Mobile Programming

Our Closet

201433705 이 진 원
201533673 최 준 헌
201635832 이 상 운

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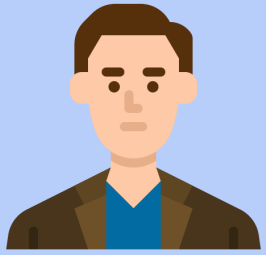
02

Team member information

Name: 이 진 원
Student Number: 201433705
E-mail Address: wlsdnjs1120@naver.com

Name: 최 준 헌
Student Number: 201533673
E-mail Address: chjh12100@gmail.com



Name: 이 상 운
Student Number: 201635832
E-mail Address: dltkddns79@gmail.com

01 Title

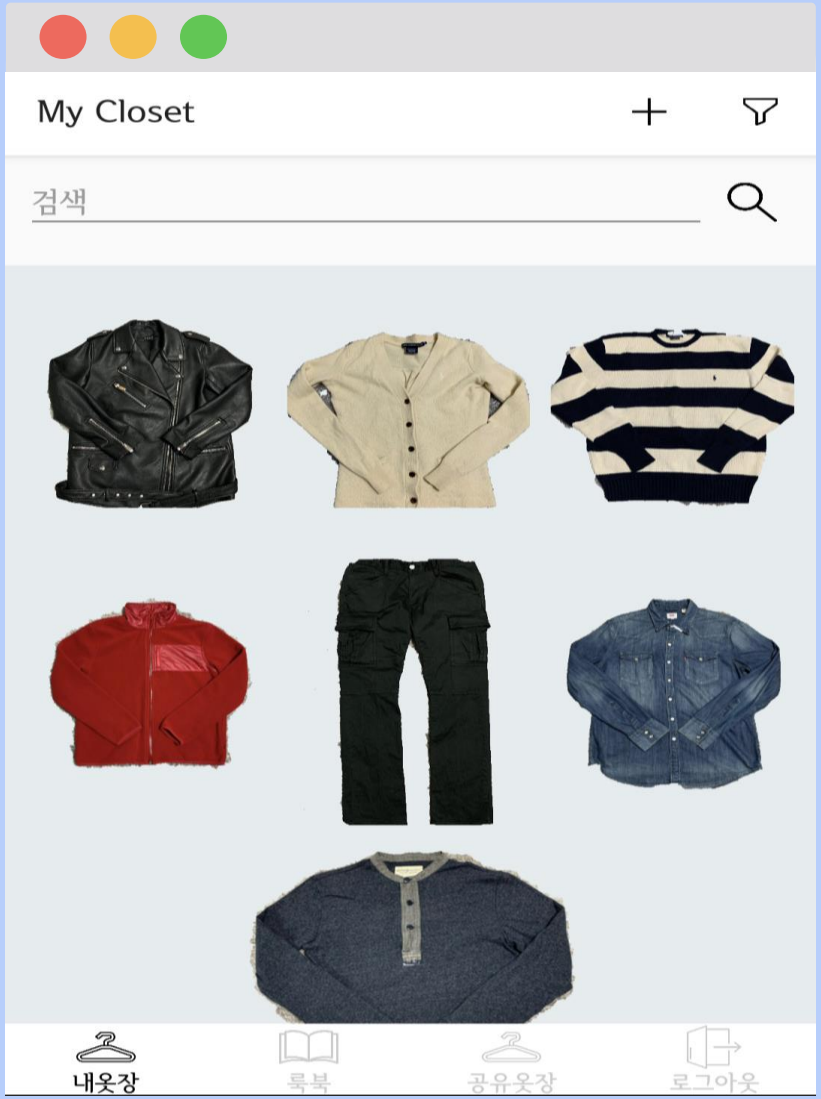
Our Closet

- 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

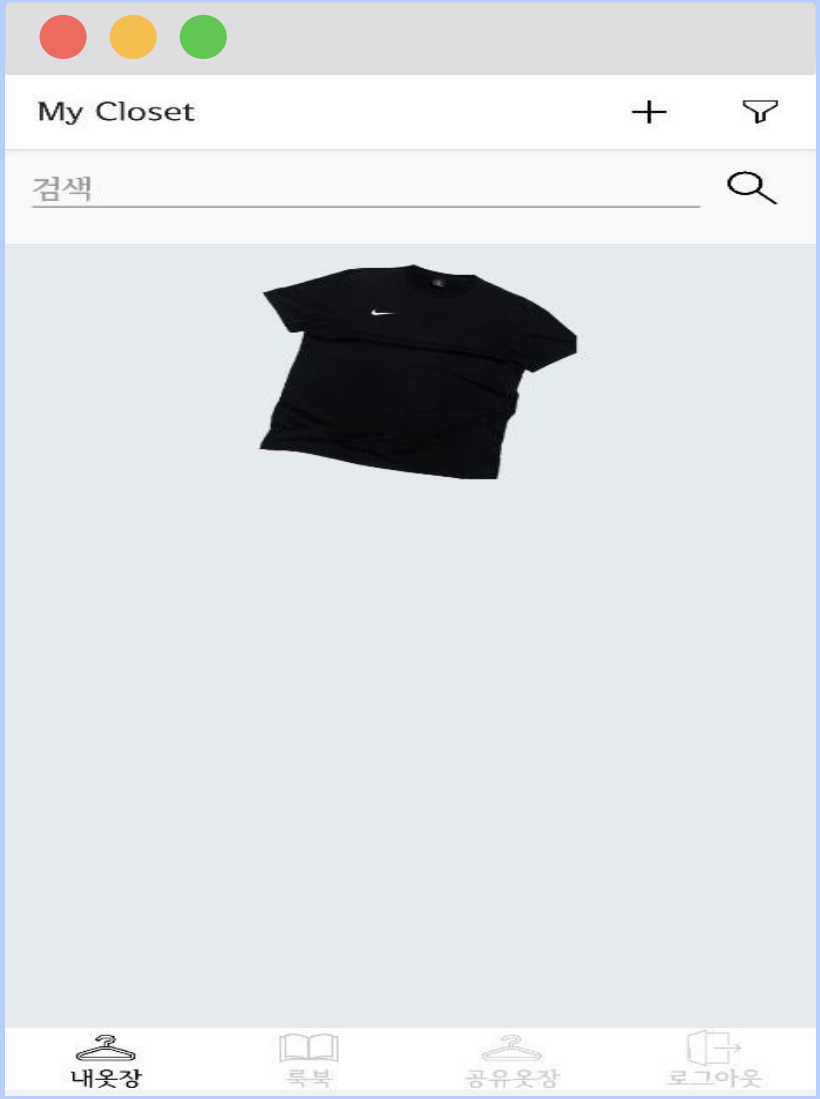


Image processing

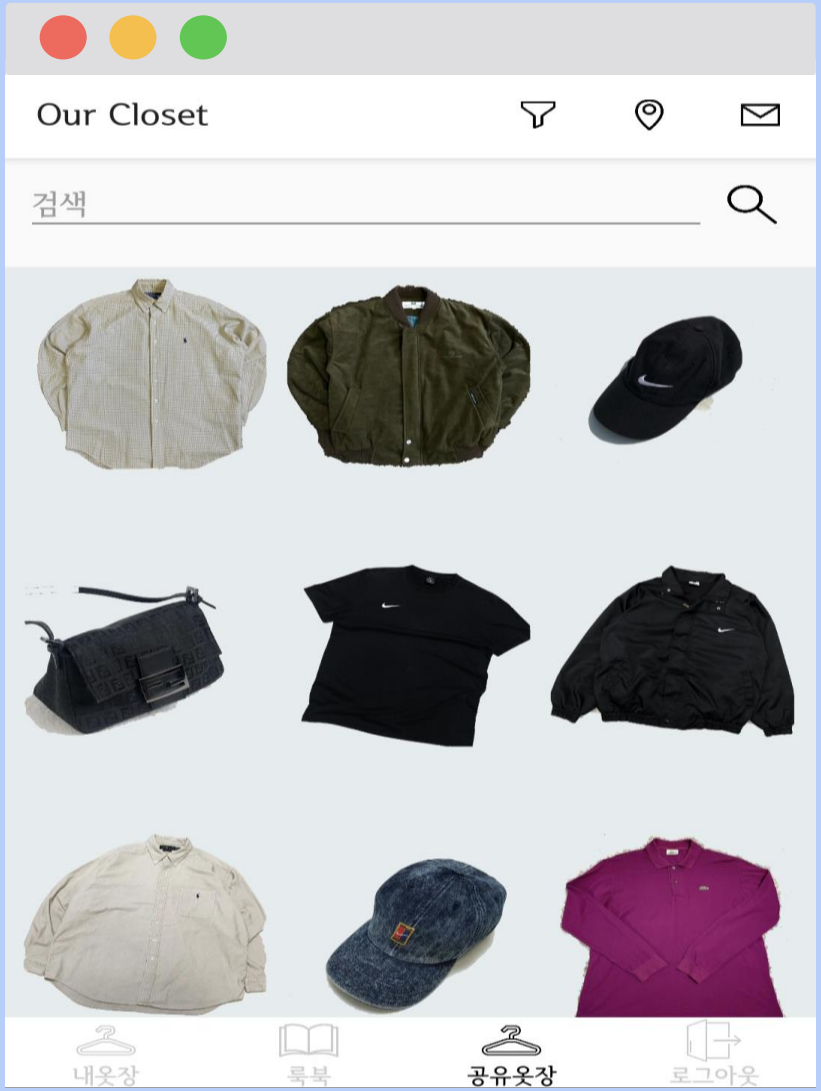
- Remove image's background
- Save only form of clothes

04 Key features

Lookbook

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

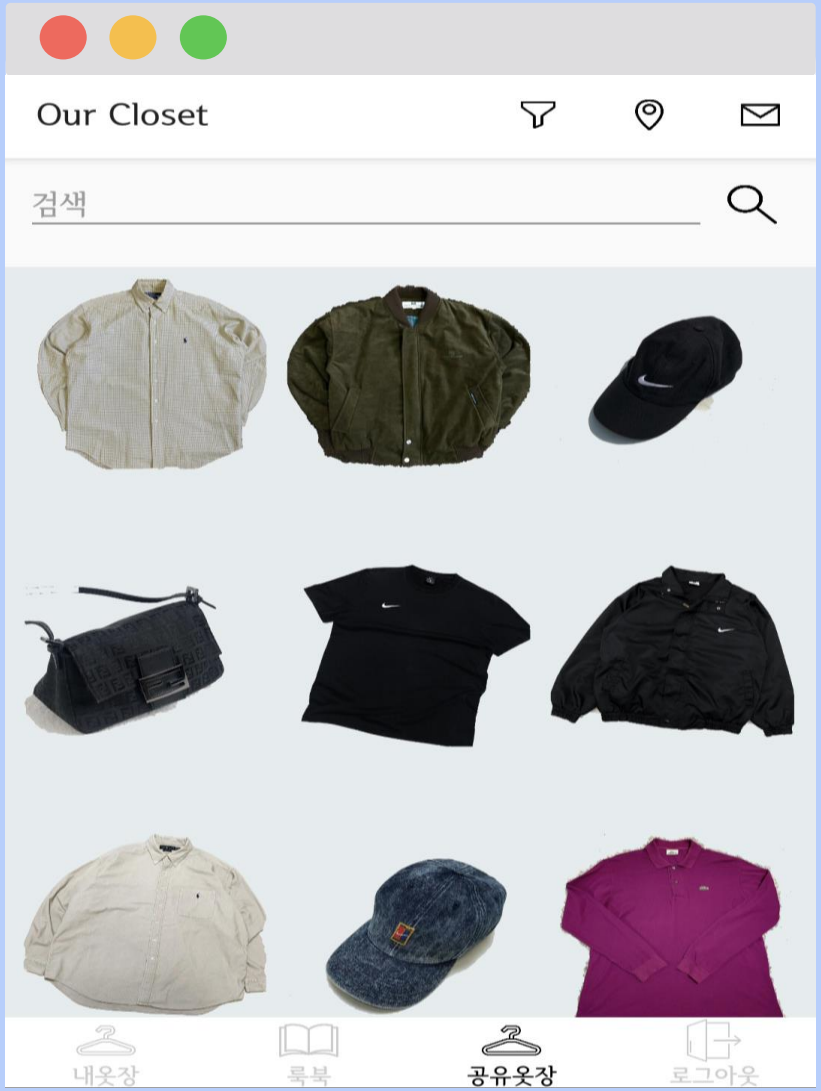
04 Key features



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.

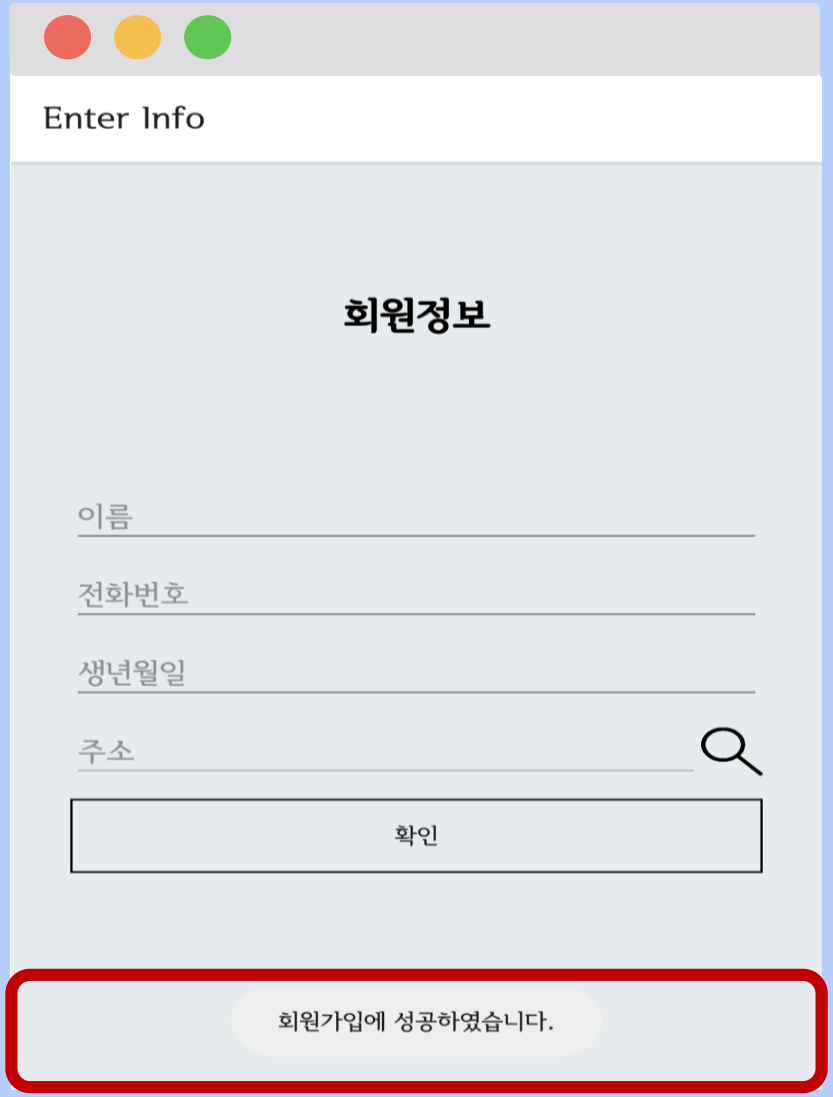
05 Advantages

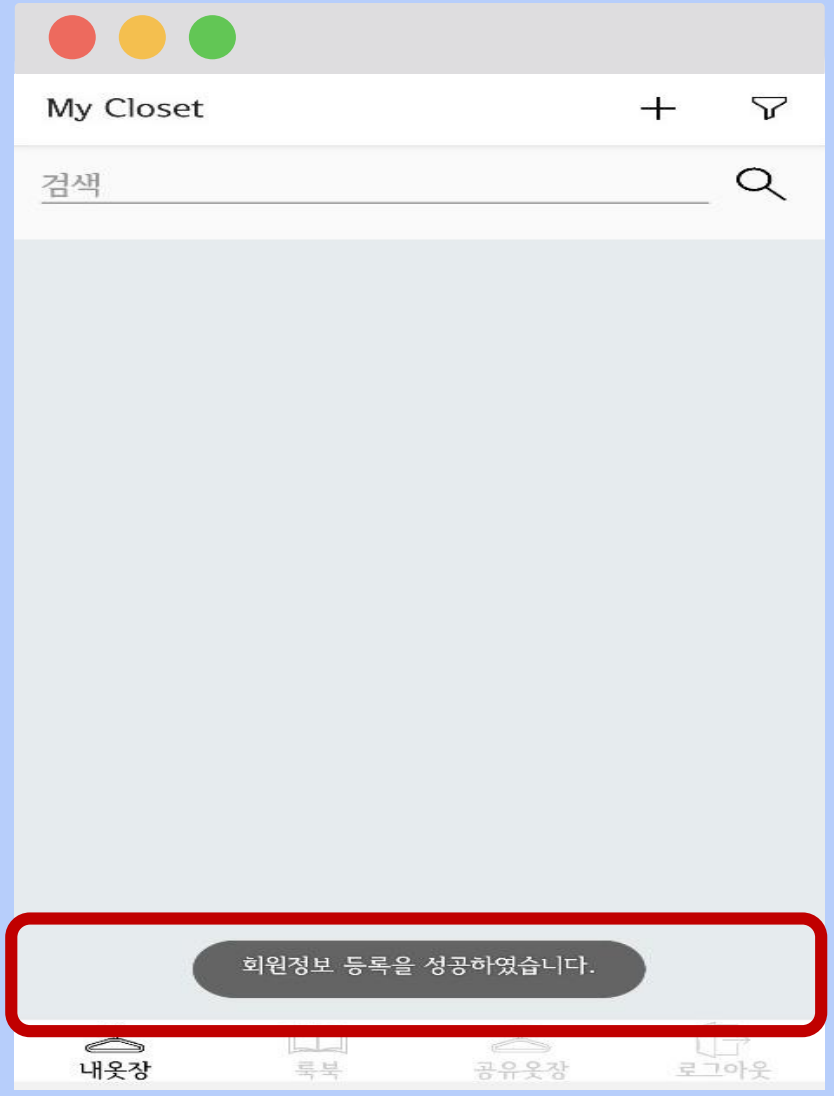
- Search by item name, brand name, category, color, season, shared condition through search & filter function
- Save my own look and see look made by me easily.

06

Scenario - sign up

06 Scenario - personal info





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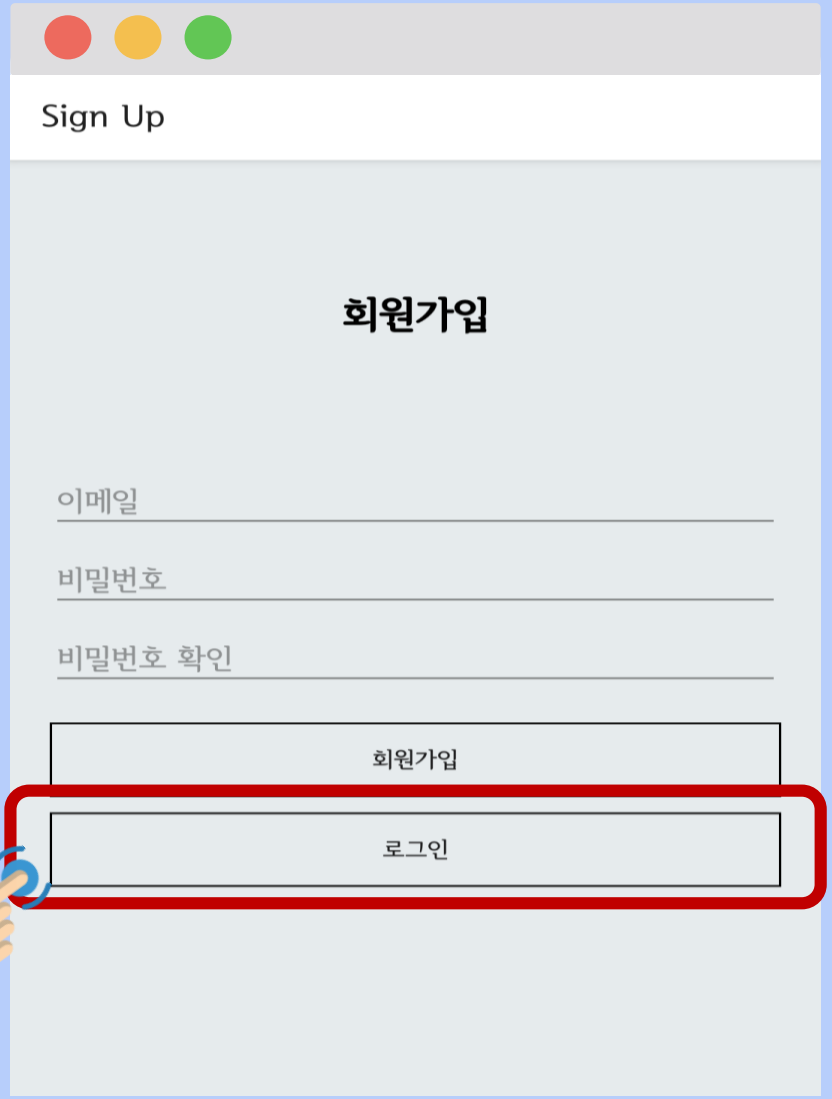

06

Scenario - my closet

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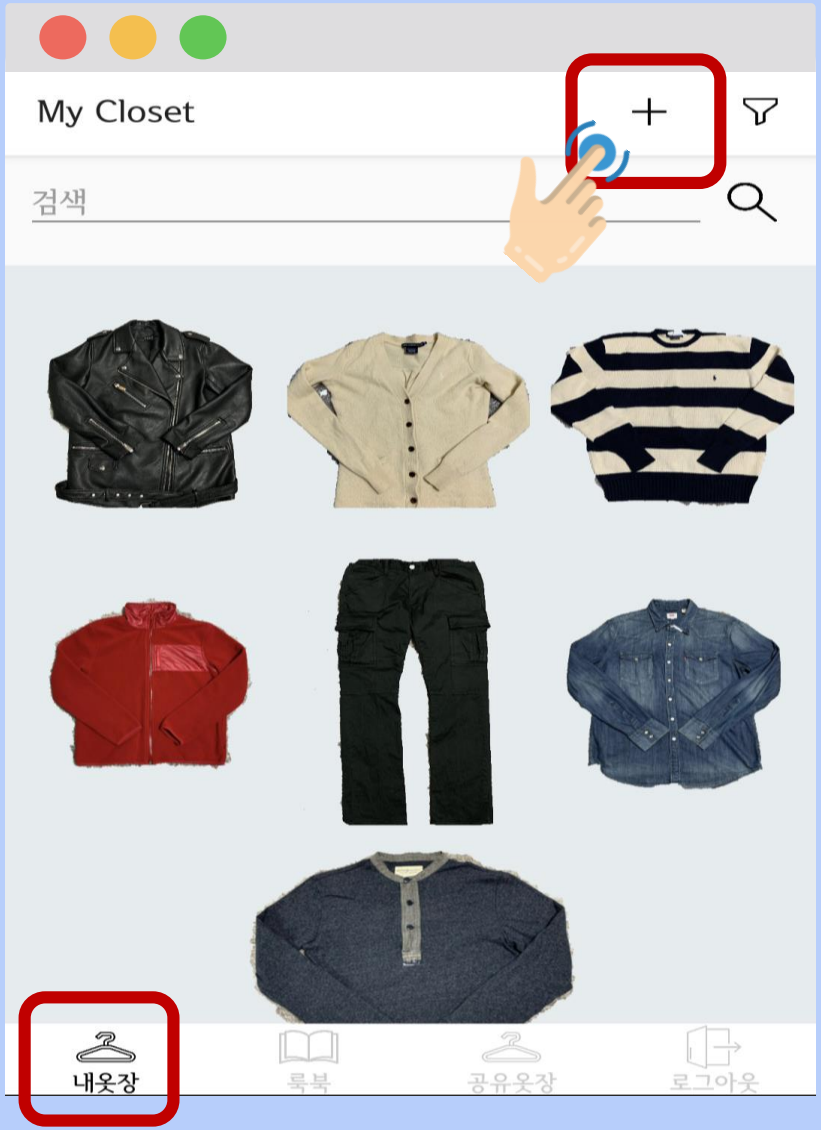

