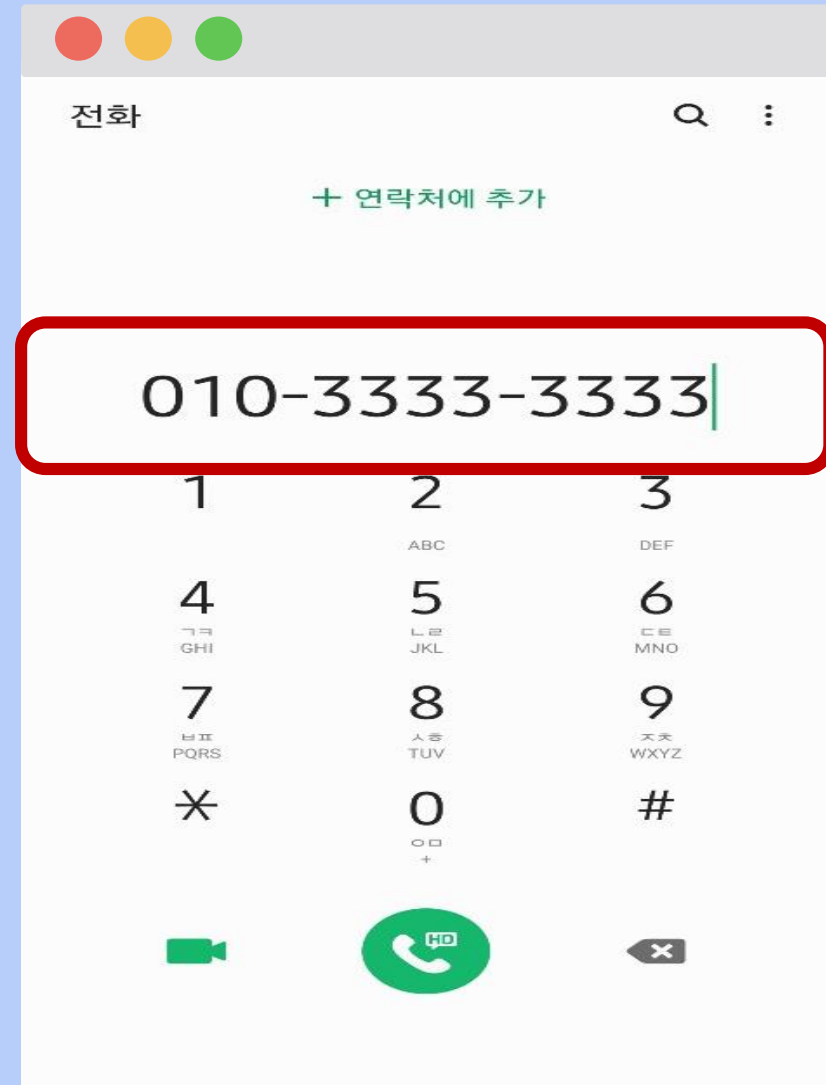
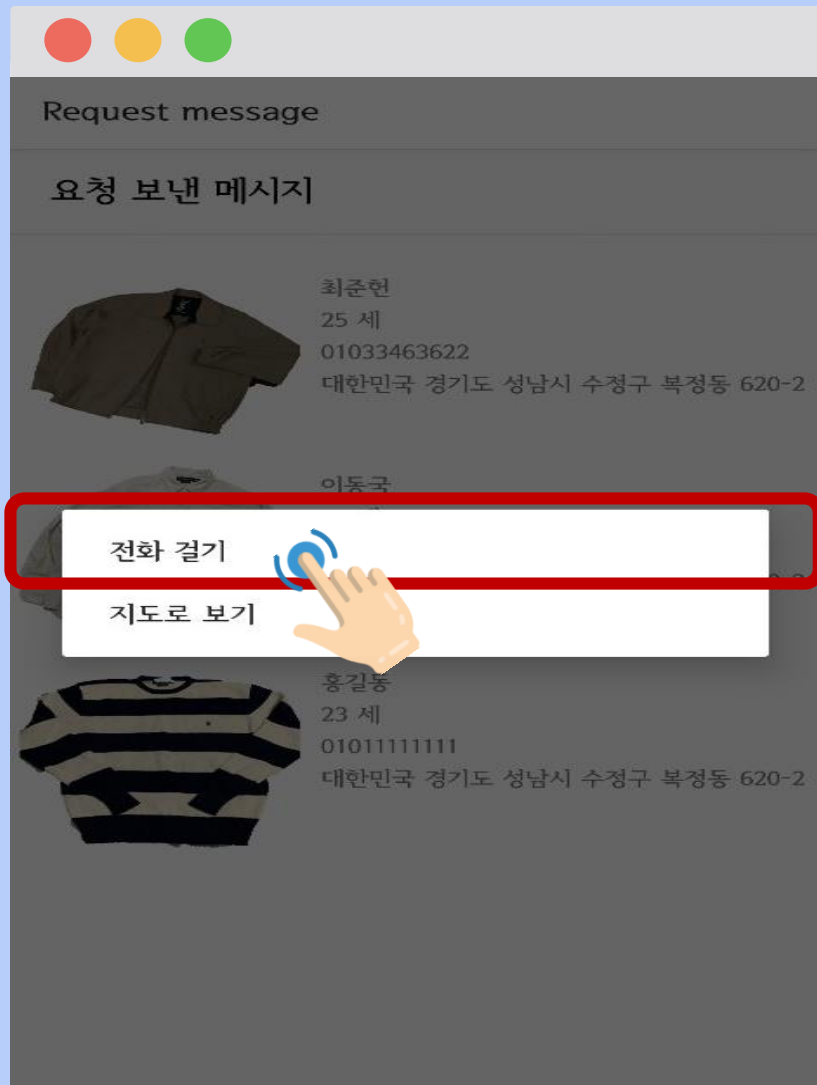