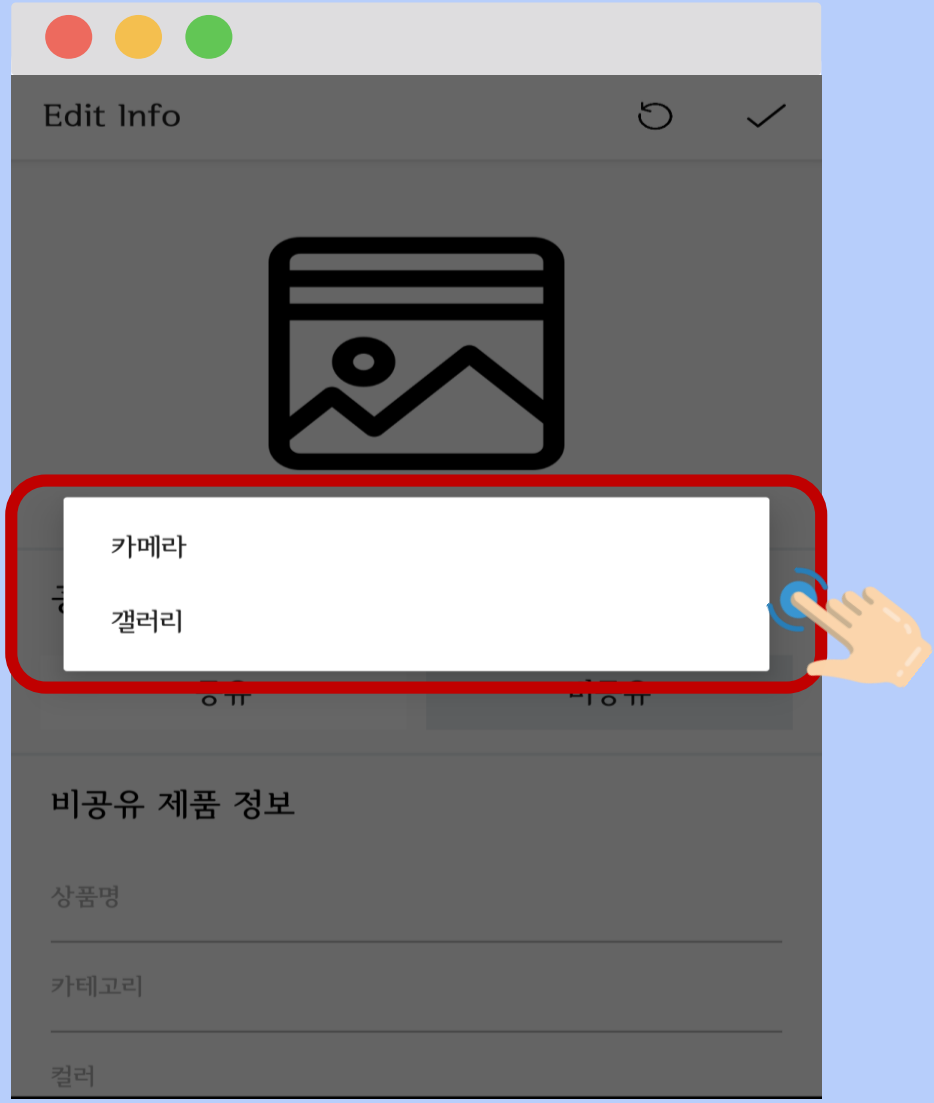

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Scenario - my closet

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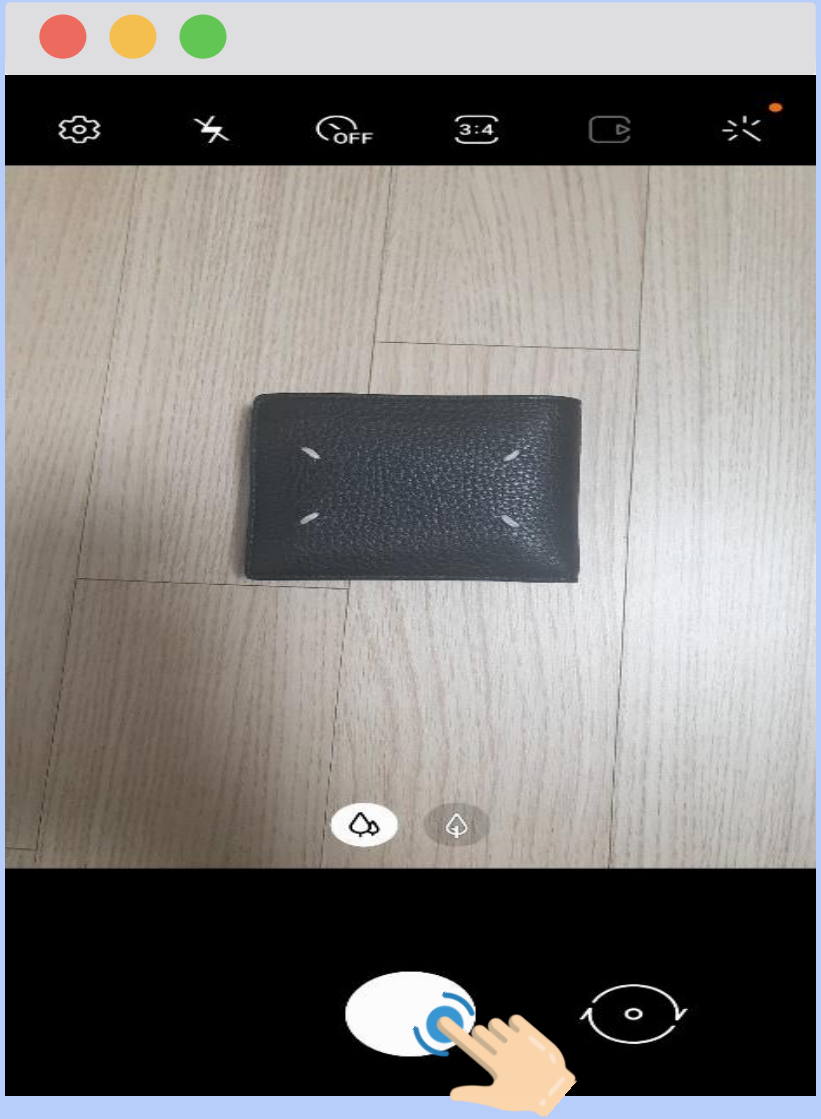

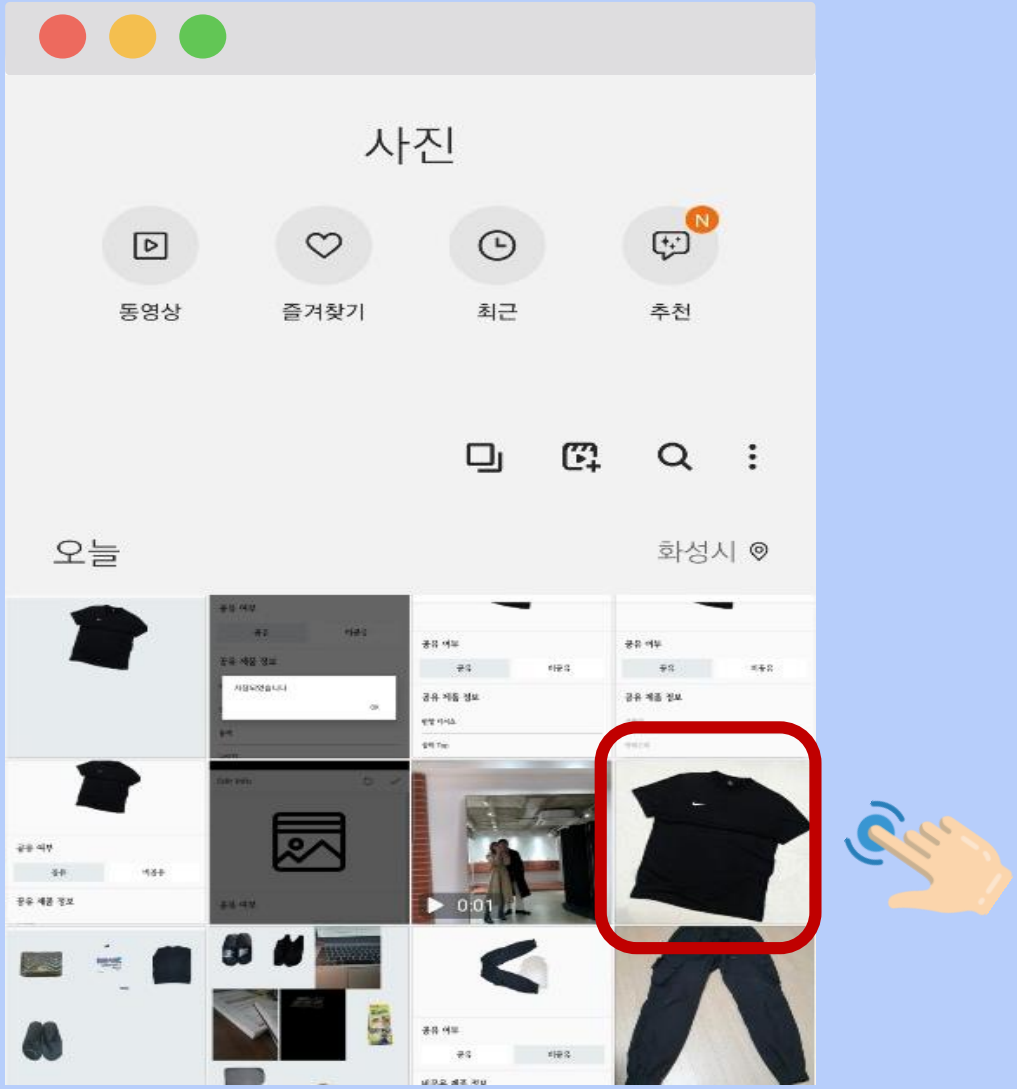

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Scenario - my closet

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Scenario - my closet

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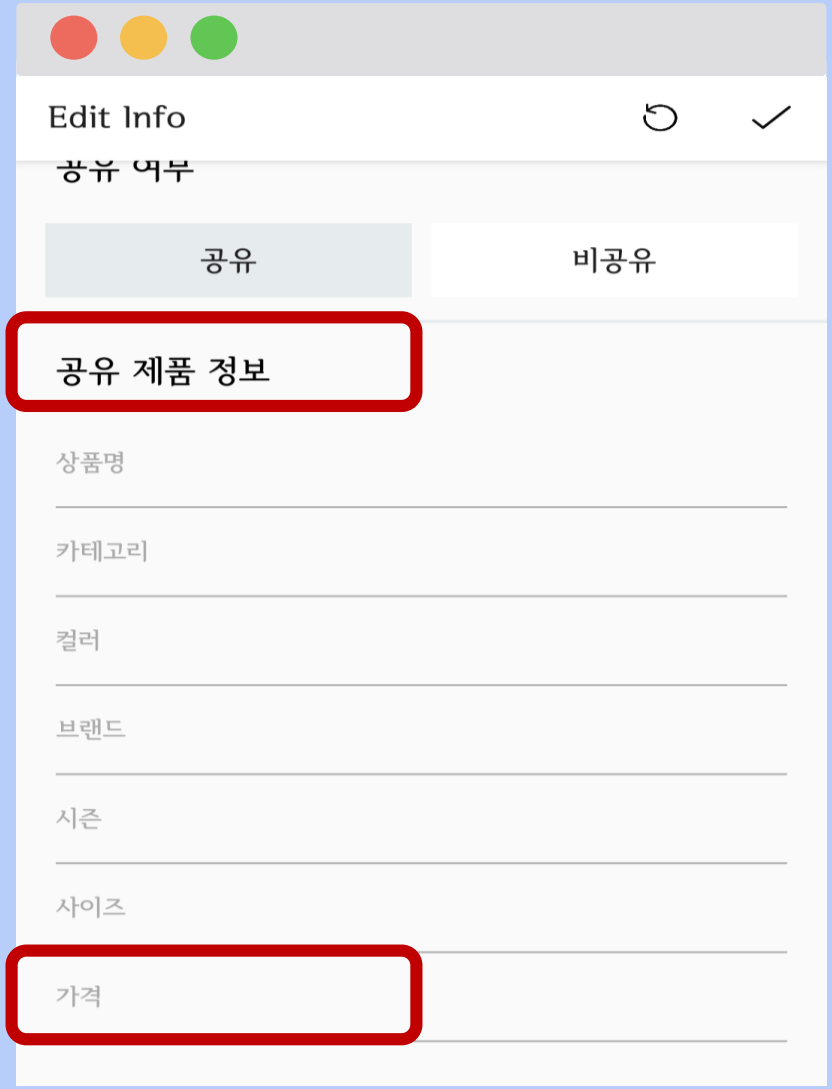

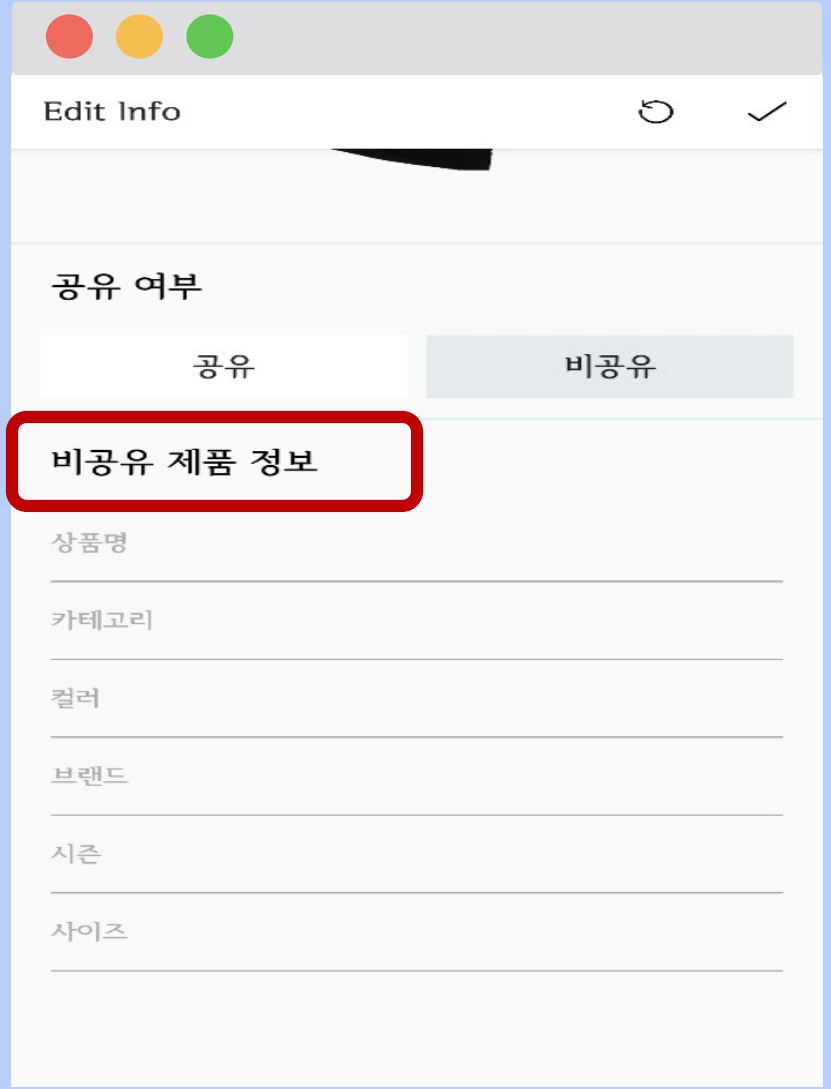

06 Scenario - my closet

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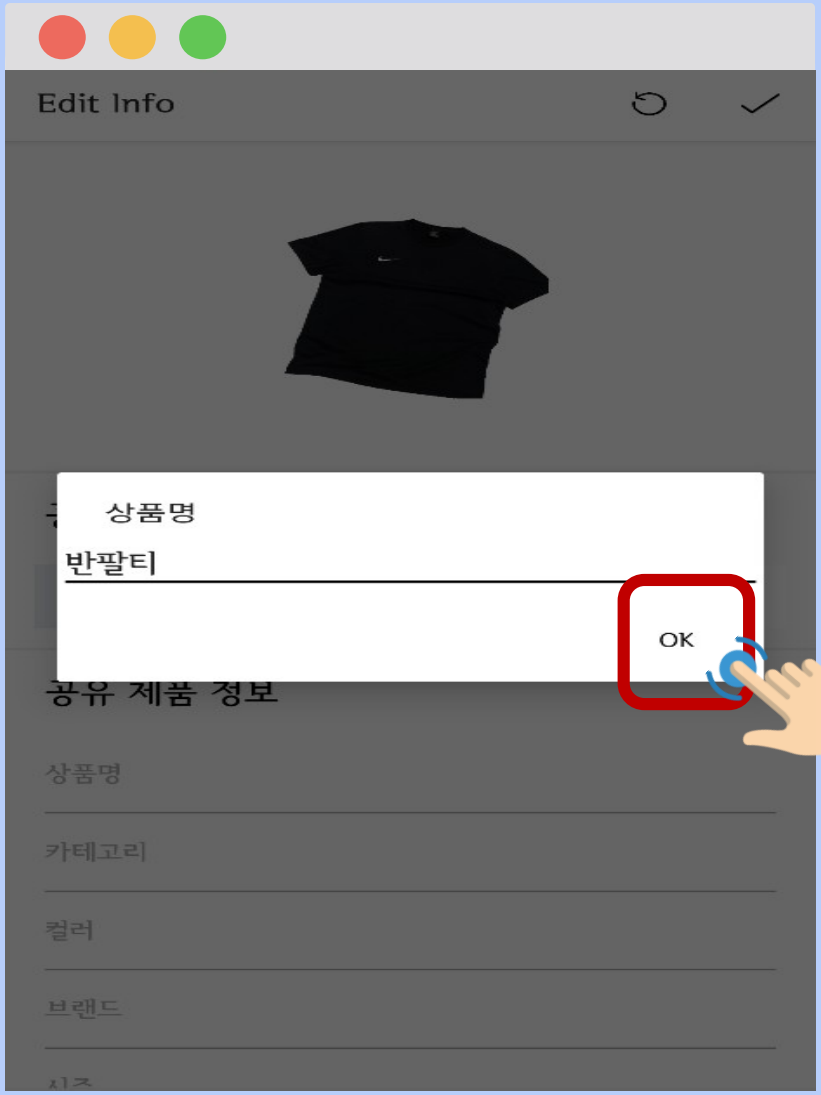

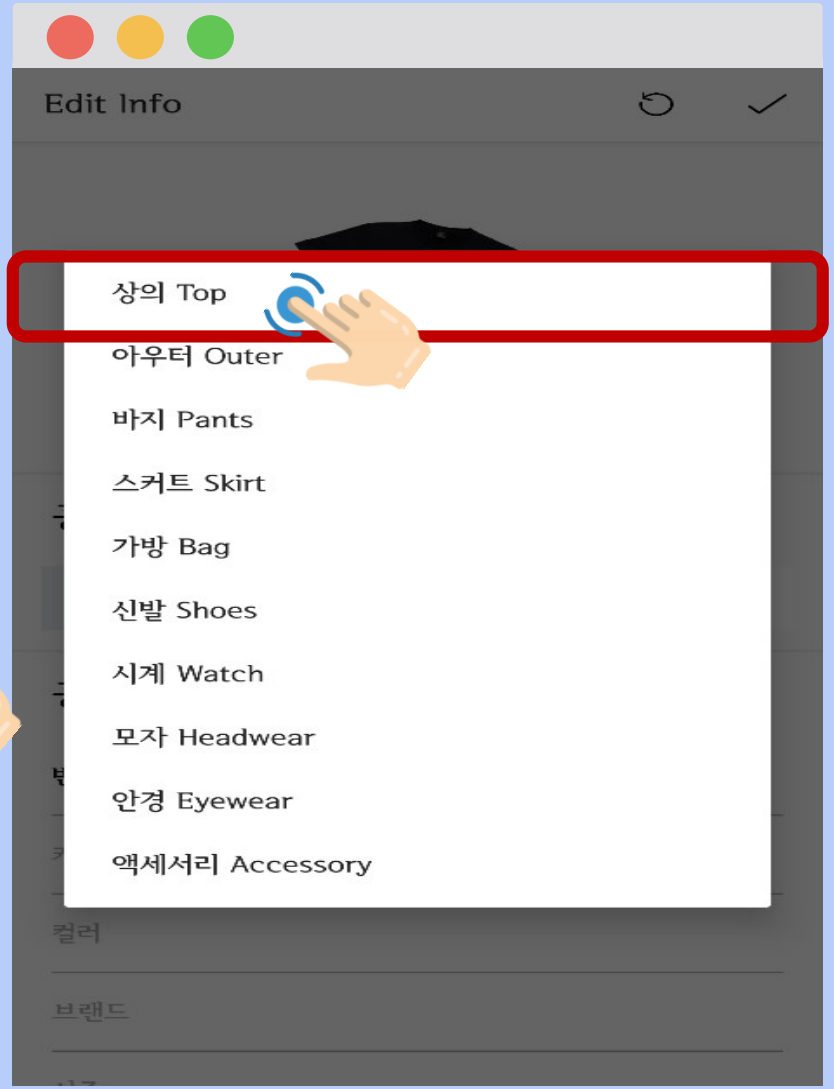

06 Scenario - my closet

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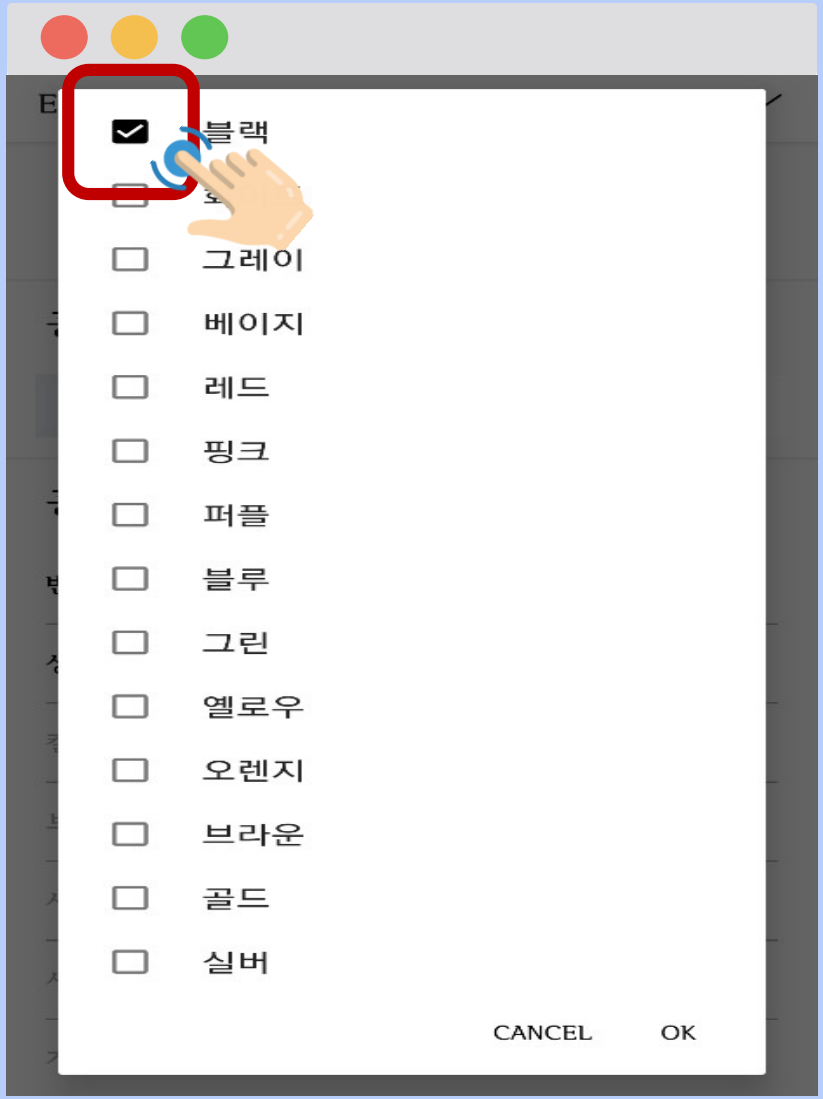