06

Scenario - our closet



message

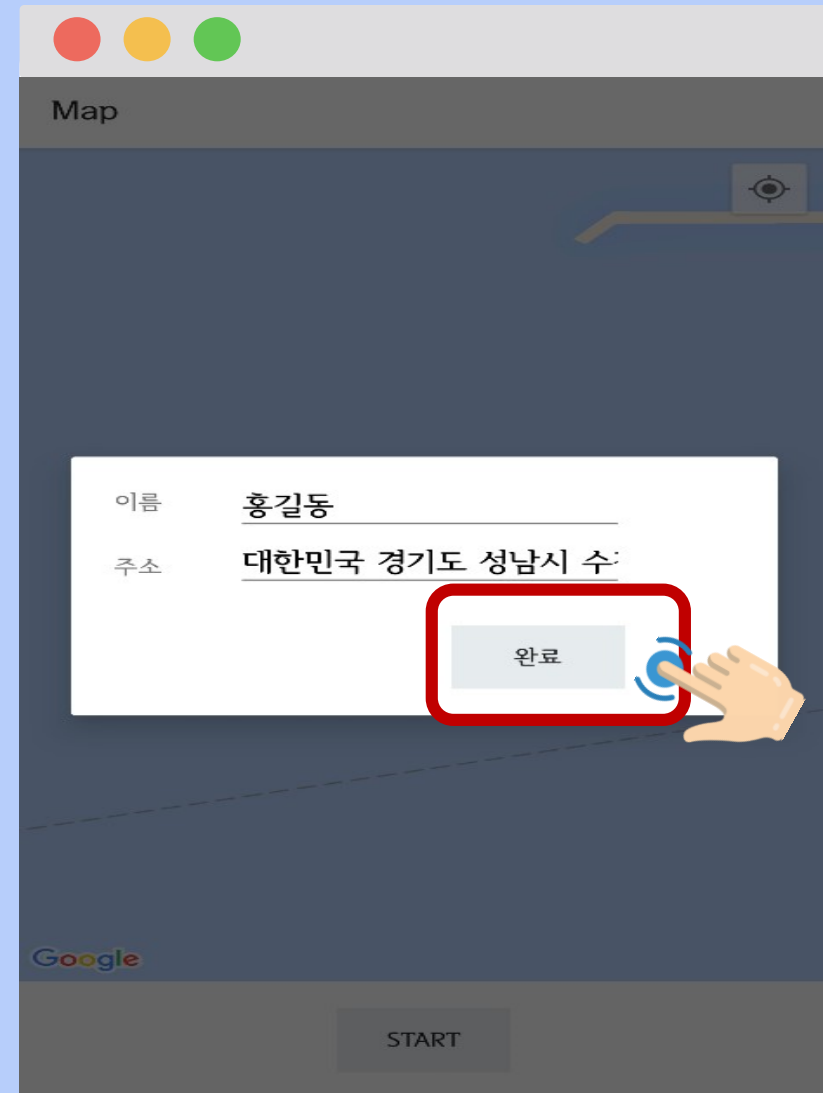
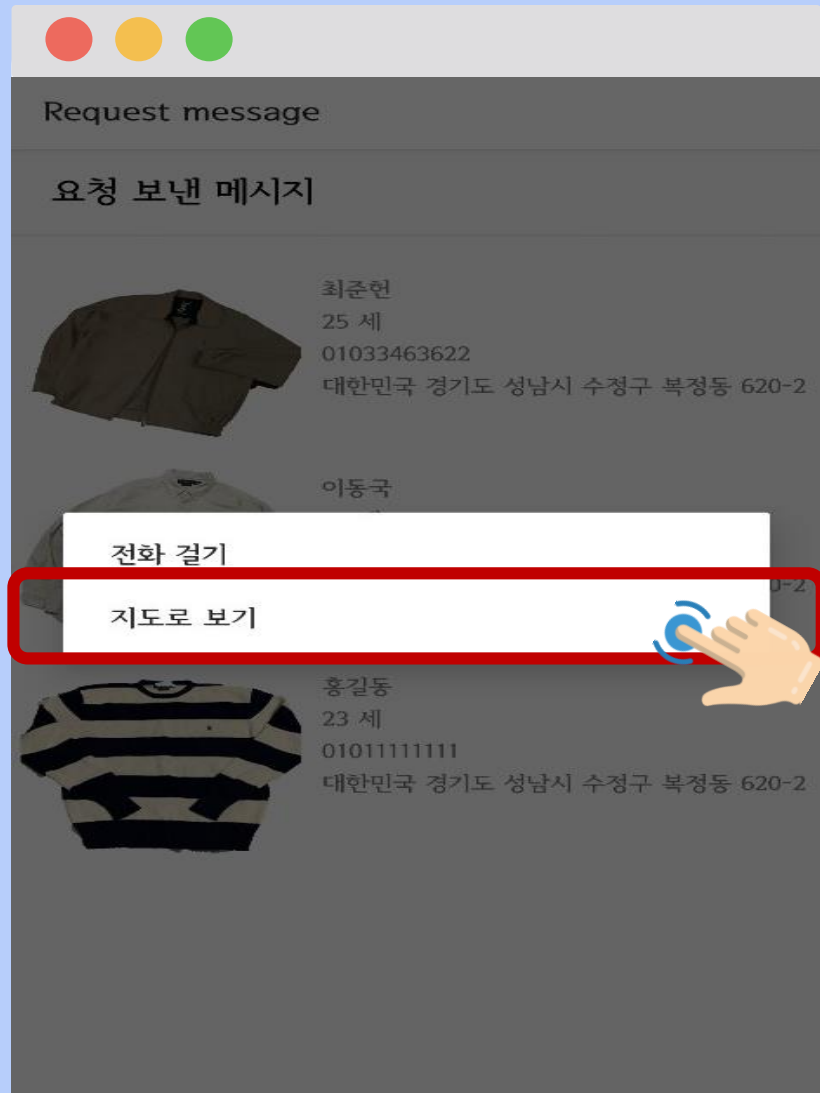