06 Scenario - my closet

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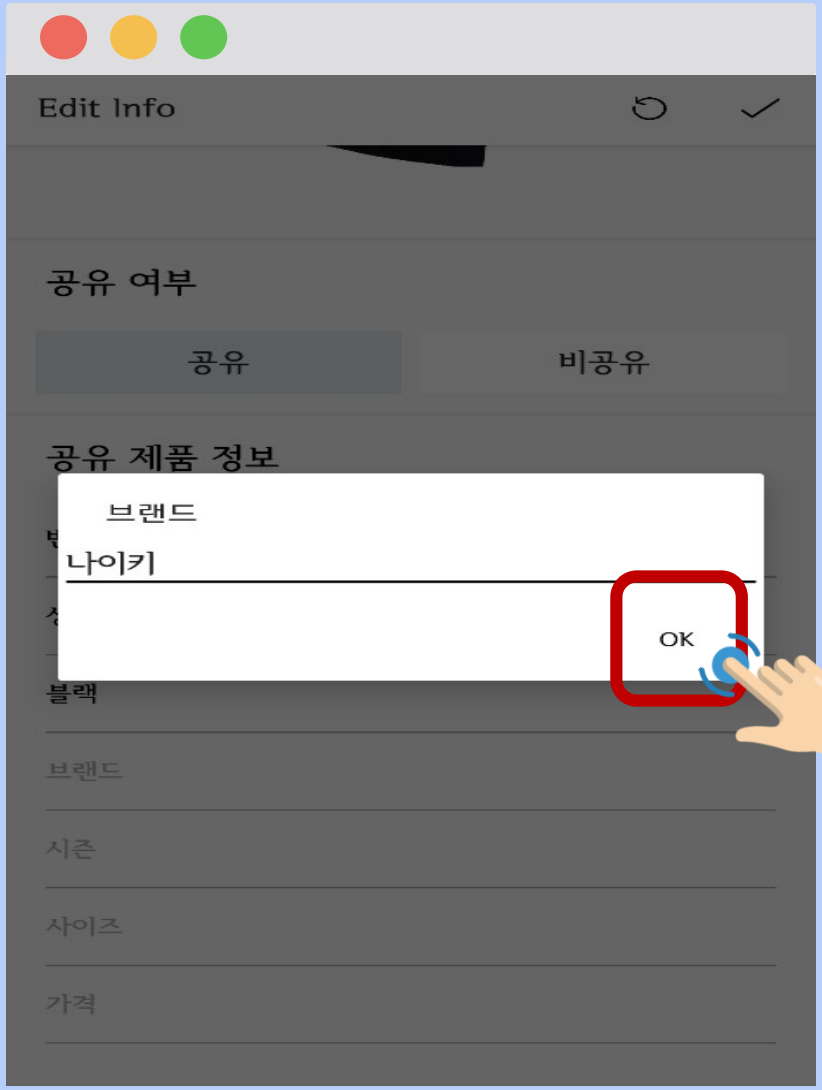

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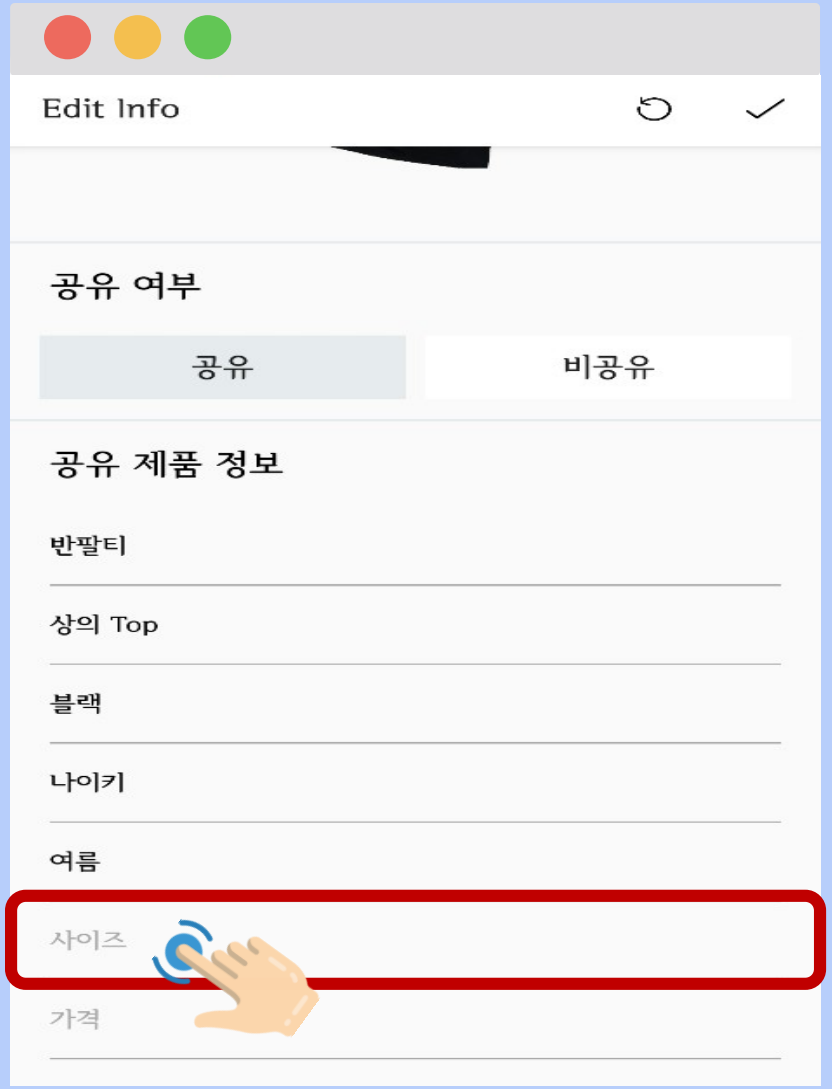

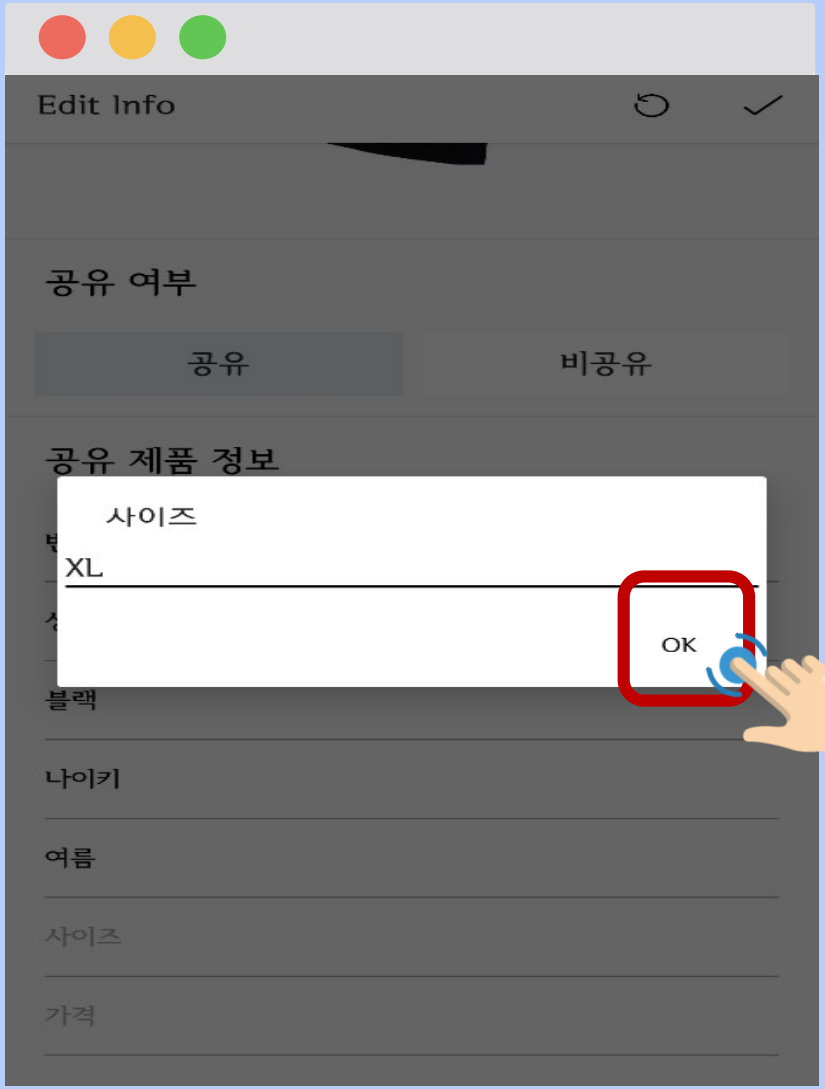

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Scenario - my closet

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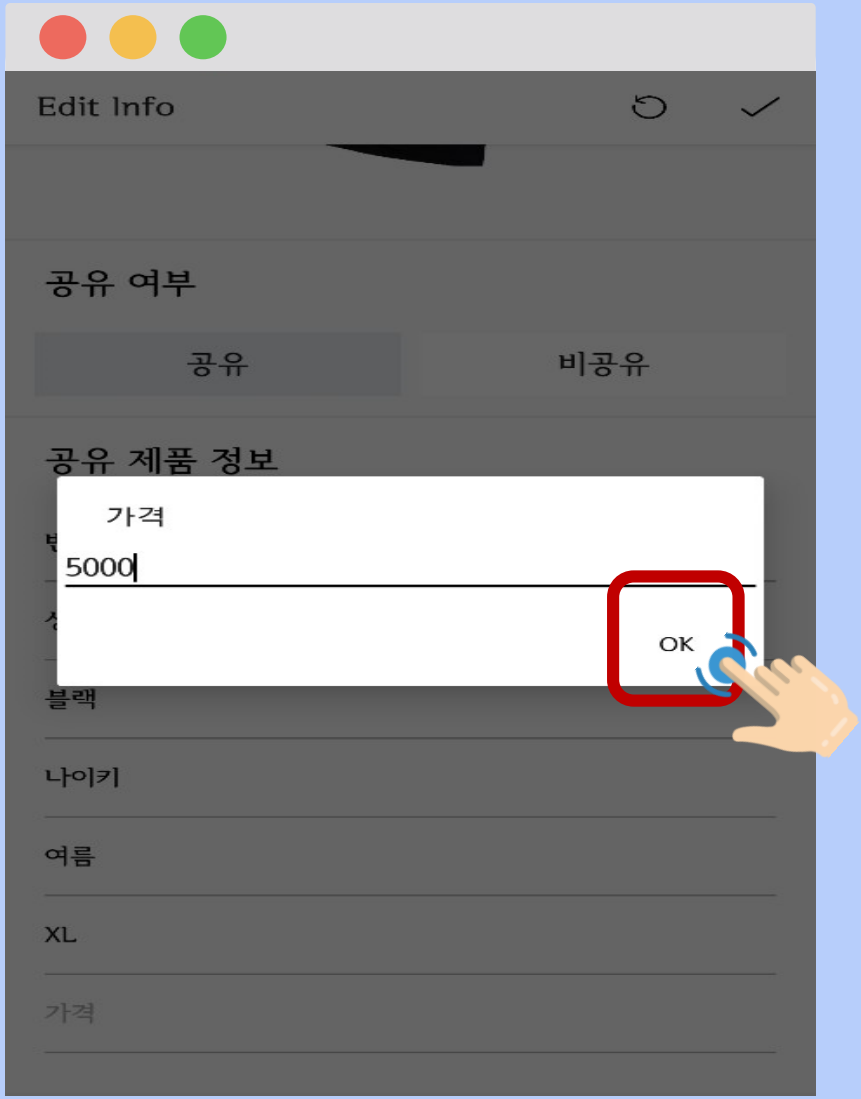

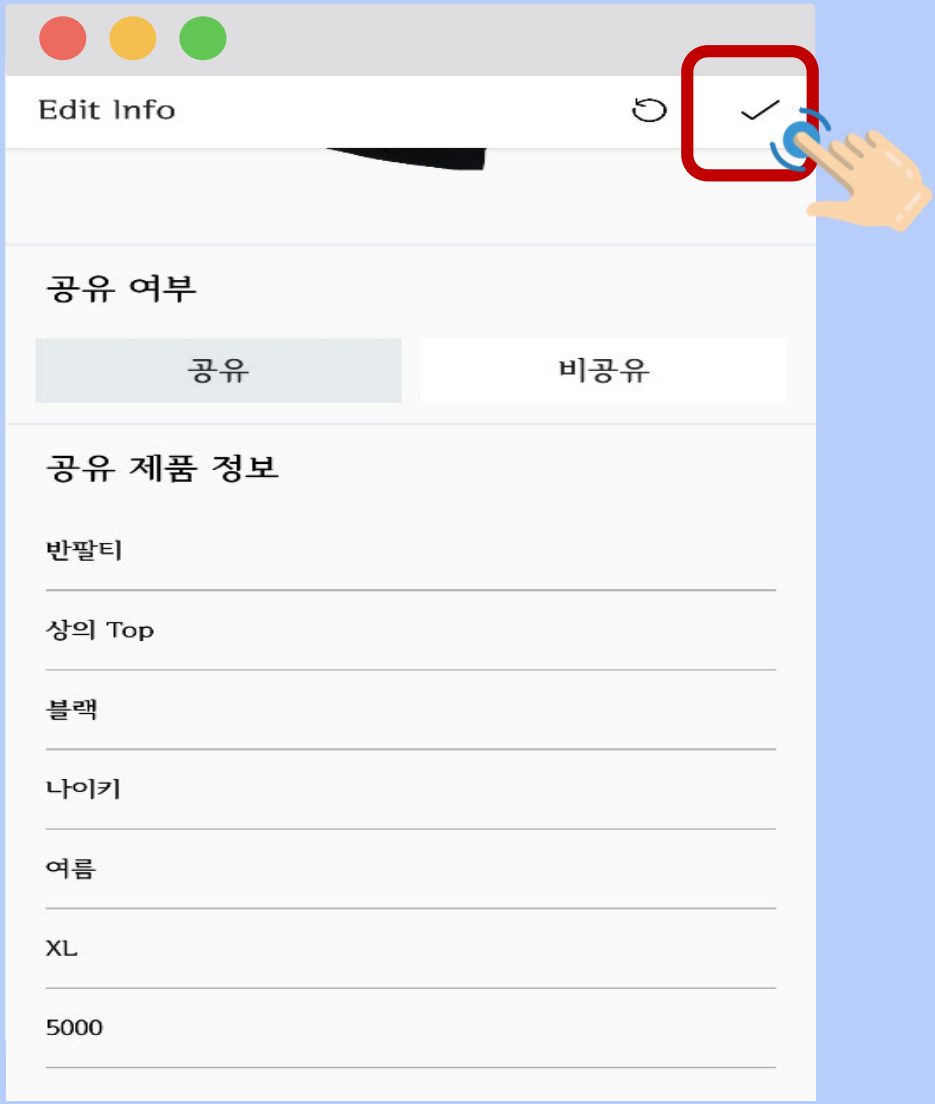

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Scenario - my closet

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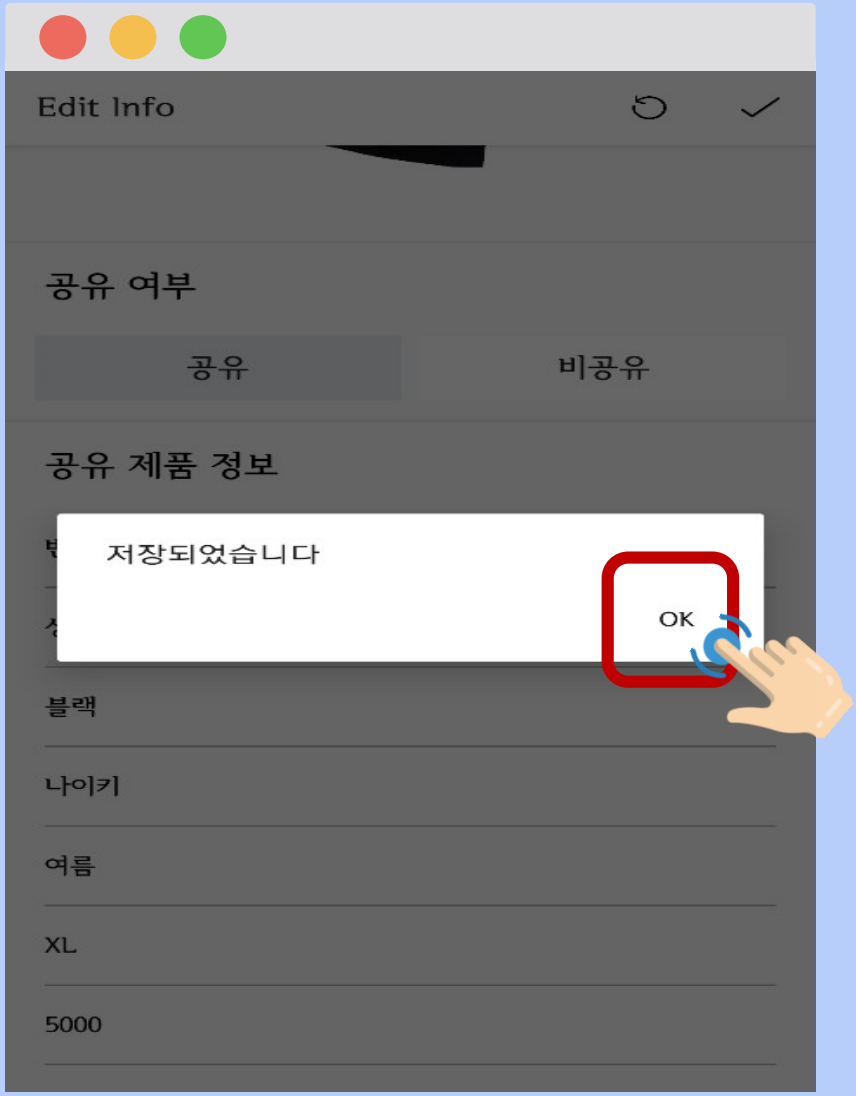

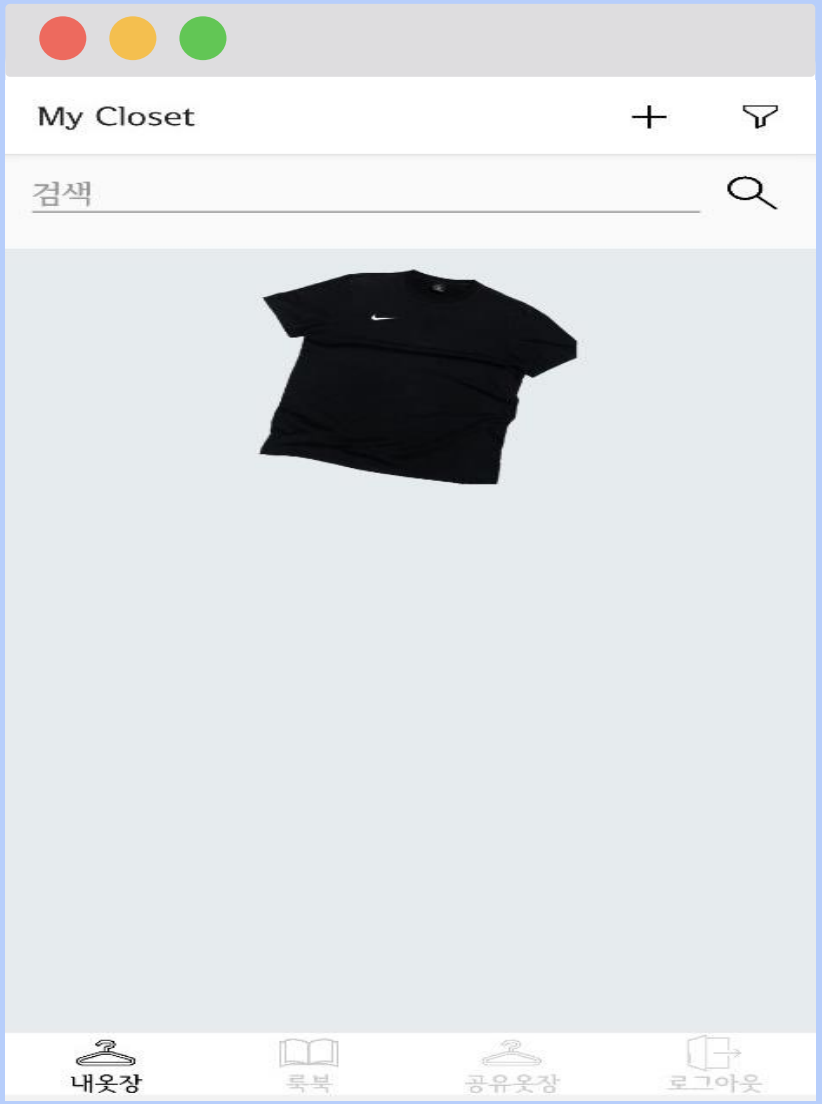

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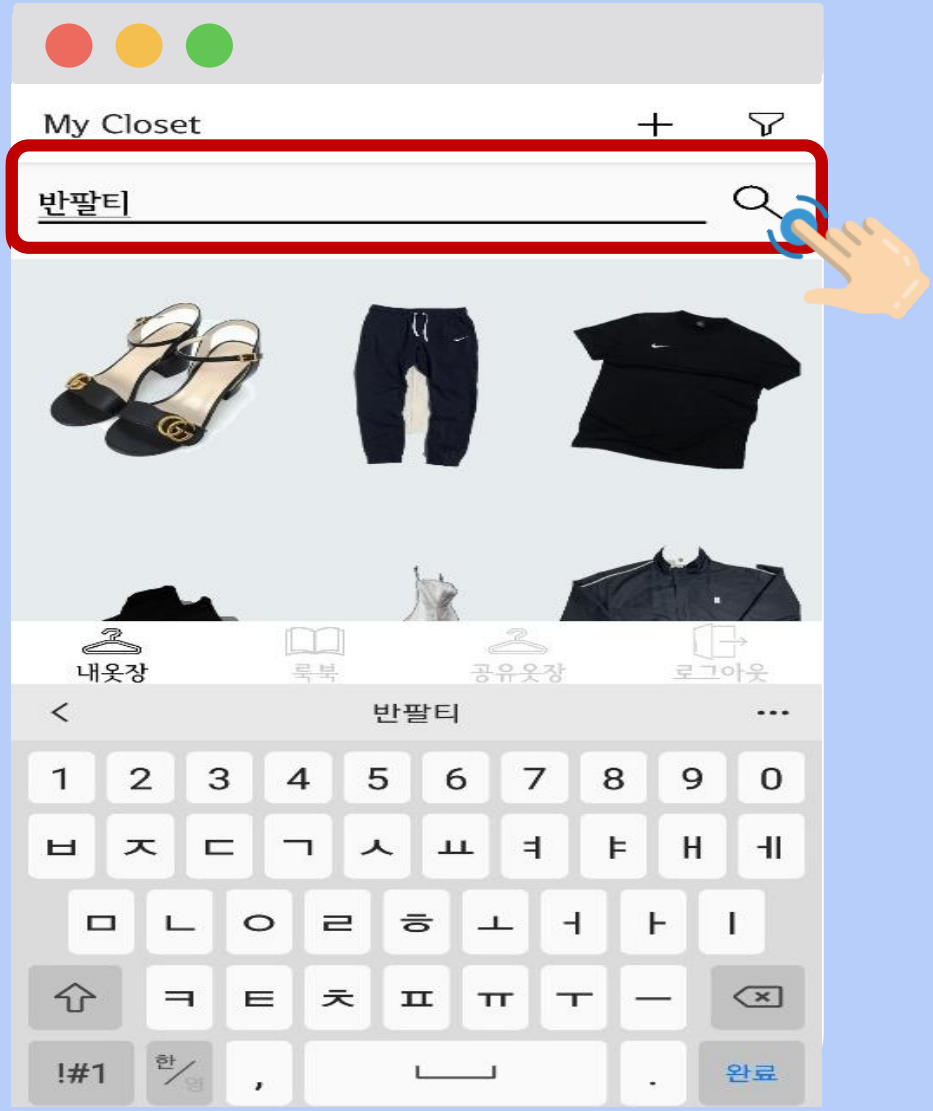
Scenario - my closet