06

Scenario - our closet



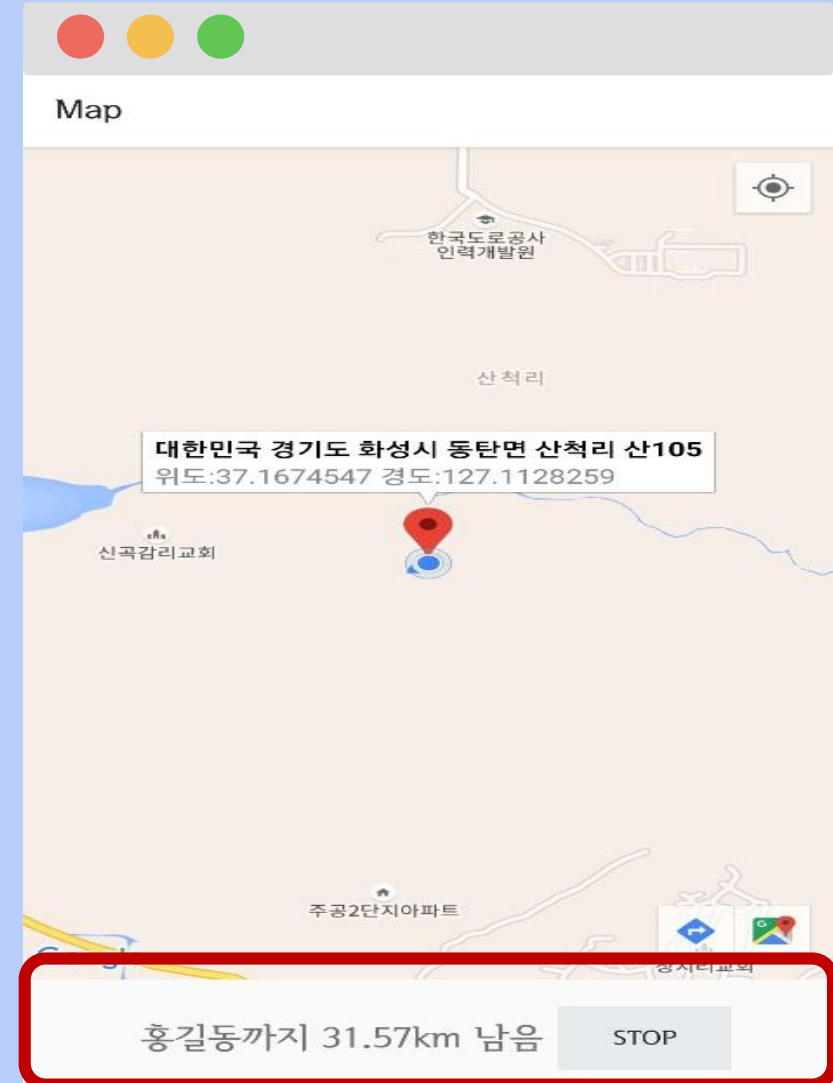
message



Scenario - our closet

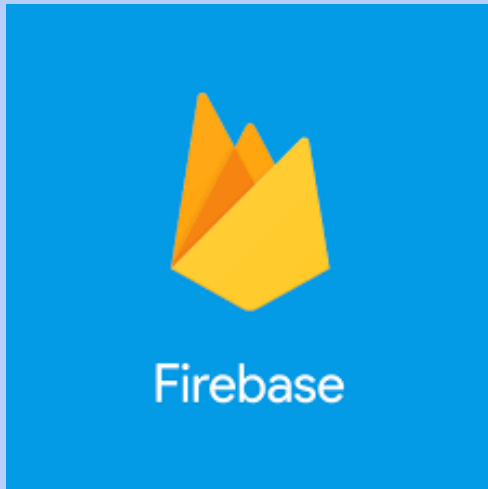


message





Function



● Database



● GPS
Google map



● Image processing

07 Technology



UI



- Image display



- AlertDialog



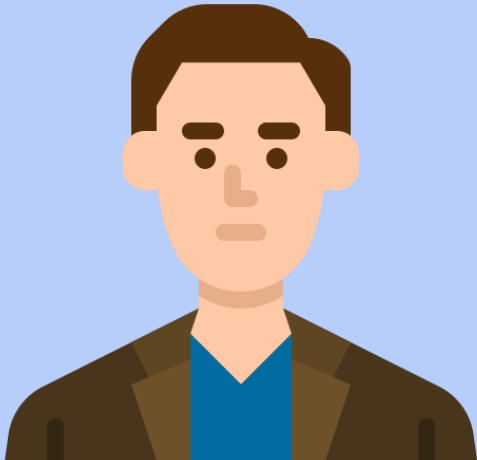
- 이진원

- Image processing using OpenCV
- Graphic UI design
- Make presentation
- Proposal, Final report



- 최준현

- Programming entire android, UI
- Implement Search, Filter, Message functions
- Implement functions related about GPS
 - Get current location
 - Show shared products by distance
 - Show distance from others using map
- Manage GitHub
- Final presentation



- 이 상 운

- Build database using firebase
- Implement function related about Database
 - Log-in, Sign-up, Store info.
 - Add, Modify, Delete, Share Request
- Proposal presentation

09 Project contribution



Sign Up

회원가입

이메일

비밀번호

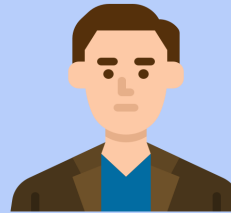
비밀번호 확인

회원가입

로그인



Sign-up & Log-in



이 상운 :

- Connect with Firebase
- Sign-up
- Log-in & Log-out

09 Project contribution



Enter Info

회원정보

이름

전화번호

생년월일

주소

확인

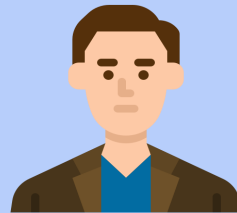


Store personal info.



최 준현 :

- Save current location information

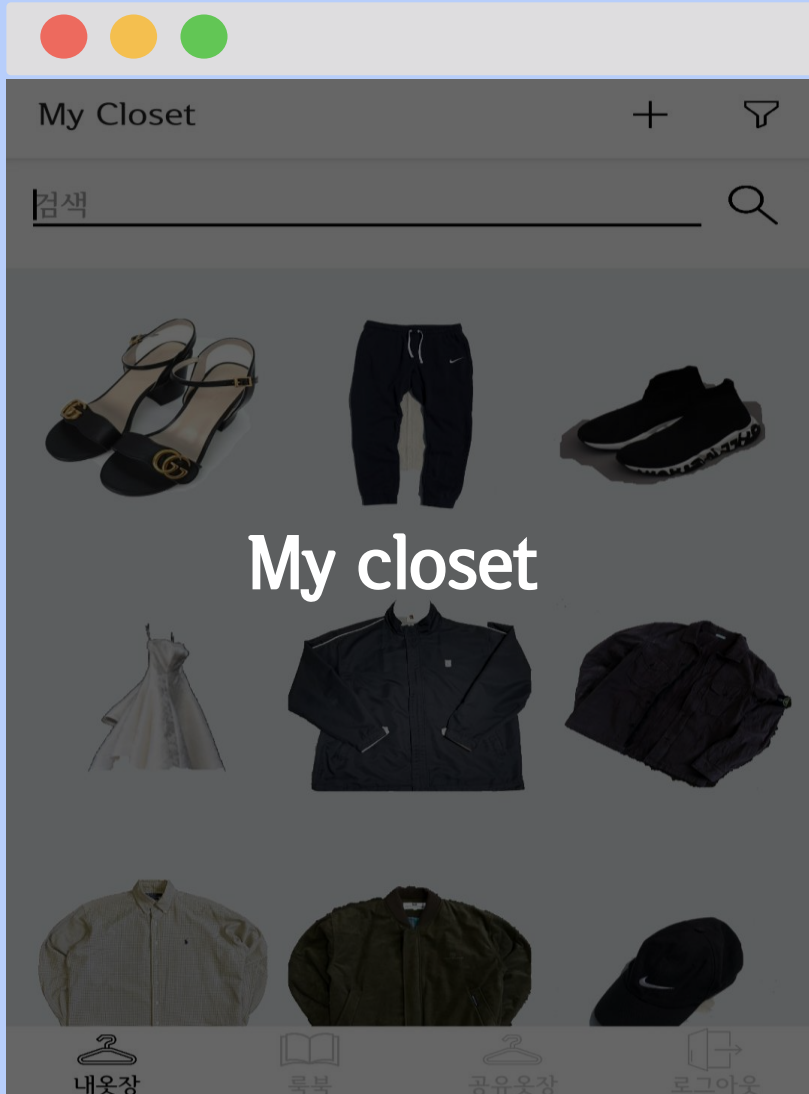


이 상운 :

- Store personal info.

09

Project contribution



Main



최 준현 :

- Show saved products on screen



Add



최 준현 :

- Interlock with camera and gallery.



이 상운 :

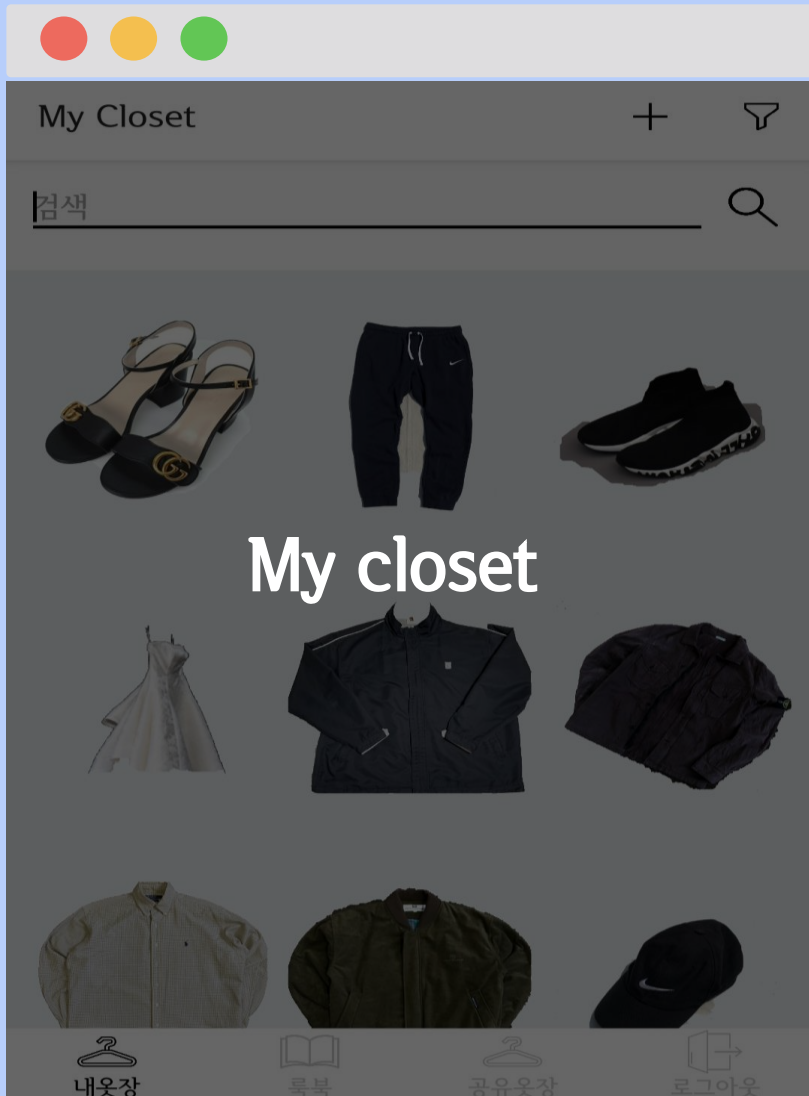
- Save product's image, information into database