Search



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Scenario - my closet

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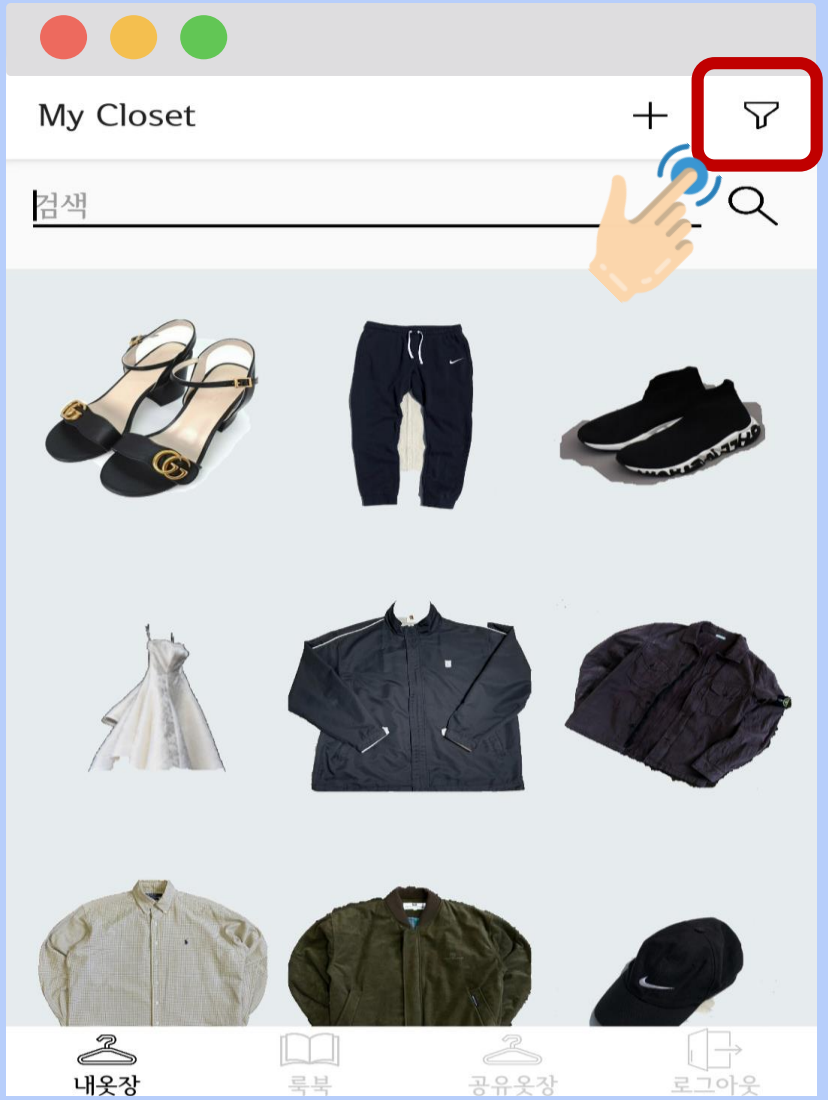

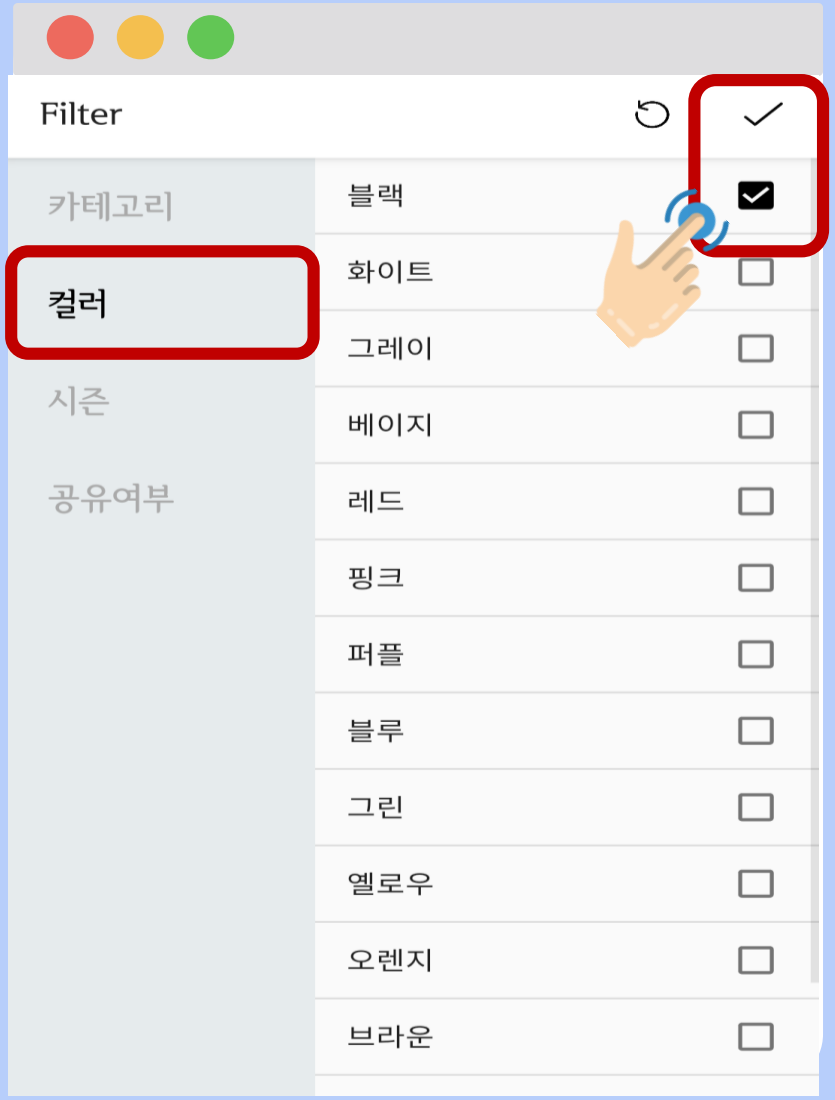

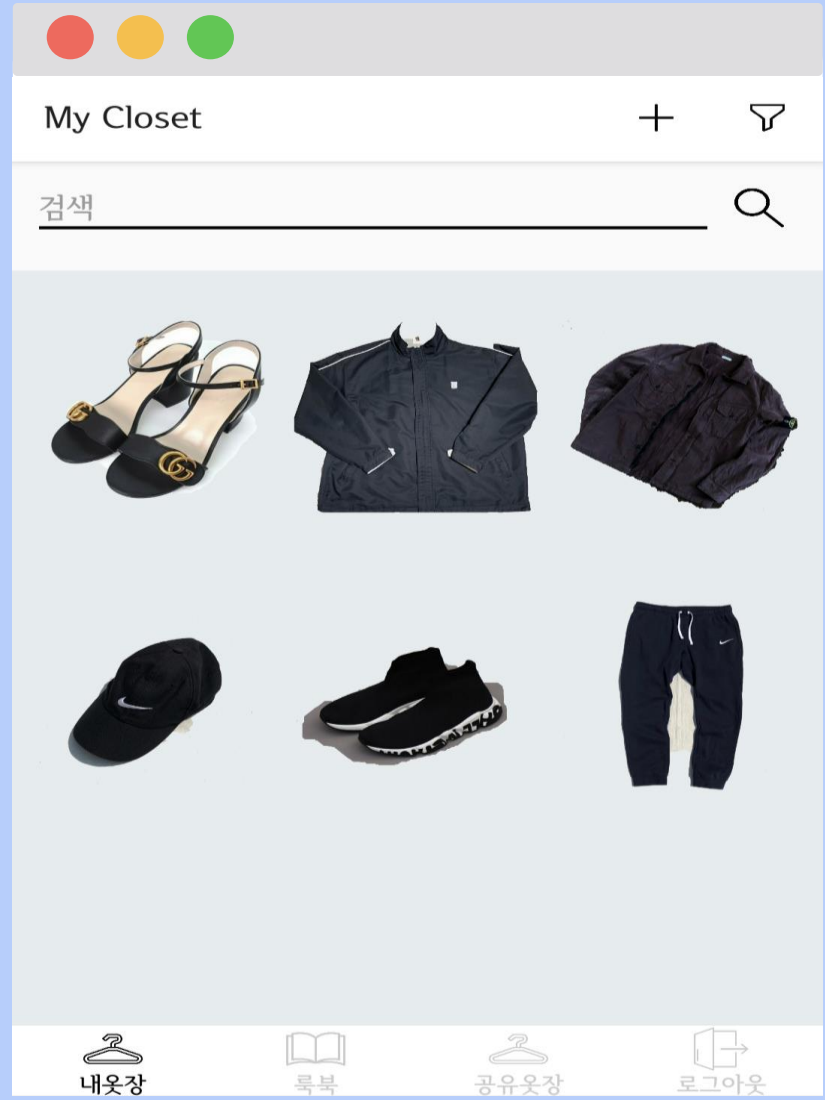

06

Scenario - my closet

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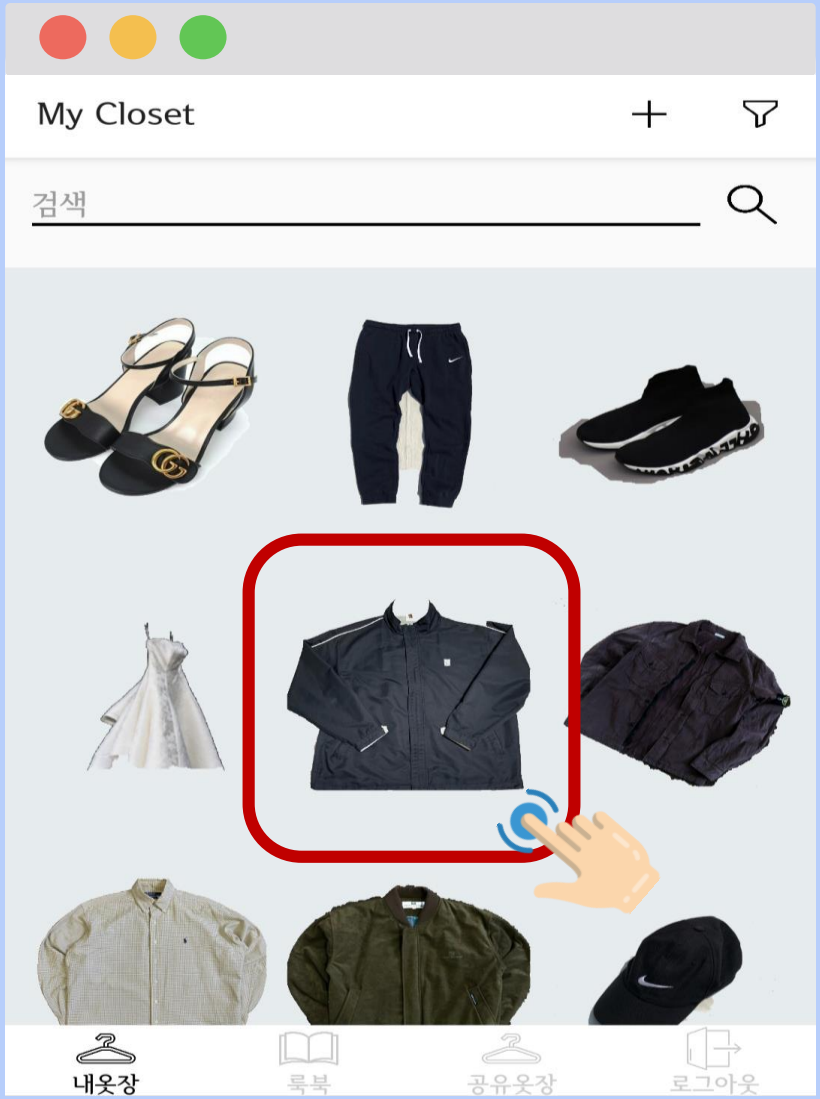

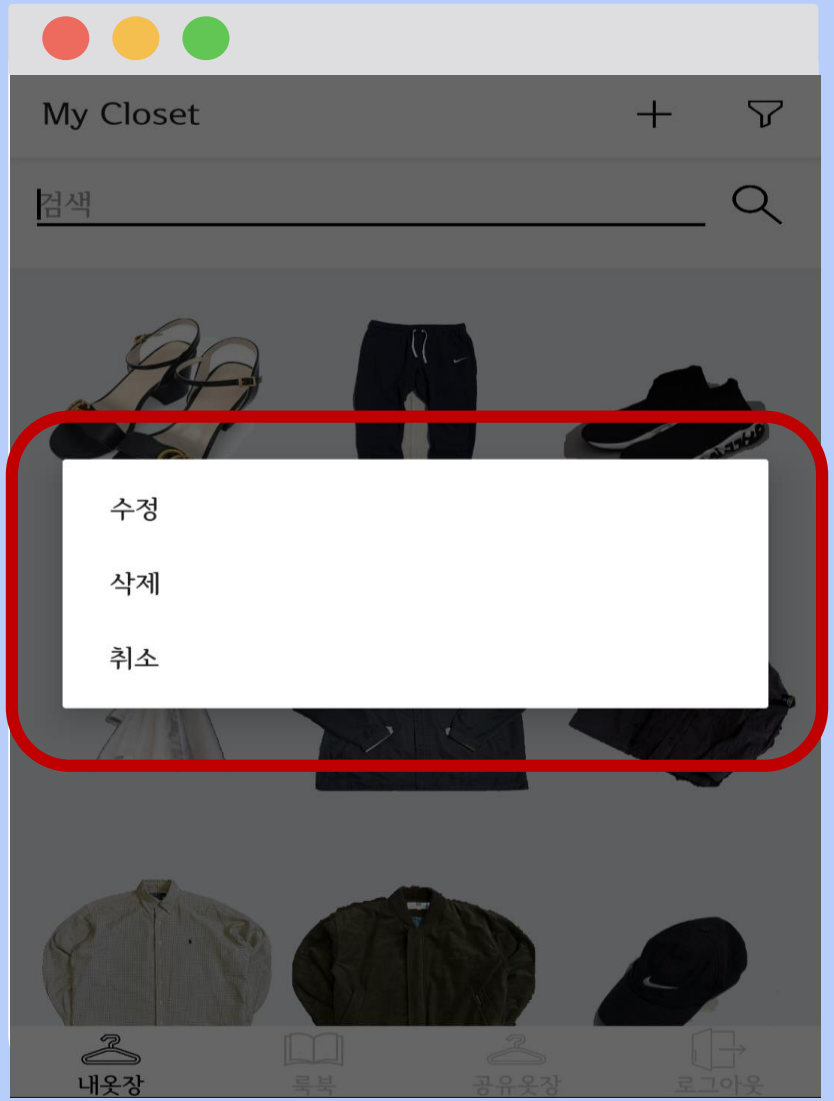

06

Scenario - look book

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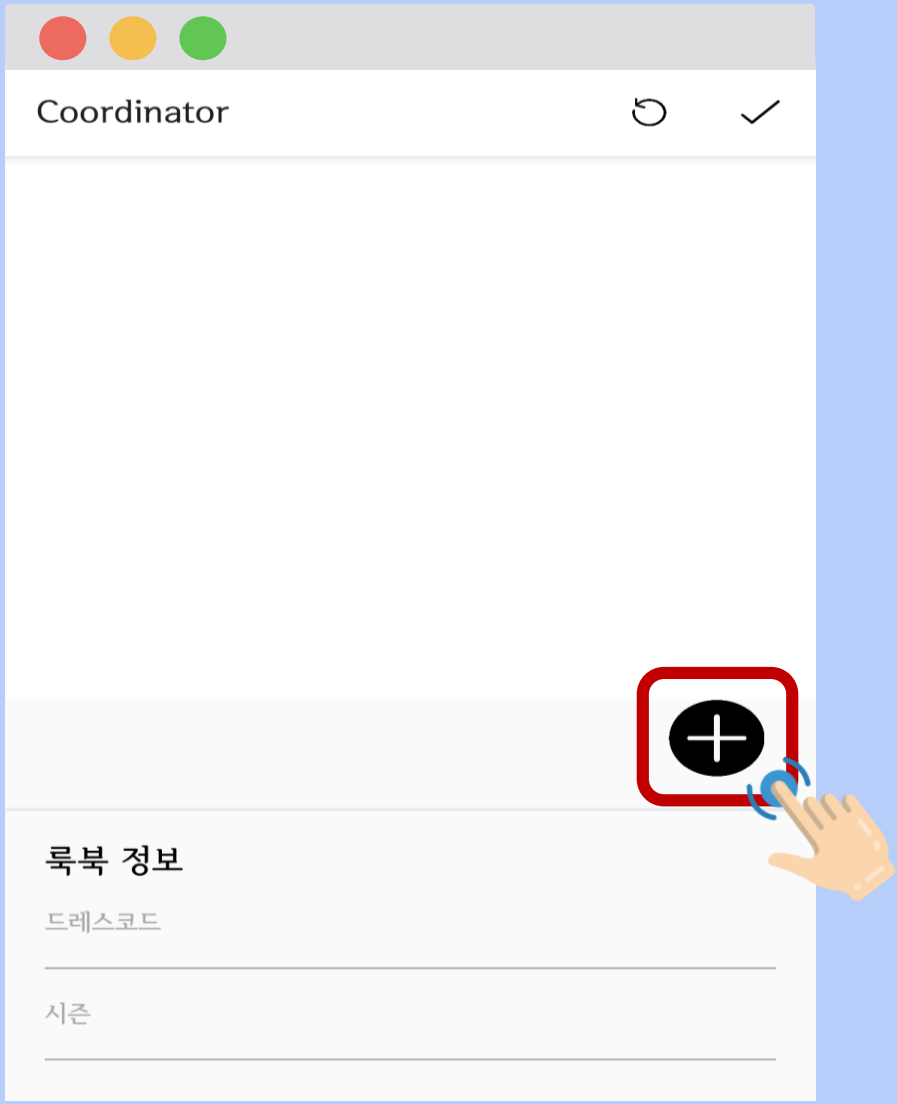

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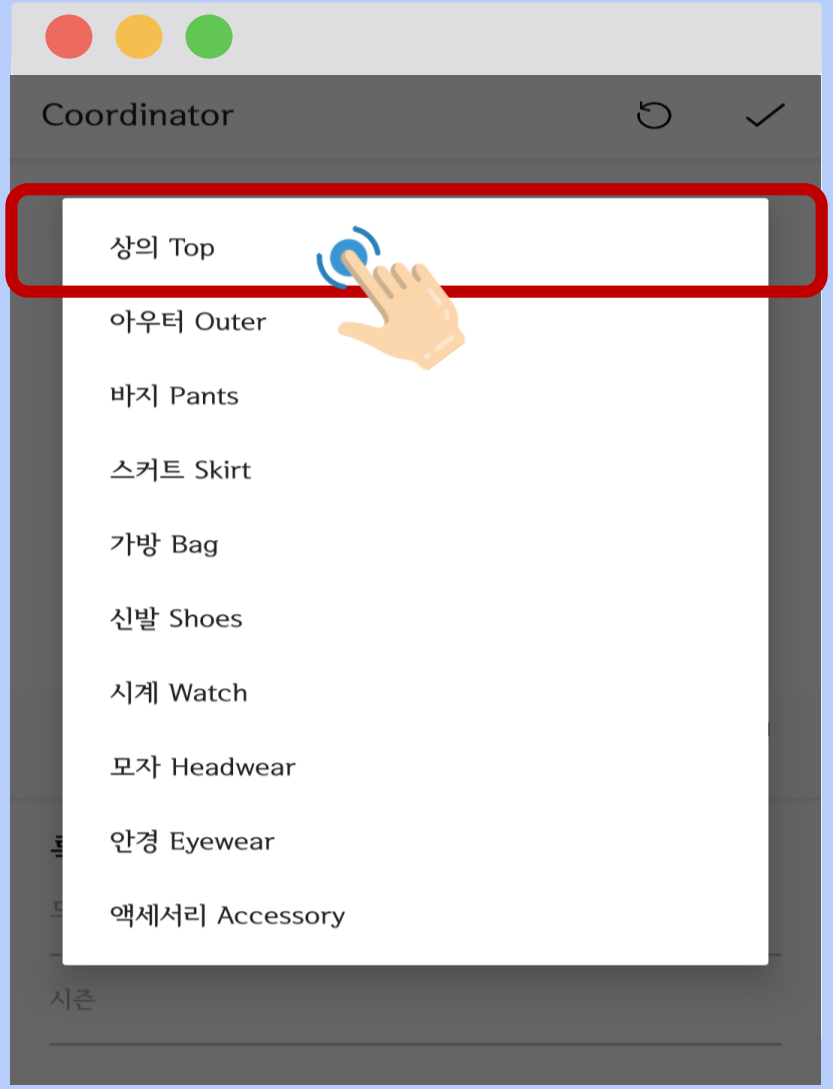