이 진원 :

- Image processing

09 Project contribution



Filter & search



최 준현 :

- Compare information by filtering and searching criteria

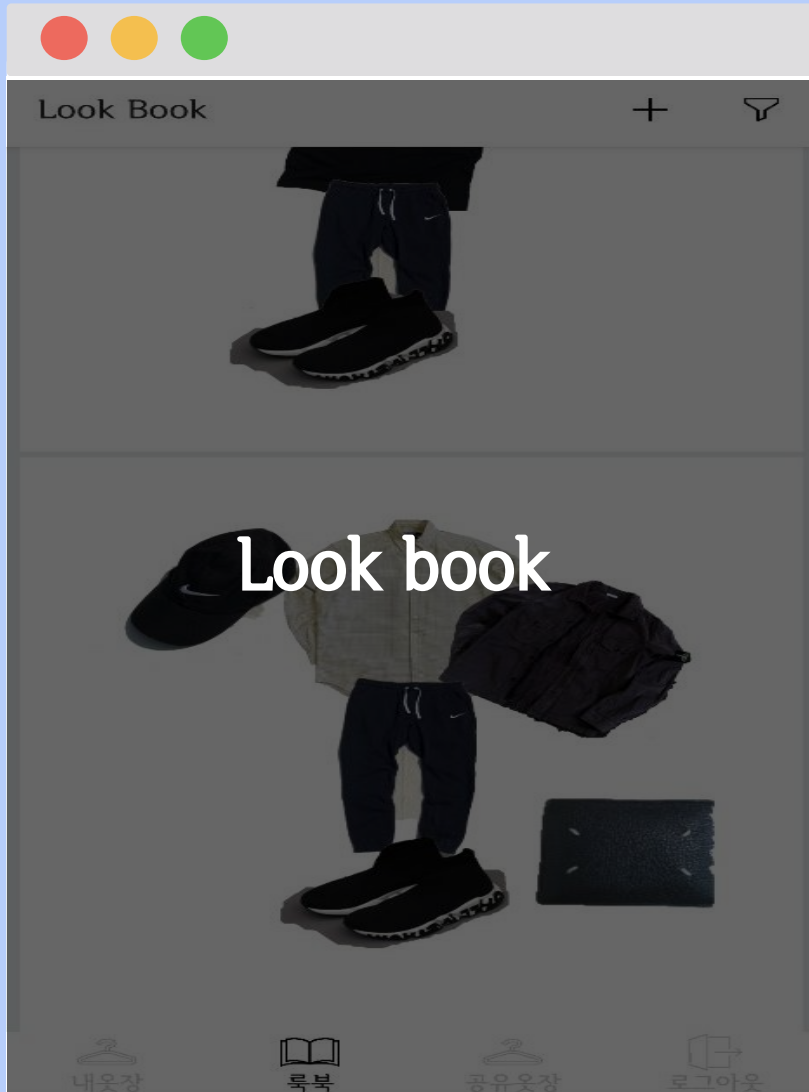


modify & delete



이 상운 :

- Modify product's information
- Delete product



main



최 준현 :

- Show saved looks on screen



add



최 준현 :

- Show categorized products' image from storage on screen
- Change image location using touch-event



이 상운 :

- Save look's image, information into database

09 Project contribution



filter



최 준현 :