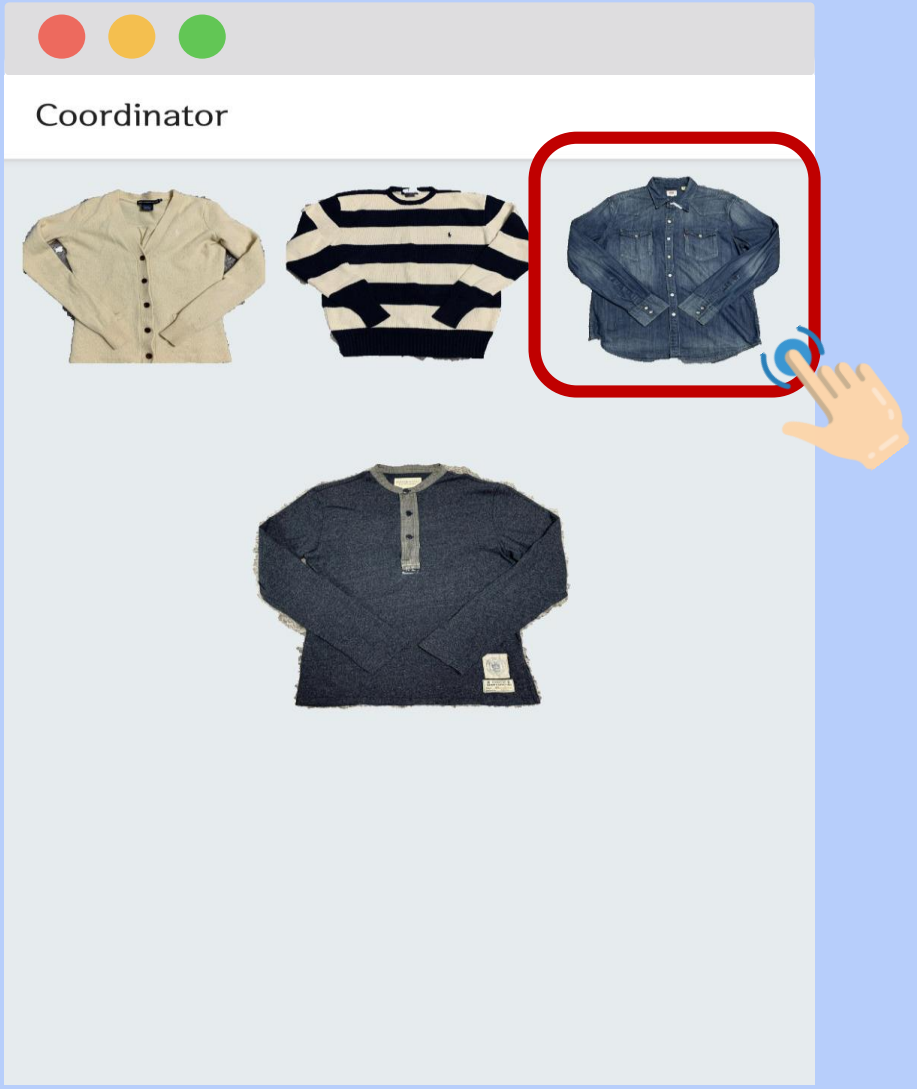

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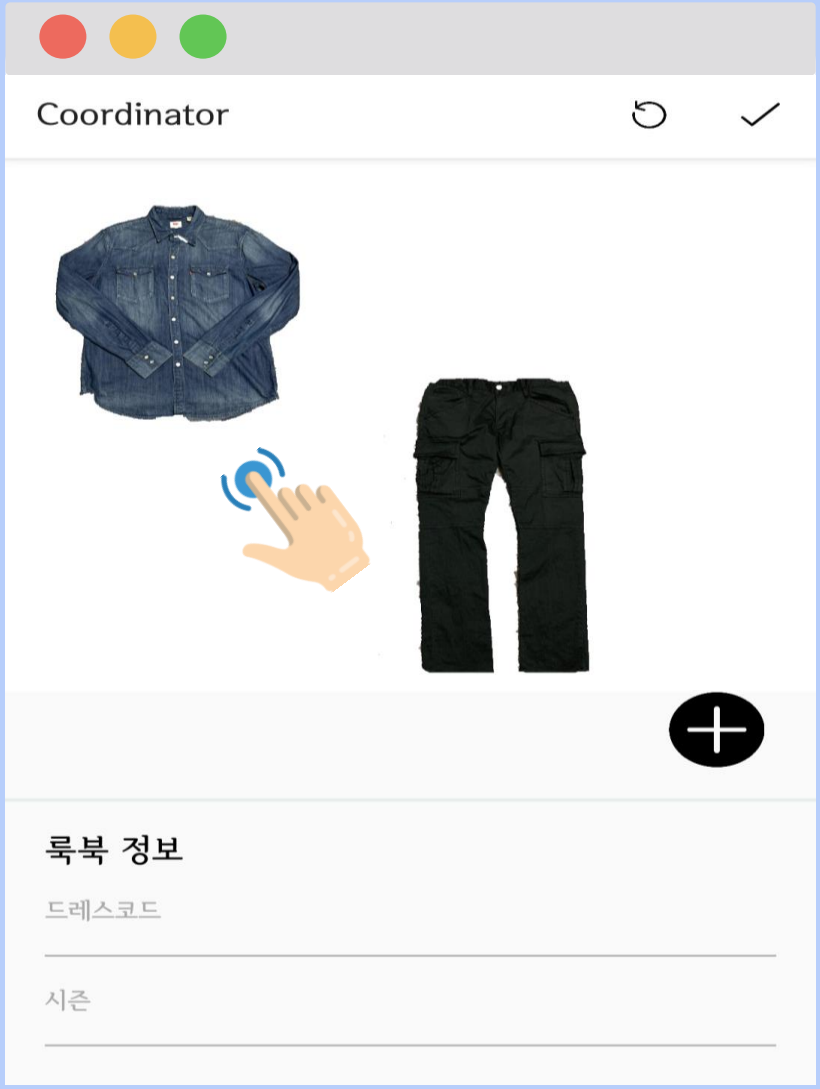

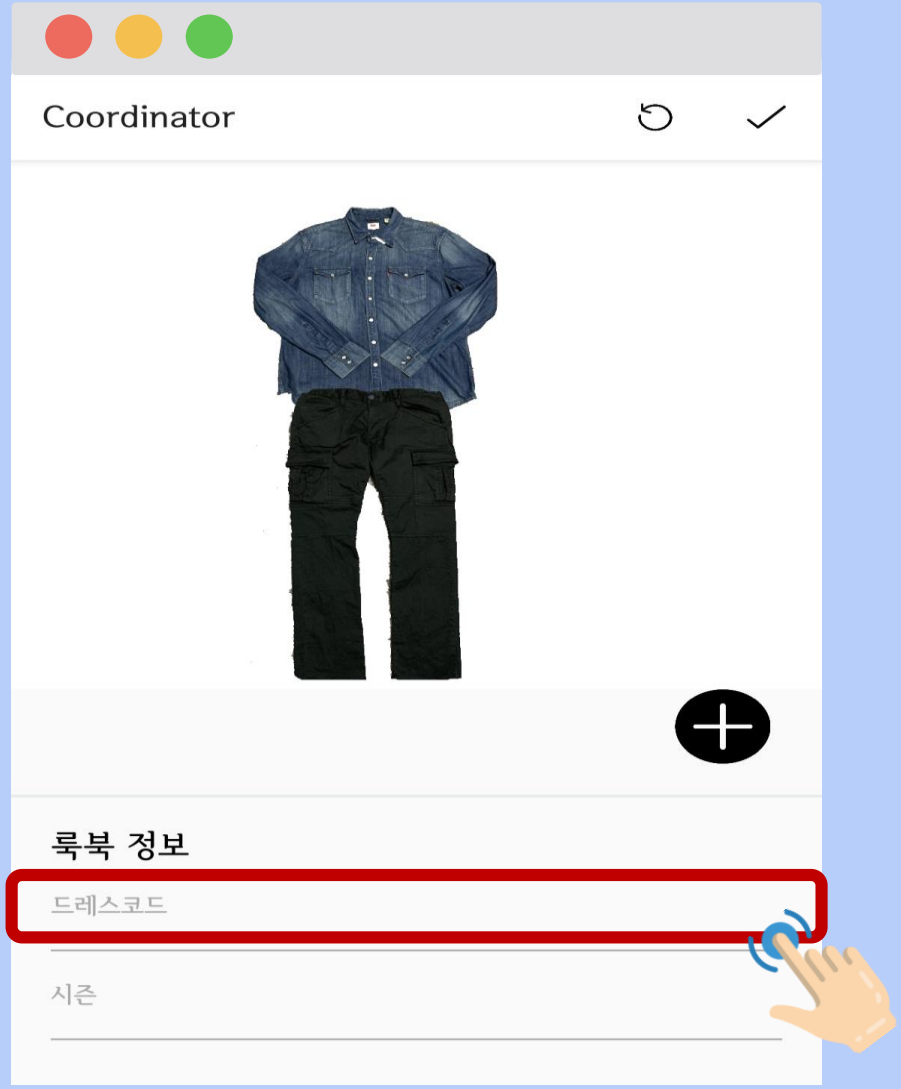

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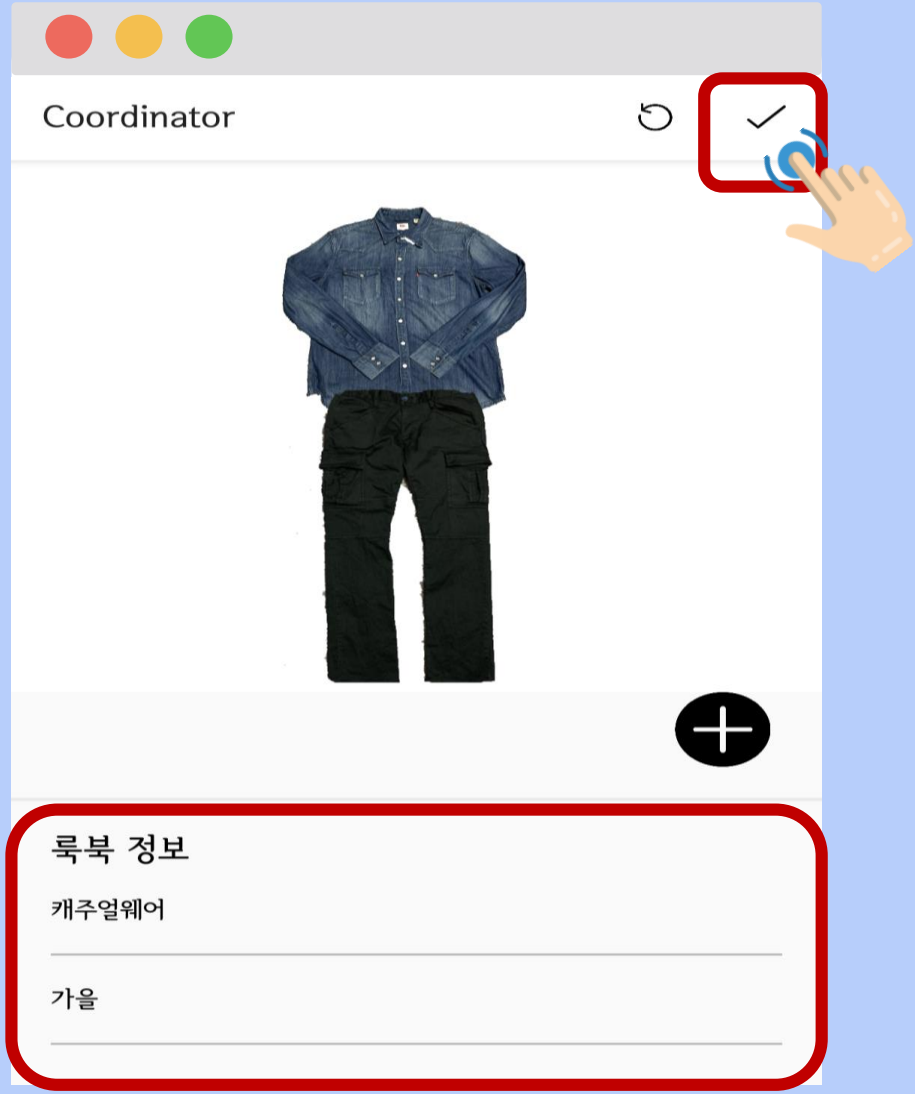

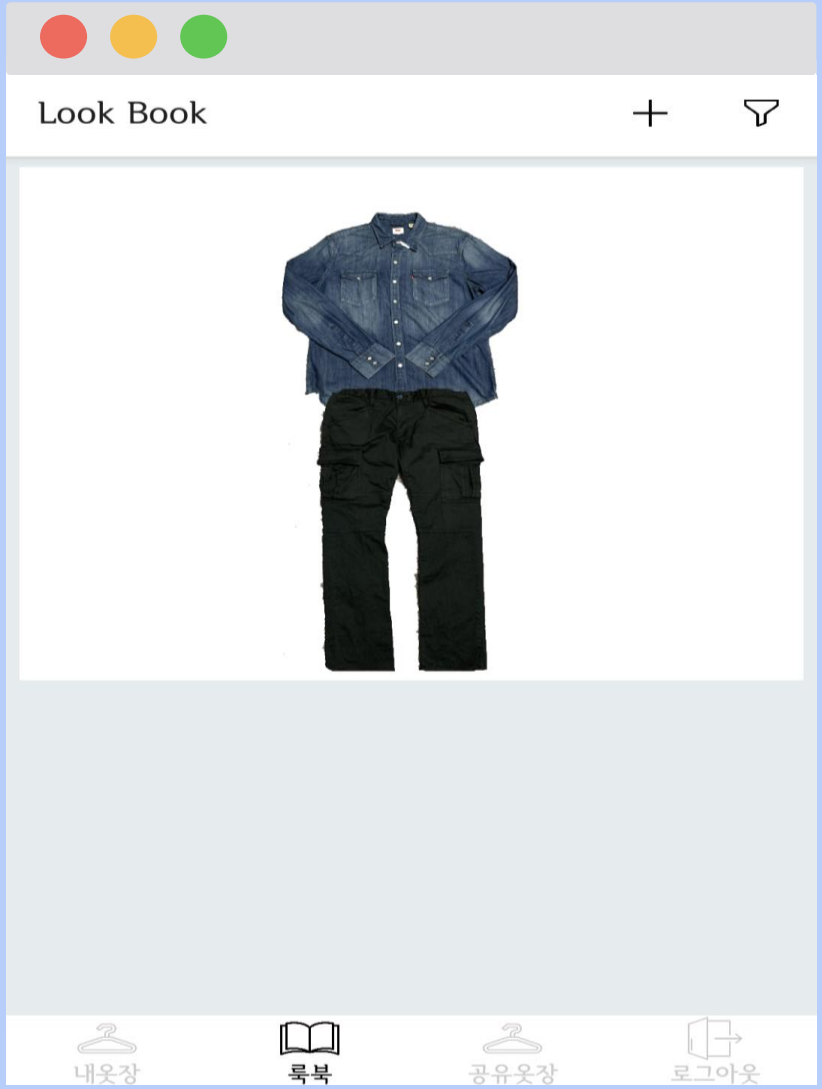

06 Scenario - look book

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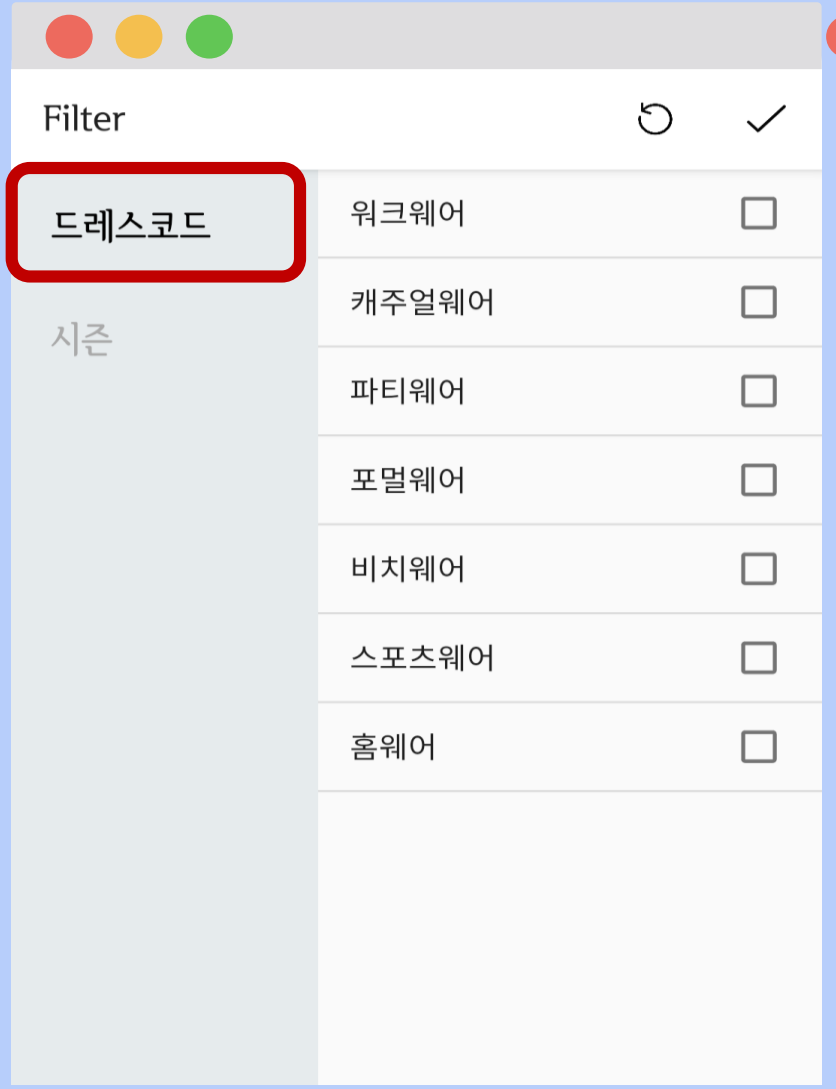
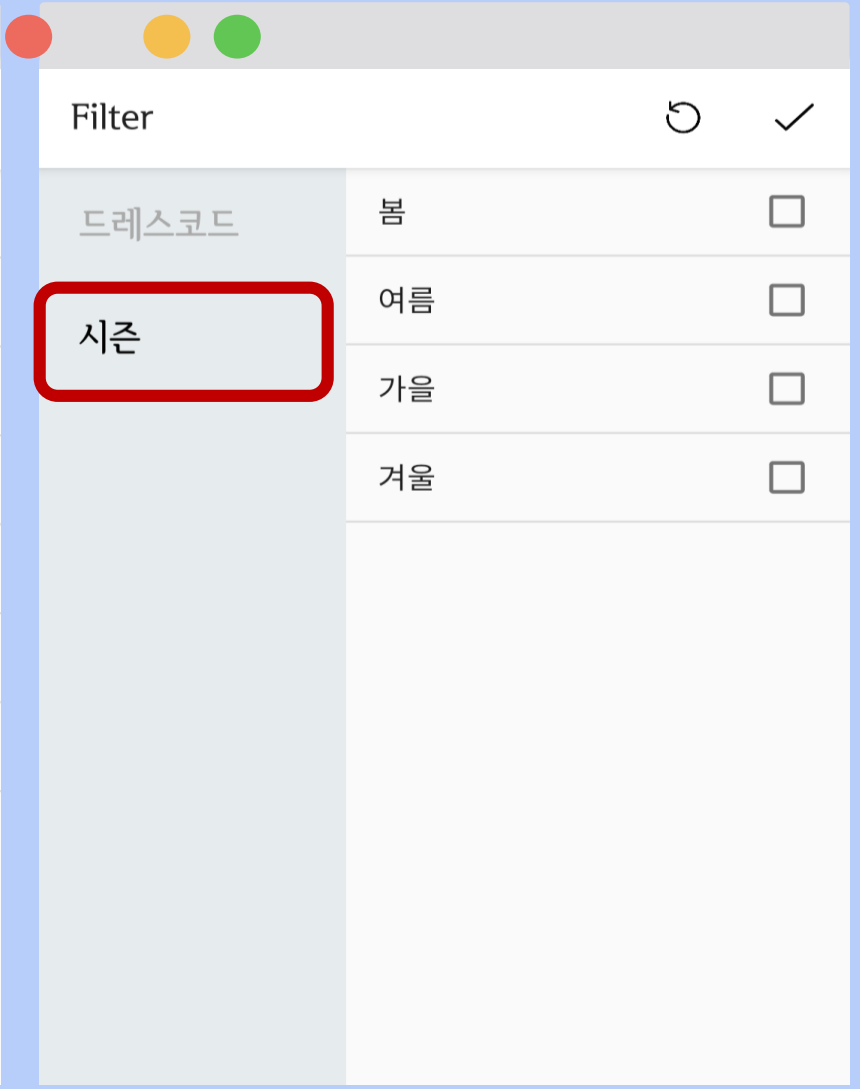
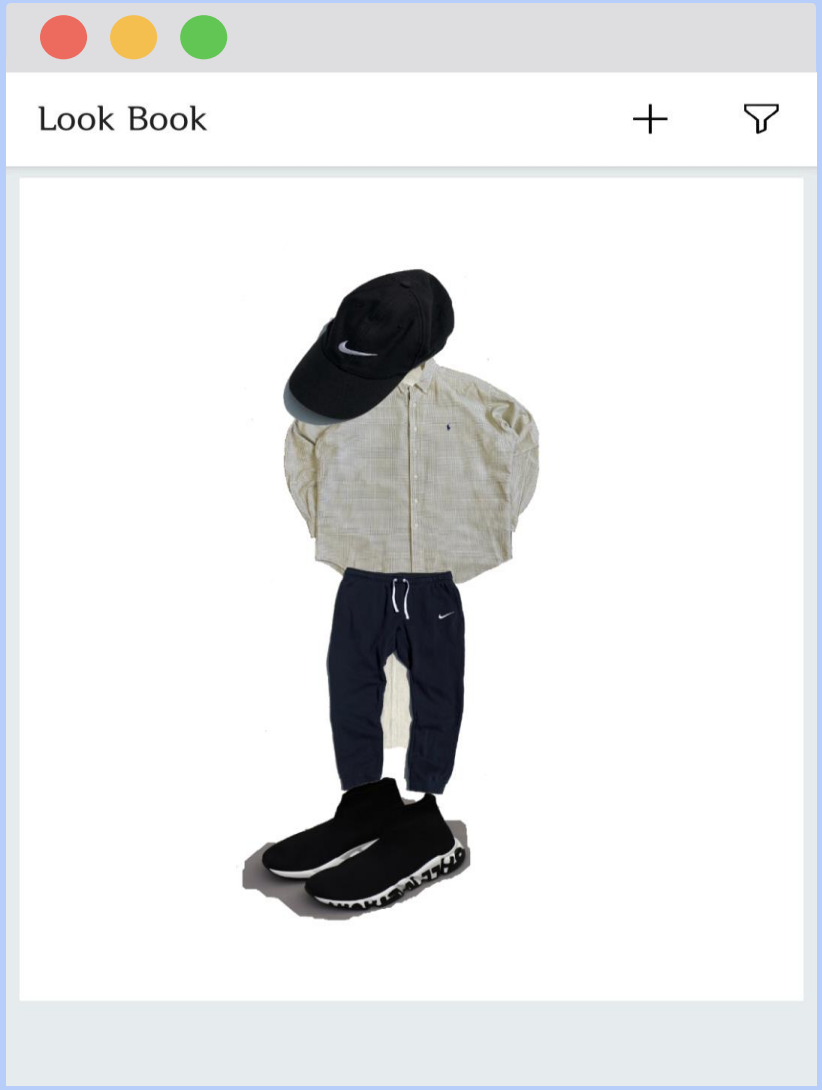
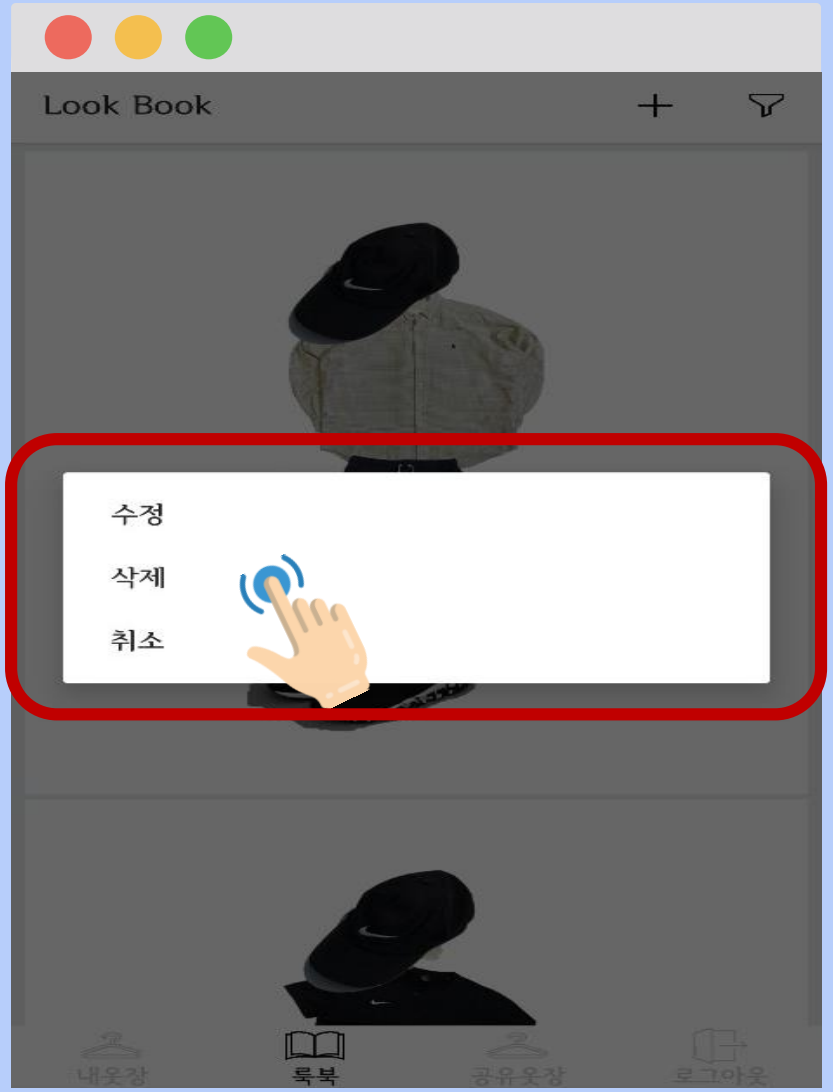