- Compare information by filtering criteria



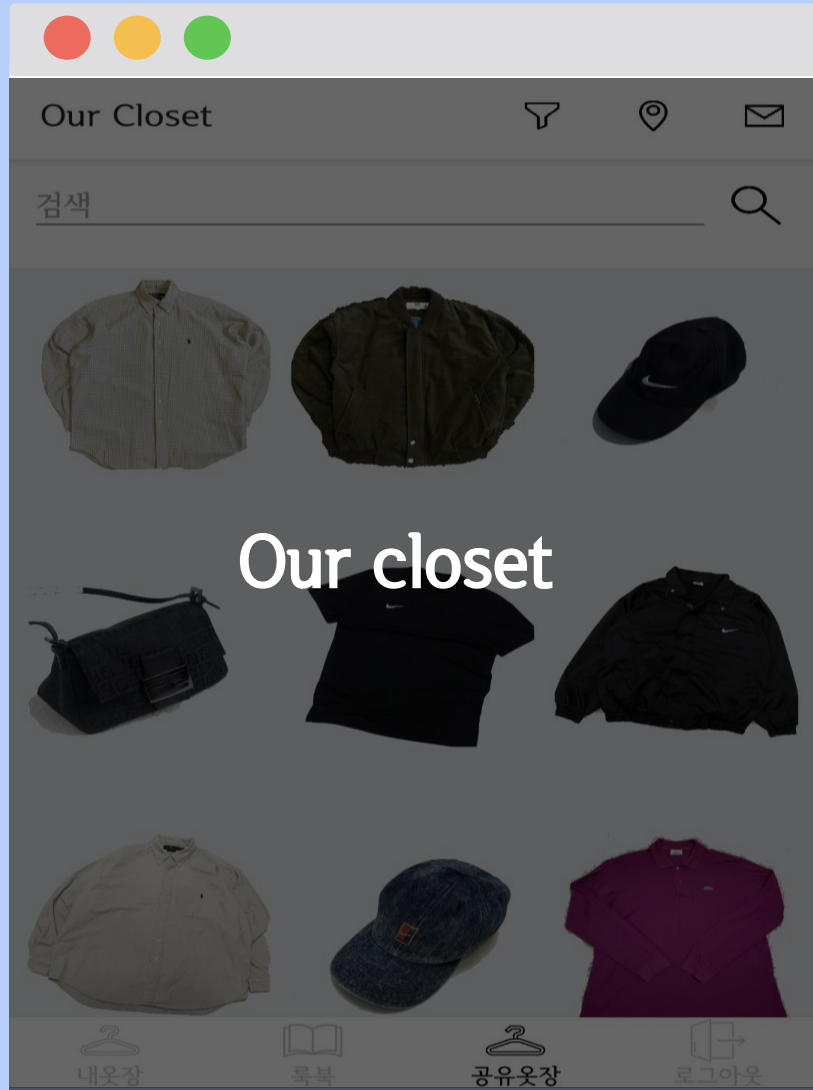
modify & delete



이 상운 :

- Modify look's information
- Delete look

09 Project contribution



main



최 준헌 :