06 Scenario - look book

Delete & Modify

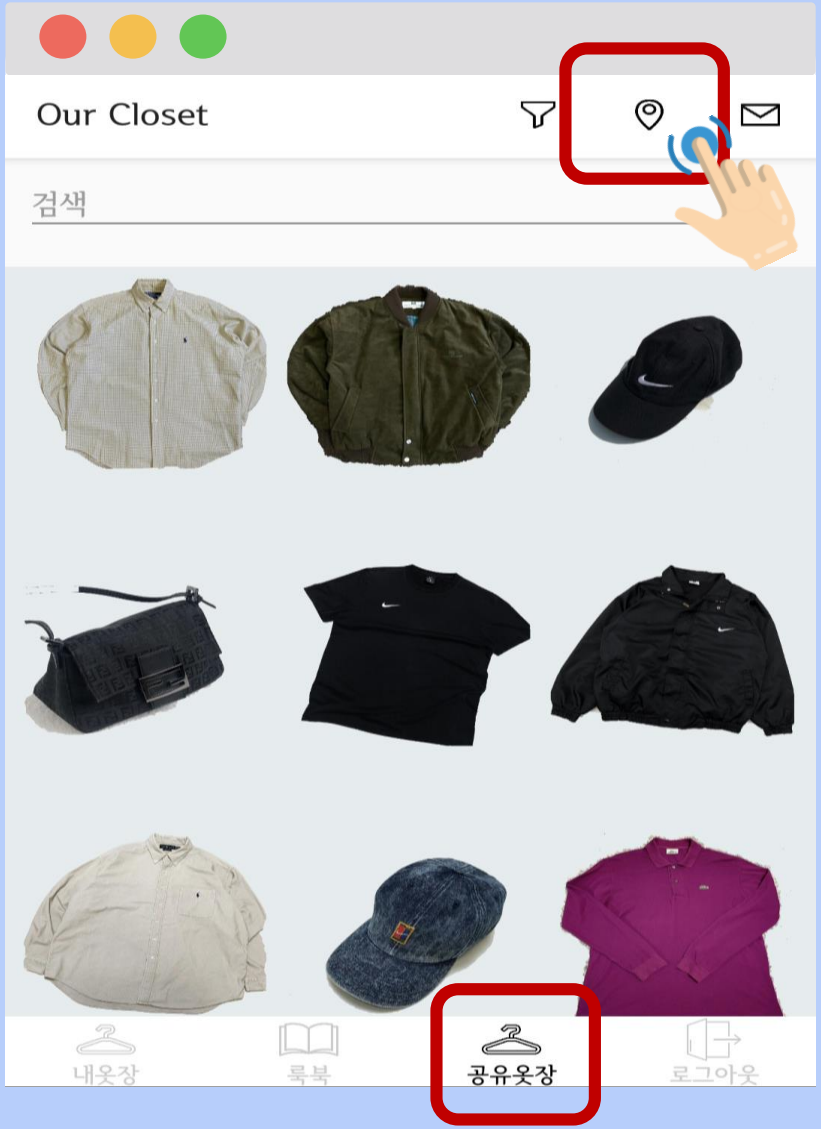


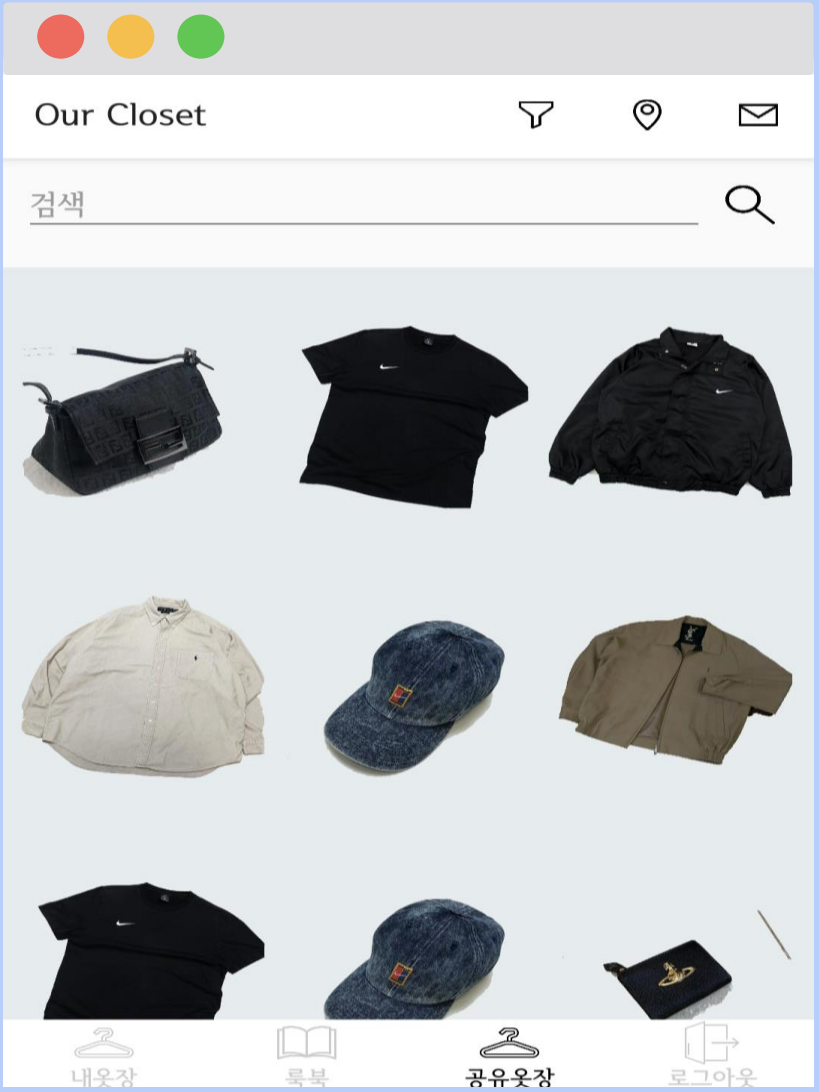


06

Scenario - our closet

In order of distance

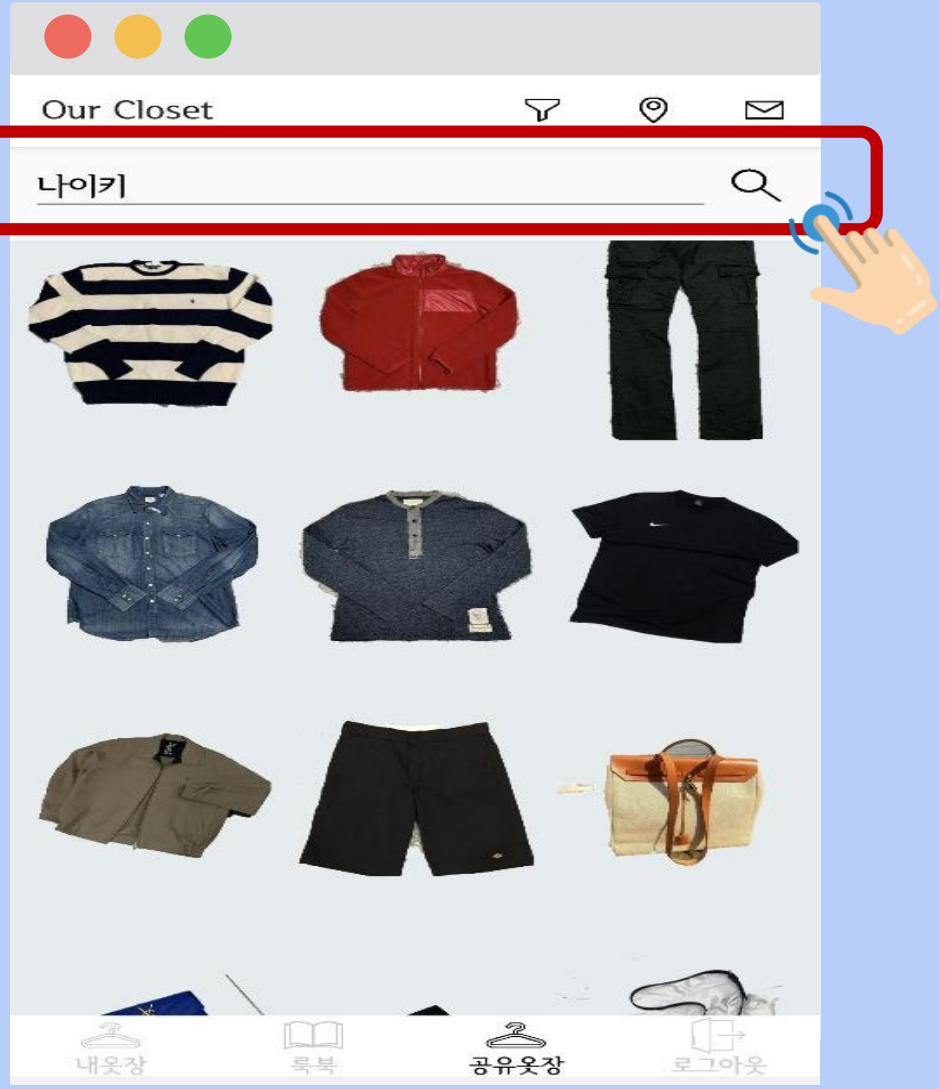


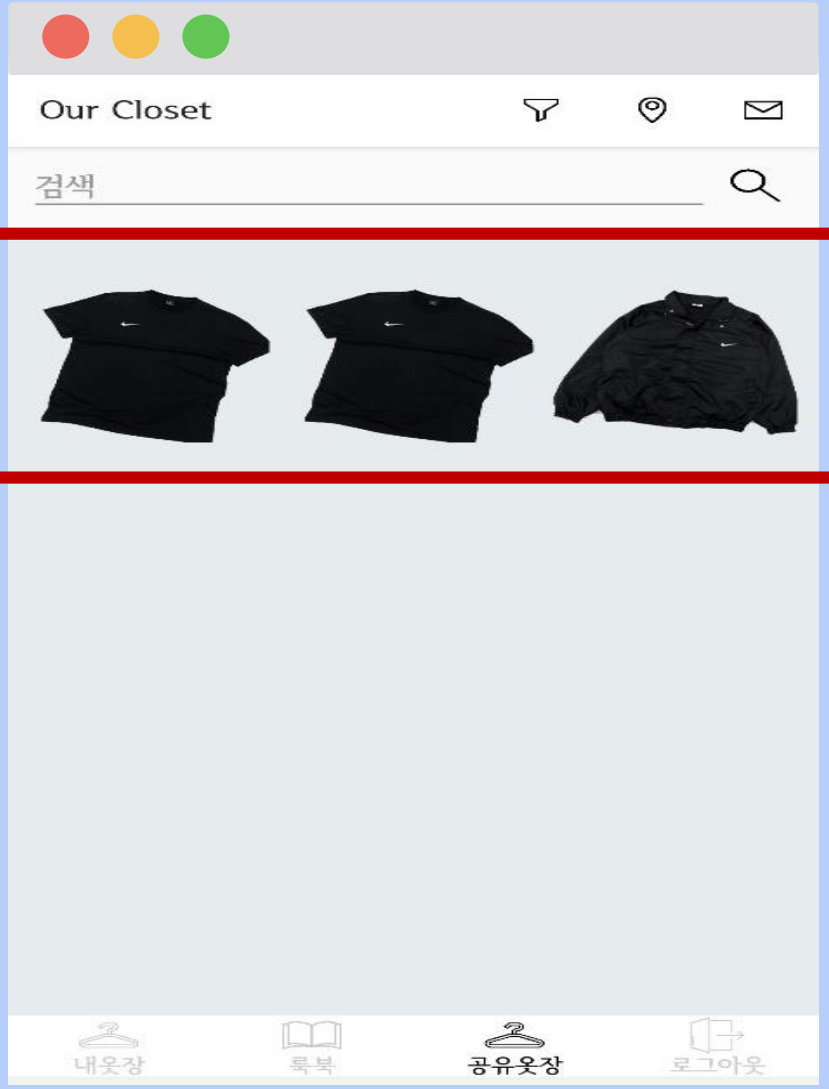


06

Scenario - our closet

Search

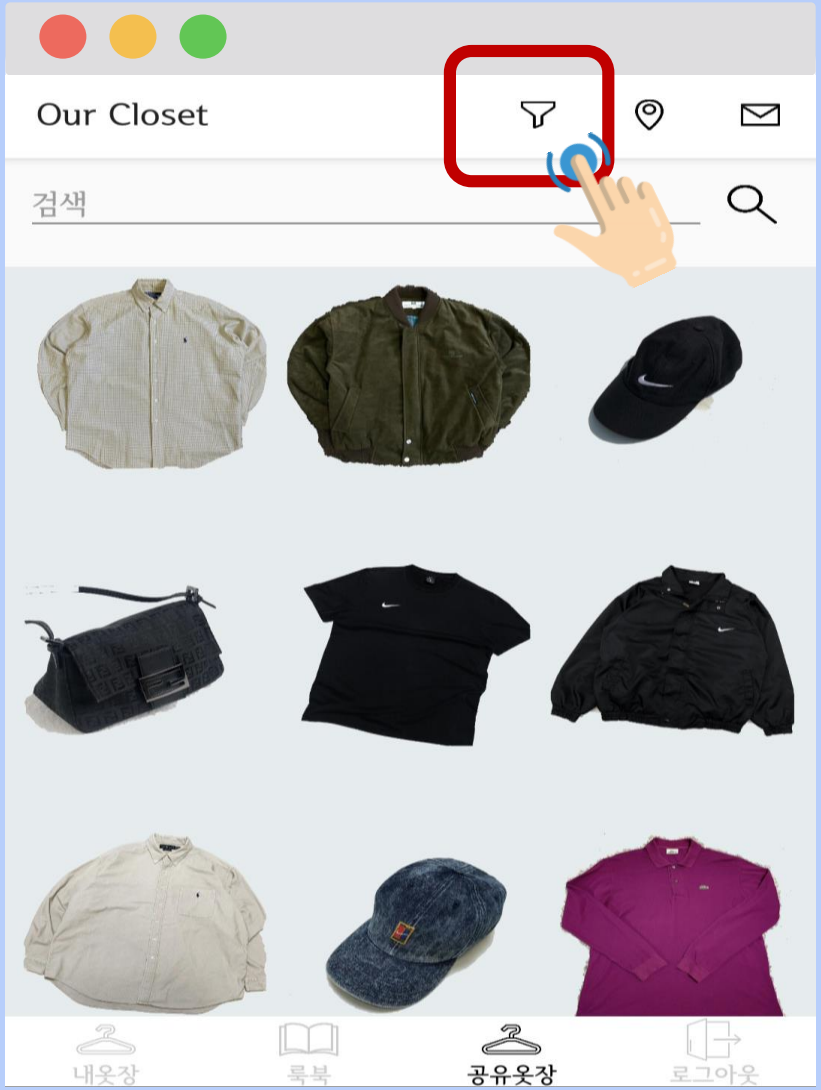


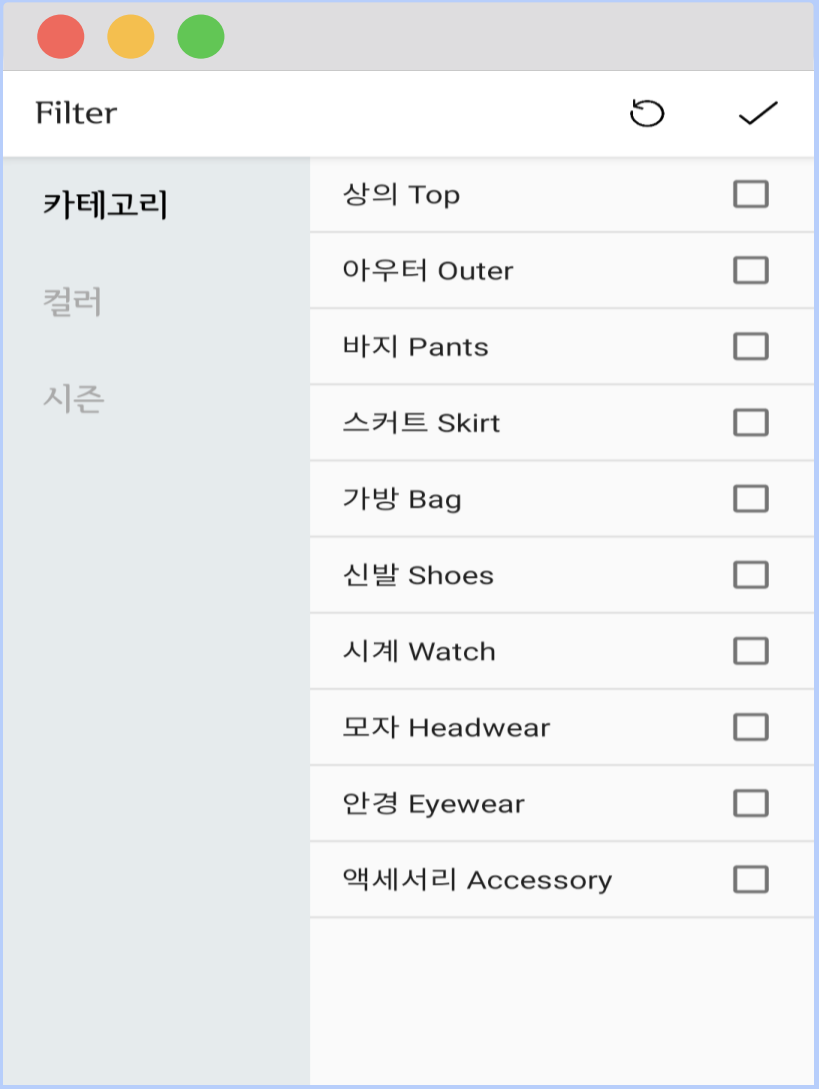


06

Scenario - our closet

Filter





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Scenario - our closet

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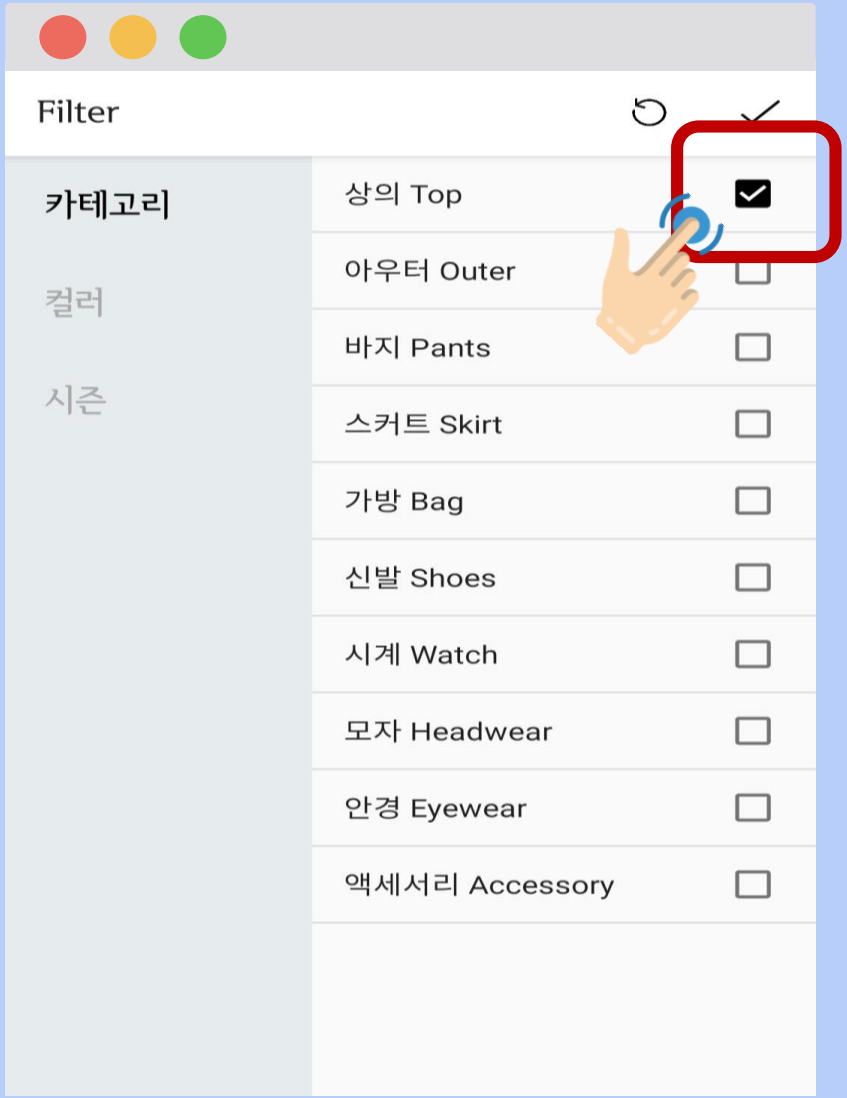
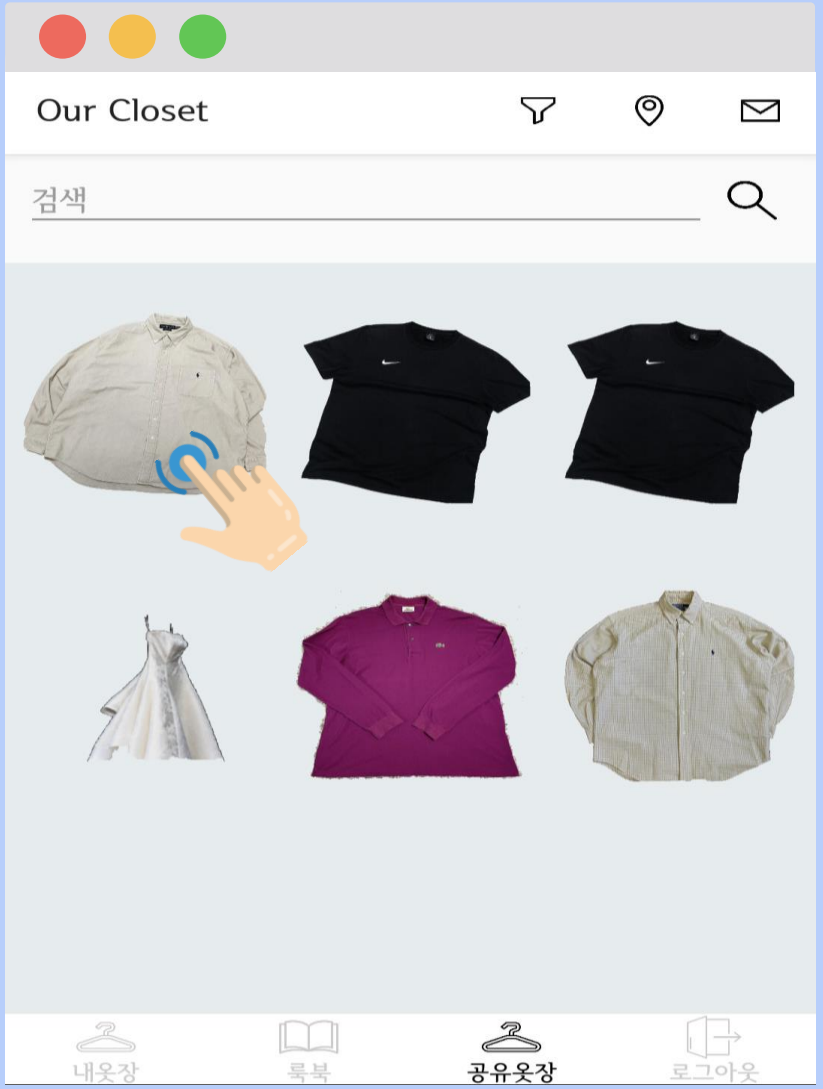
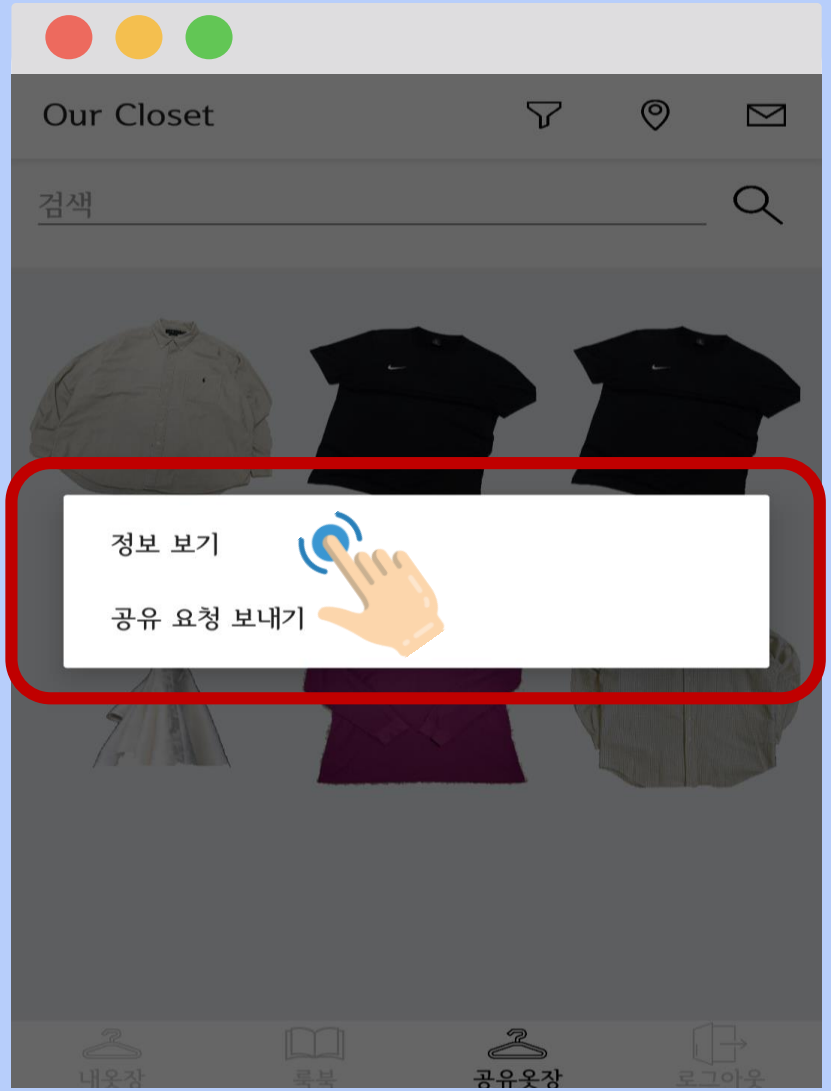




06

Scenario - our closet

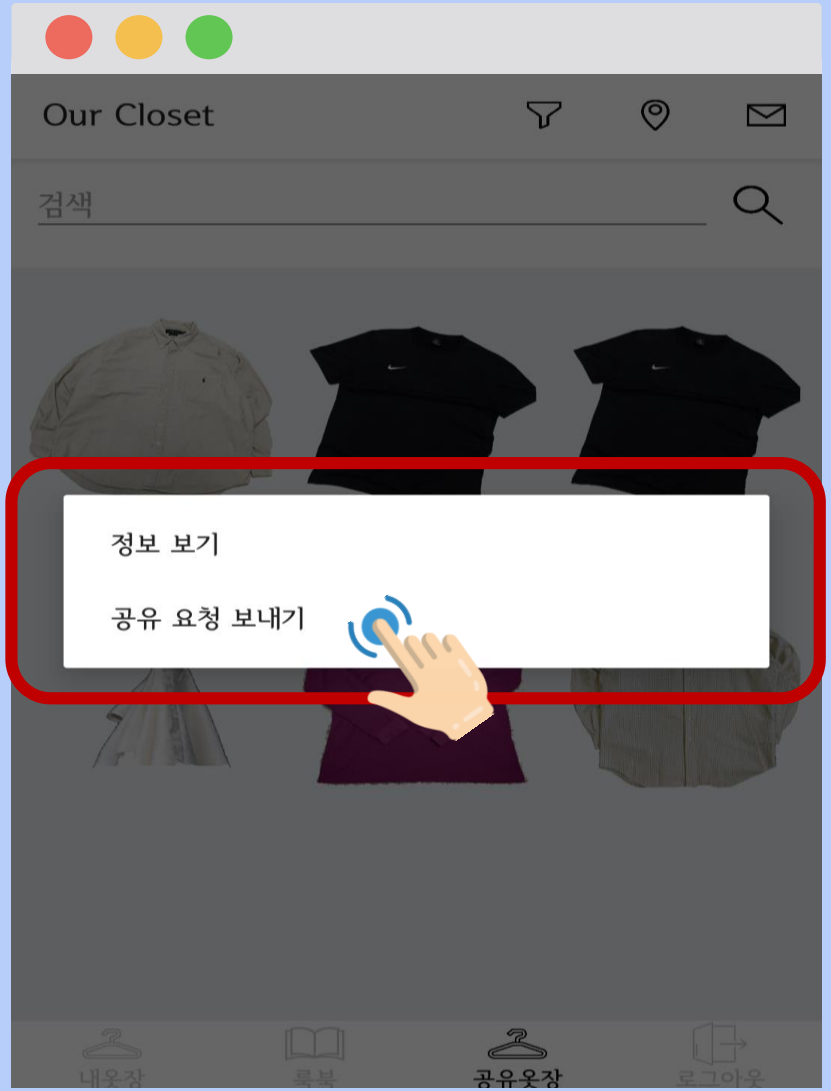
product's info.