- Show saved shared product on screen

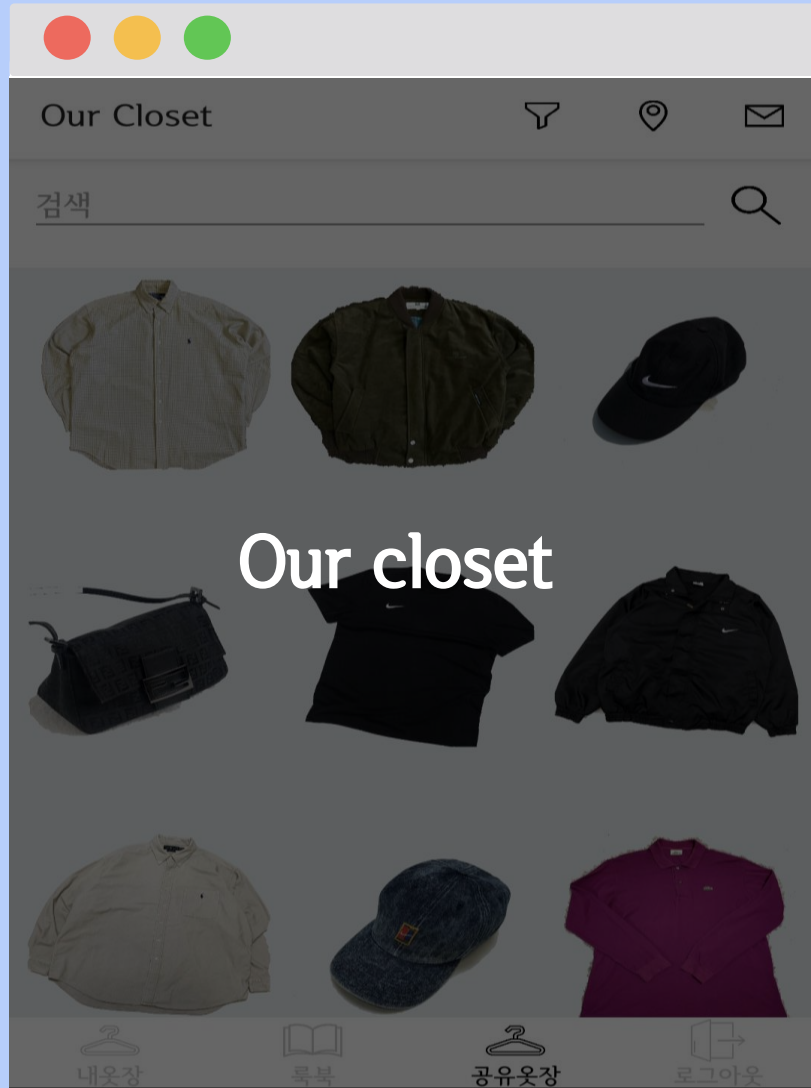


Filter & search



최 준헌 :

- Compare information by filtering and searching criteria



In order of distance



최 준현 :

- Show shared products in order of location



Message



최 준현 :

- Show message information from database



Request Share



이 상운 :

- Save request information to database

10

Configuration management

● <https://github.com/JunHeon-Ch/Mobile-Programming-Project>

JunHeon-Ch / Mobile-Programming-Project

Watch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights

Branch: master

Go to file Add file Clone

JunHeon-Ch committed cec14e8 2 hours ago

267 commits 2 branches 0 tags

File	Commit Message	Time Ago
MP_termProject	Merge pull request #109 from JunHeon-Ch/develop	2 hours ago
wiki_image	docs: wiki timeline image	26 days ago
README.md	Update README.md	2 days ago

README.md

Mobile Programming term Project

Our Closet

Contributors 3

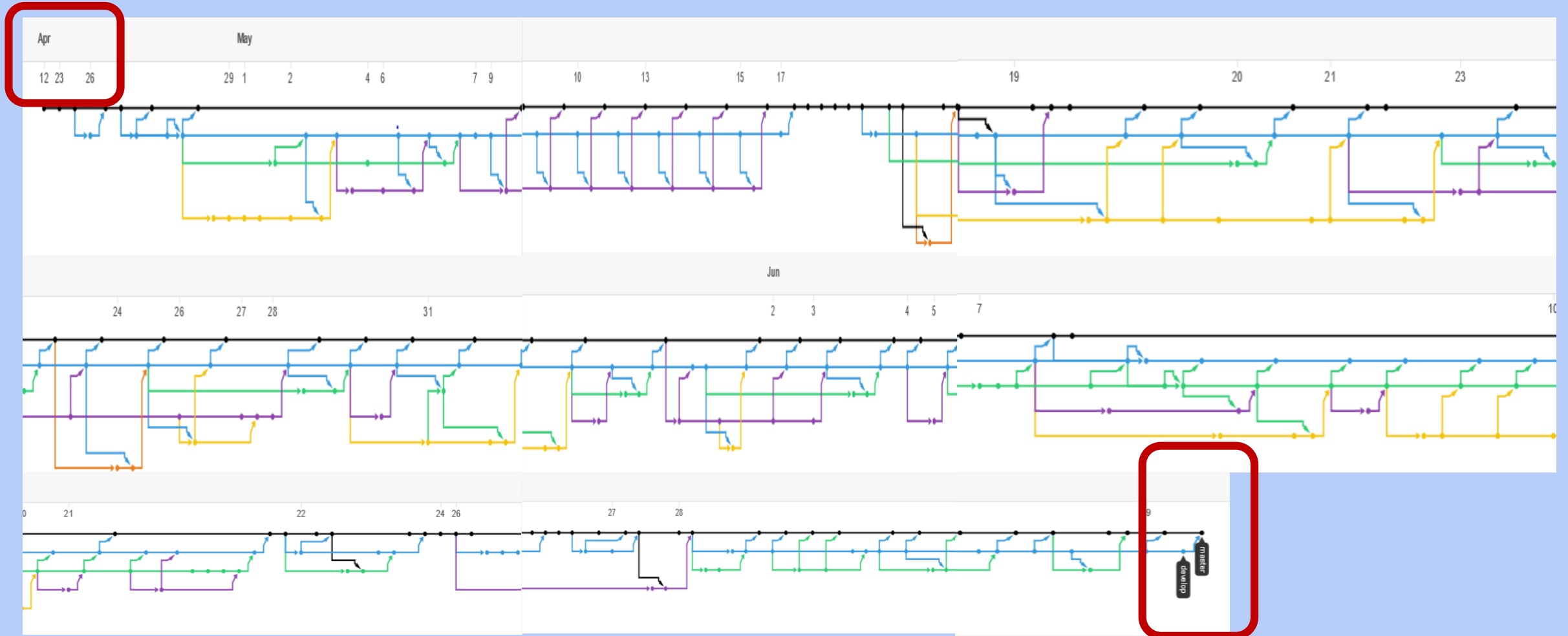
- JunHeon-Ch JunHeon-Ch
- Sang-un Sang-un
- wlsdnjs1120 wlsdnjs1120

● We push 267 commits !

10

Configuration management

● <https://github.com/JunHeon-Ch/Mobile-Programming-Project>





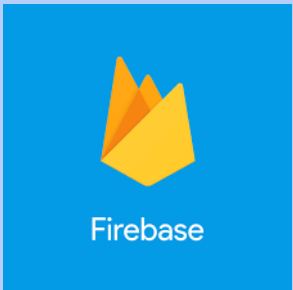
C o n c l u s i o n



- Can Check output immediately



- Need to study for using



- Need to study for using



- Implement more additional payment function



- Difficulty of increasing the accuracy of removing background



Q

&

A



Thank you