06

Scenario - our closet

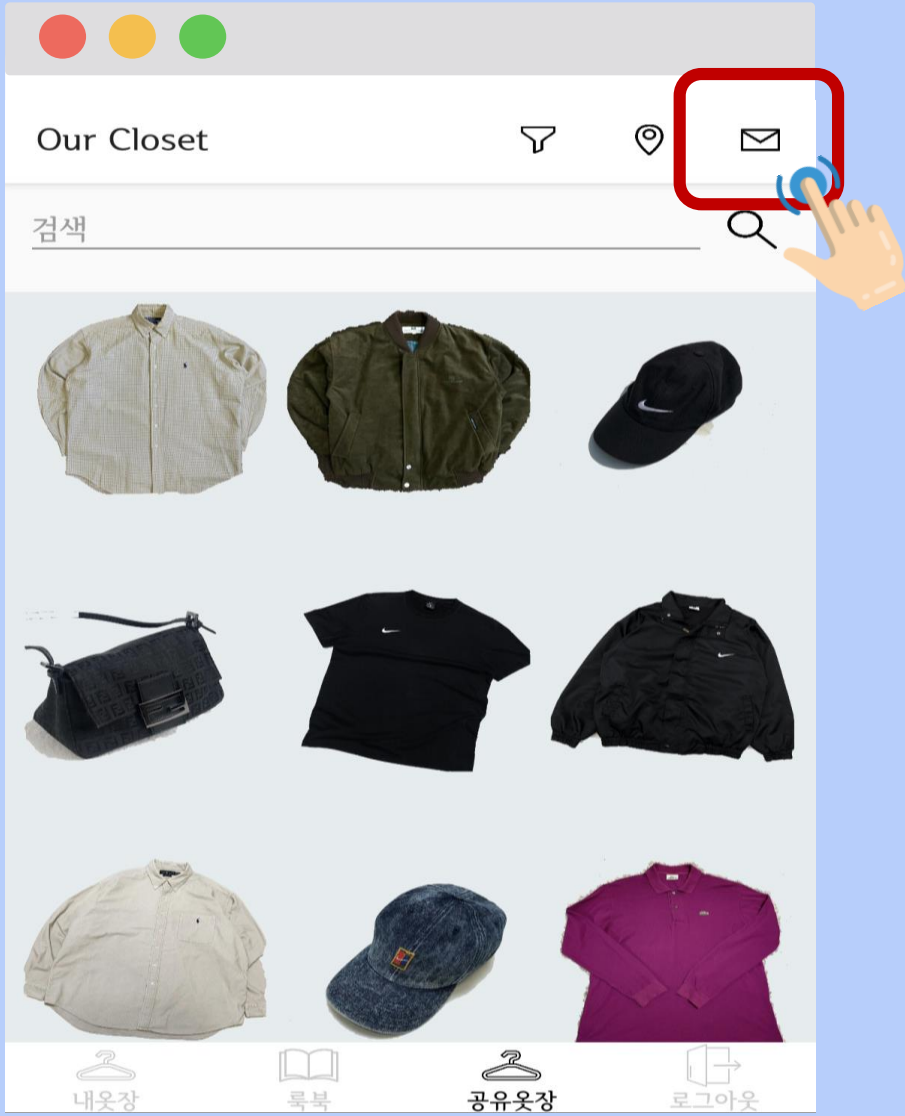
request



06

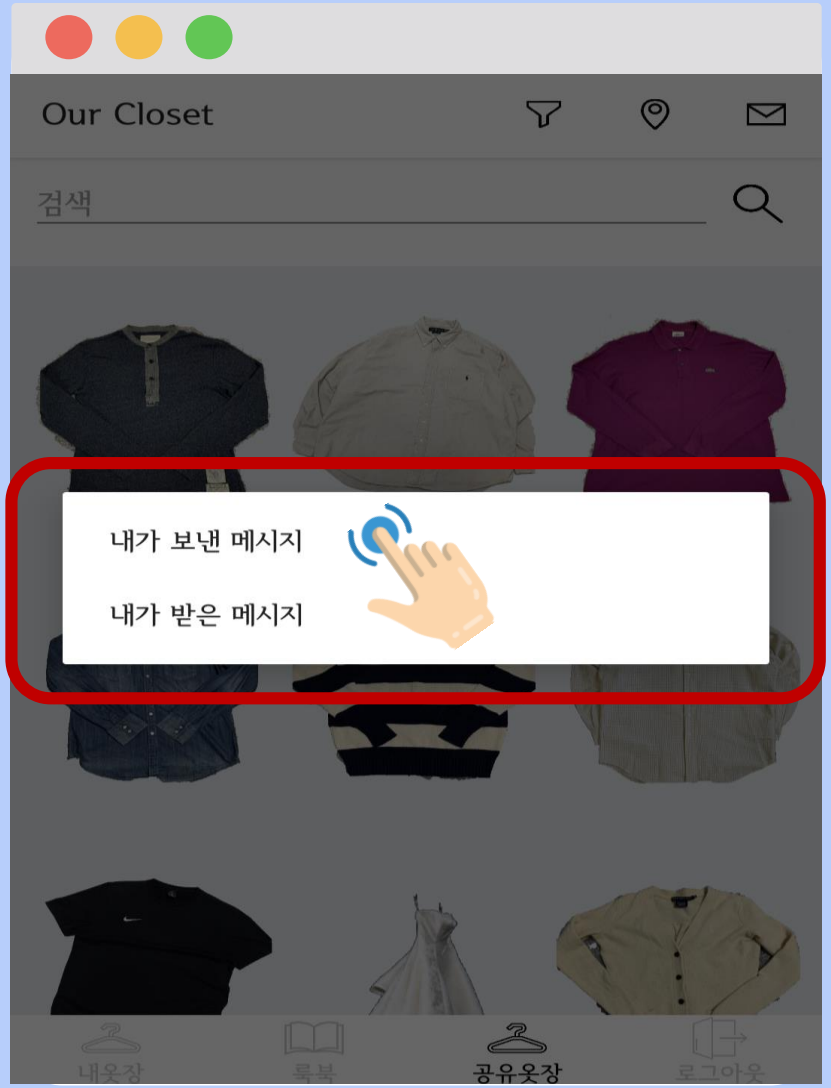
Scenario - our closet

message



06 Scenario - our closet

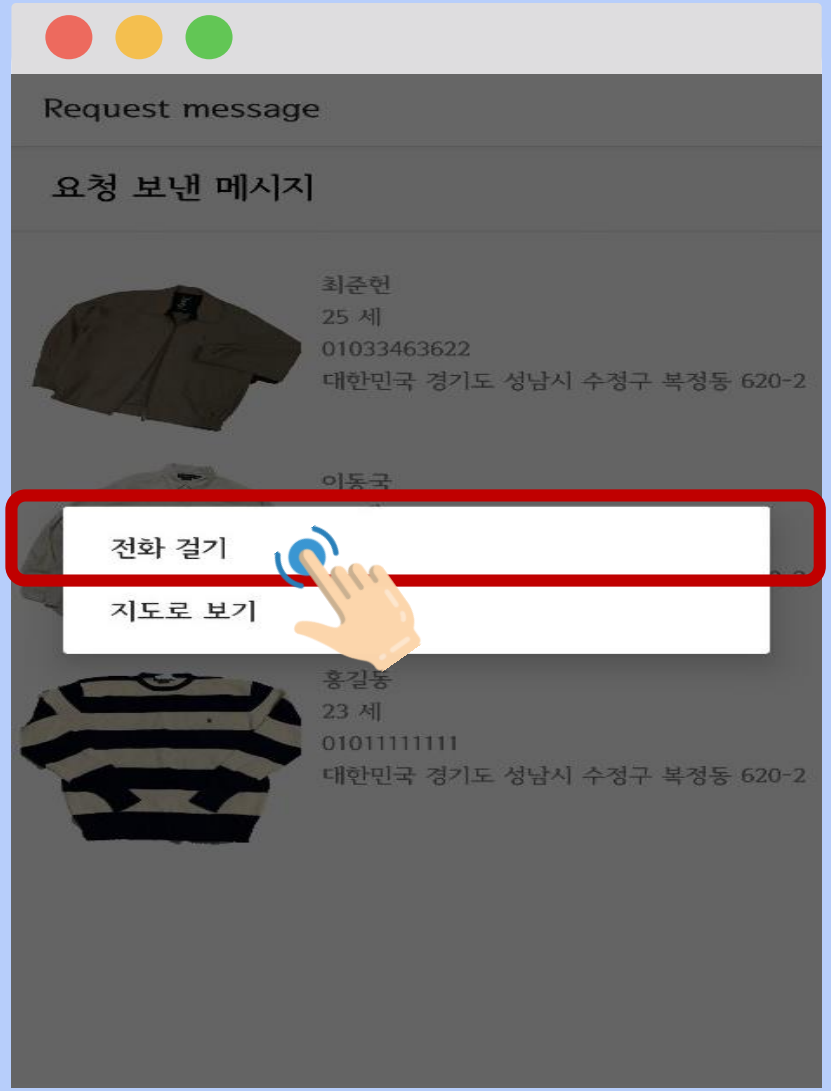
message

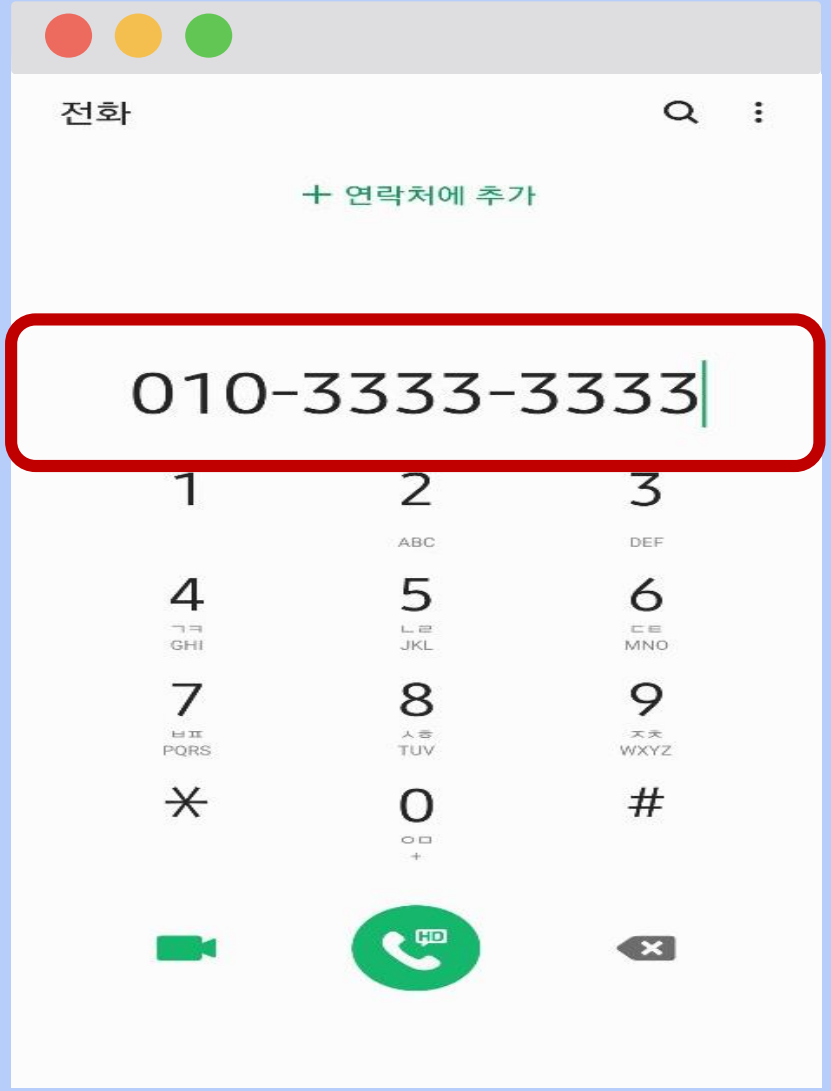


06

Scenario - our closet

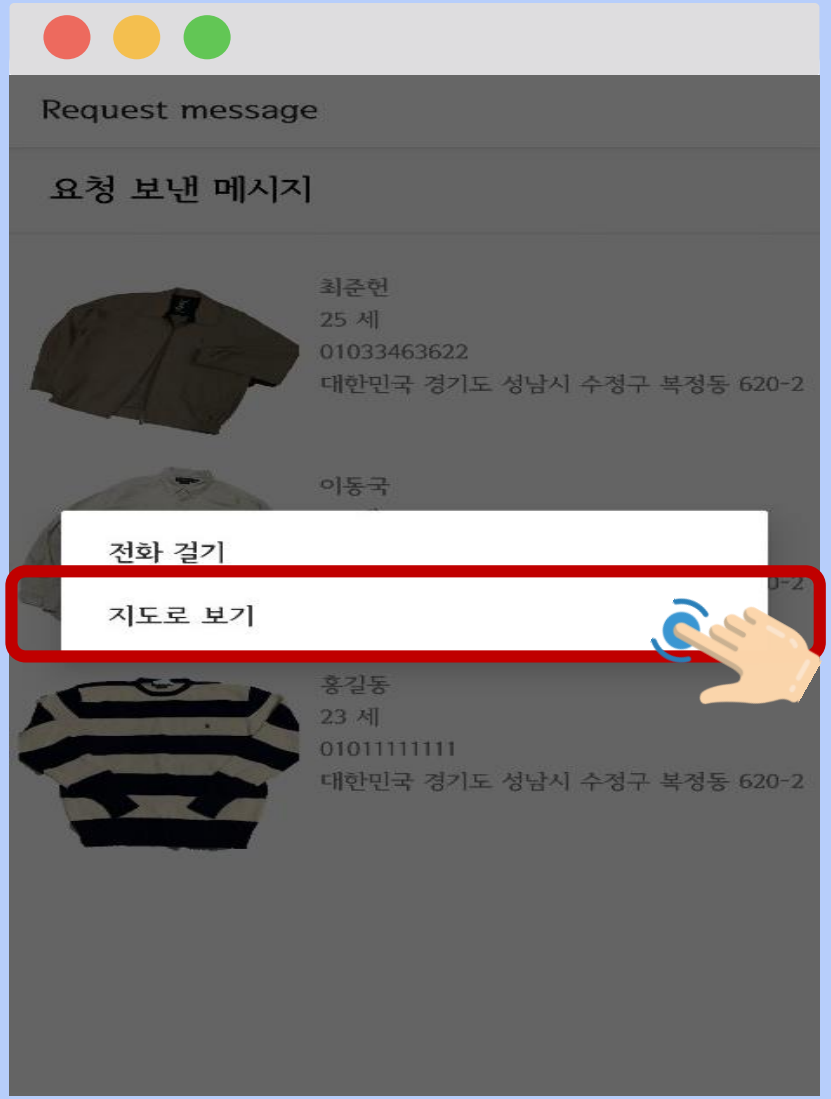
message





06 Scenario - our closet

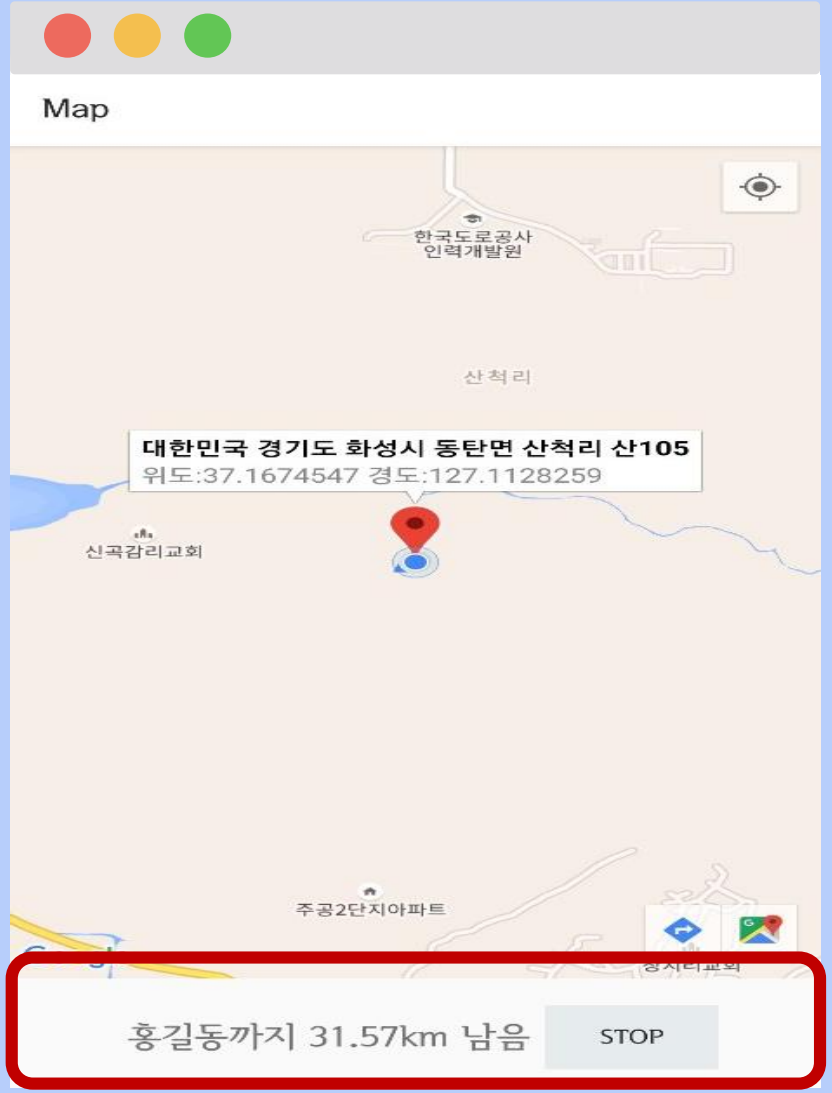
message



06

Scenario - our closet

message



07 Technology

Function

- Database
- GPS
  Google map
- Image processing

07 Technology

UI

- Image display

- AlertDialog

08 Role

이 진 원

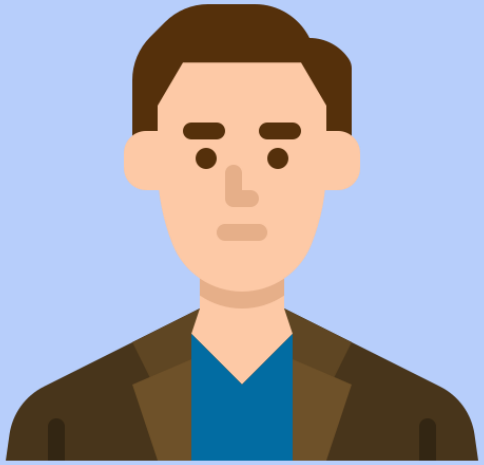
- Image processing using OpenCV
- Graphic UI design
- Make presentation
- Proposal, Final report

08 Role

최 준 헌

- 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

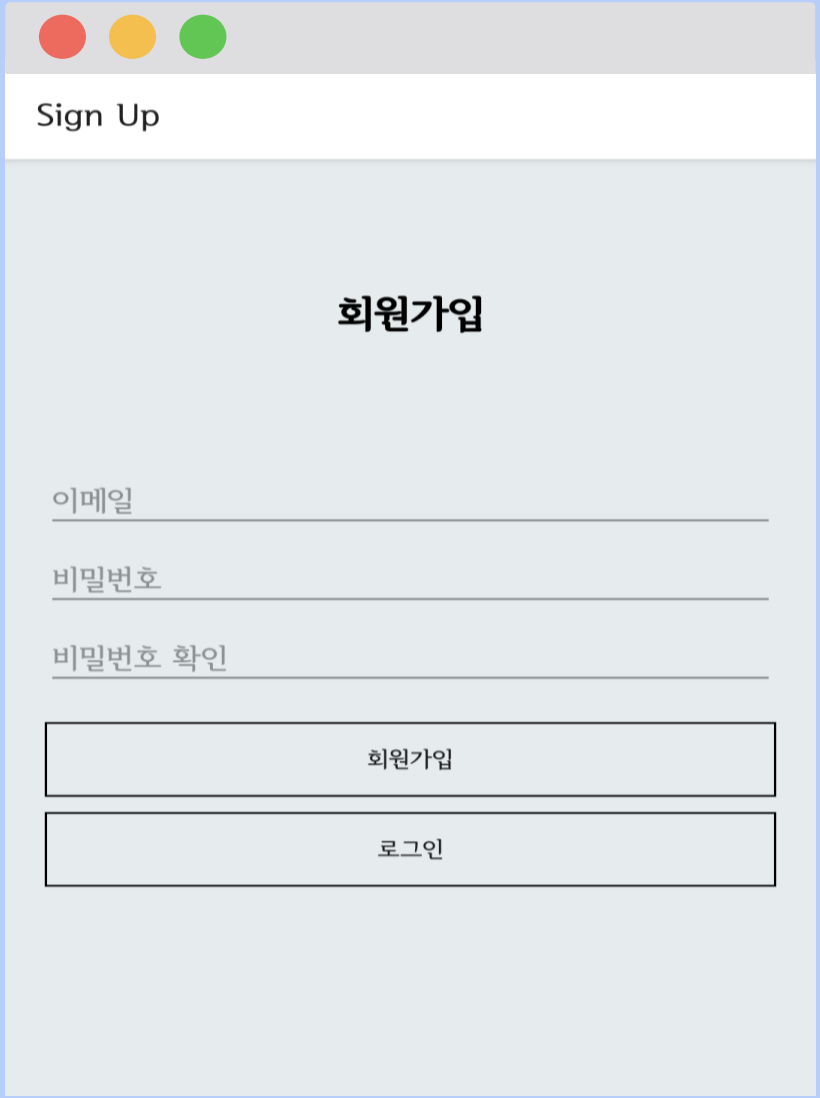
08 Role



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 & Log-in

이 상운 :

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

09 Project contribution

Store personal info.

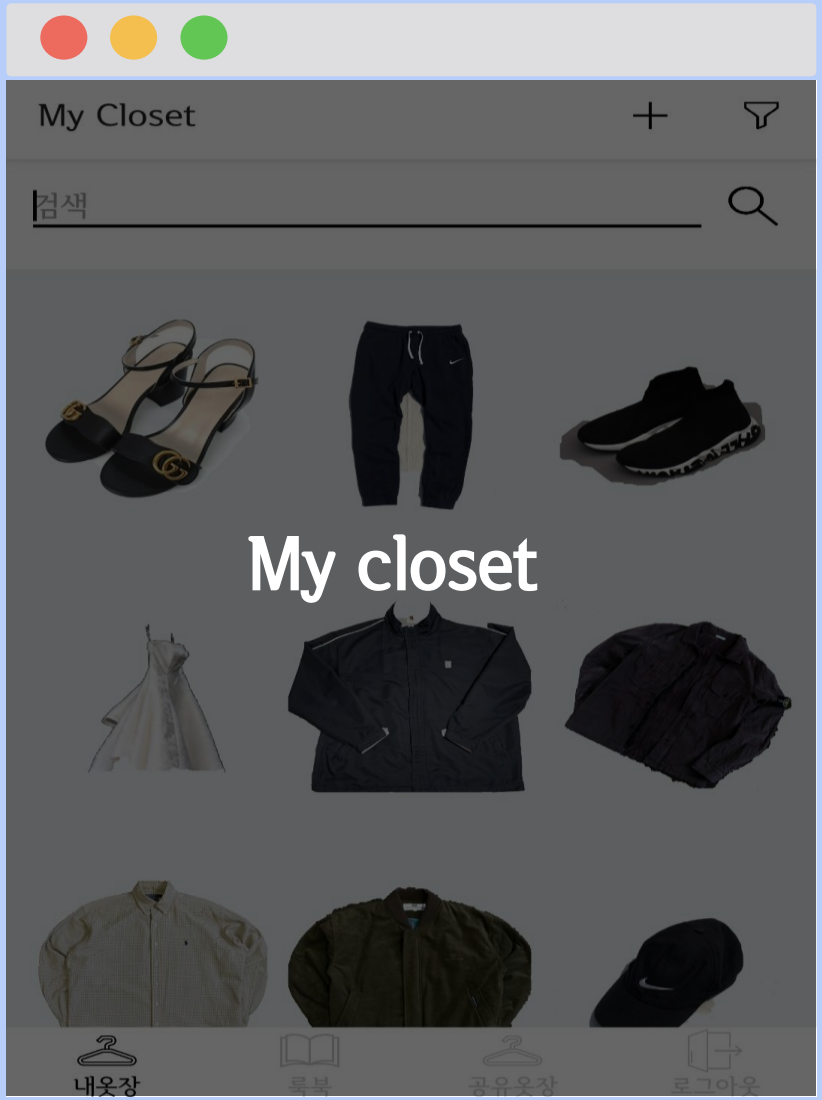
최 준헌 :

- Save current location information

이 상운 :

- Store personal info.

09 Project contribution



Main

최 준헌 :

- Show saved products on screen

Add

최 준헌 :

- Interlock with camera and gallery.

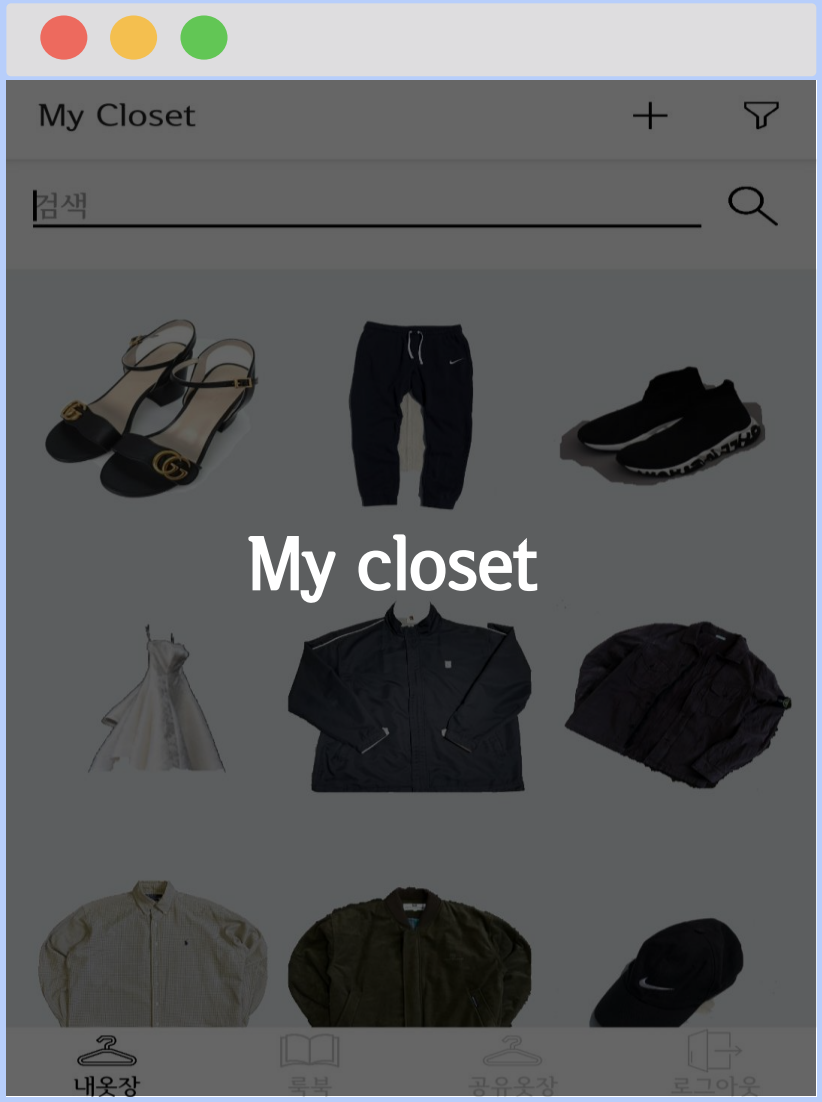
이 상운 :

- Save product’s image, information into database

이 진원 :

- Image processing

09 Project contribution



Filter & search

최 준헌 :

- Compare information by filtering and searching criteria

modify & delete

이 상운 :

- Modify product’s information
- Delete product

09 Project contribution

main

최 준헌 :

- Show saved looks on screen

add

최 준헌 :

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

이 상운 :

- Save look's image, information into database

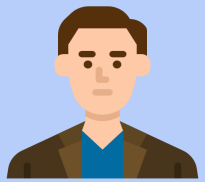
09 Project contribution

filter

최 준헌 :

- Compare information by filtering criteria

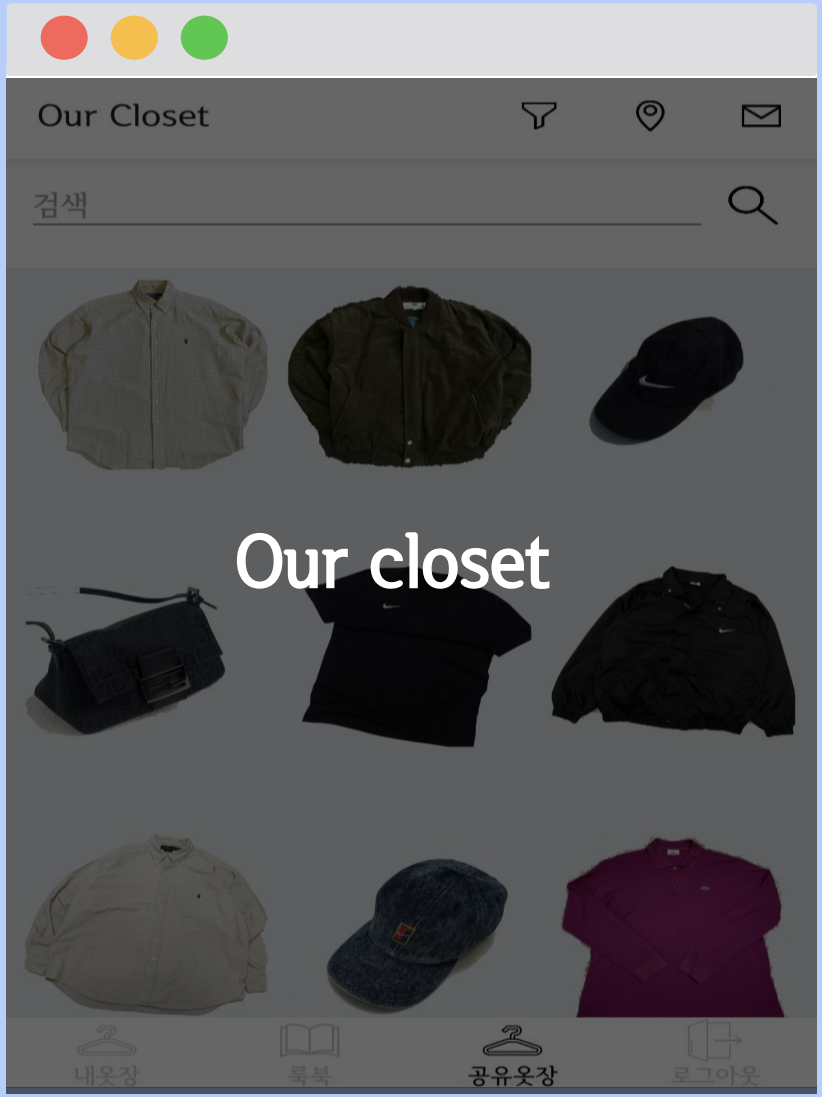
modify & delete



이 상운 :

- Modify look’s information
- Delete look

09 Project contribution



main

최 준헌 :

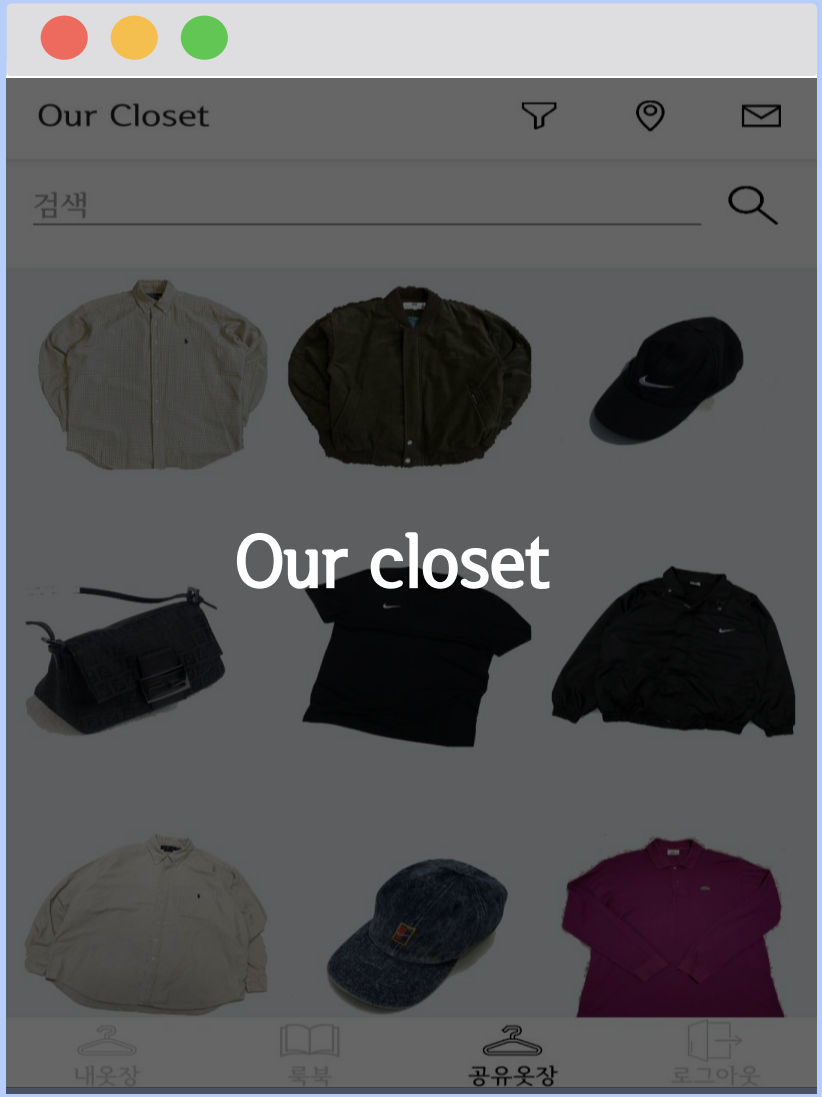
- Show saved shared product on screen

Filter & search

최 준헌 :

- Compare information by filtering and searching criteria

09 Project contribution



In order of distance

최 준헌 :

- Show shared products in order of location

Message

최 준헌 :

- Show message information from database

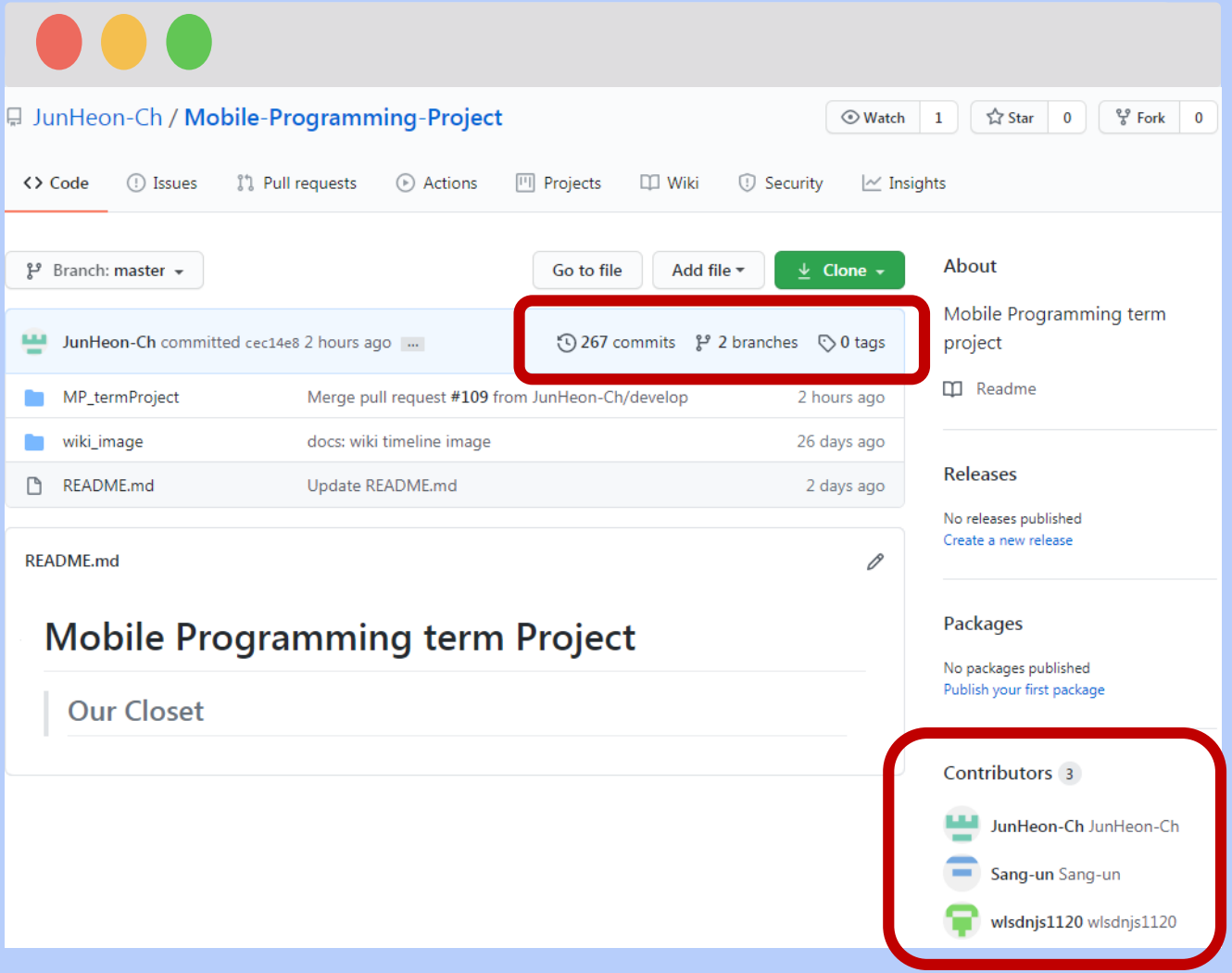
Request Share

이 상운 :

- Save request information to database

10 Configuration management

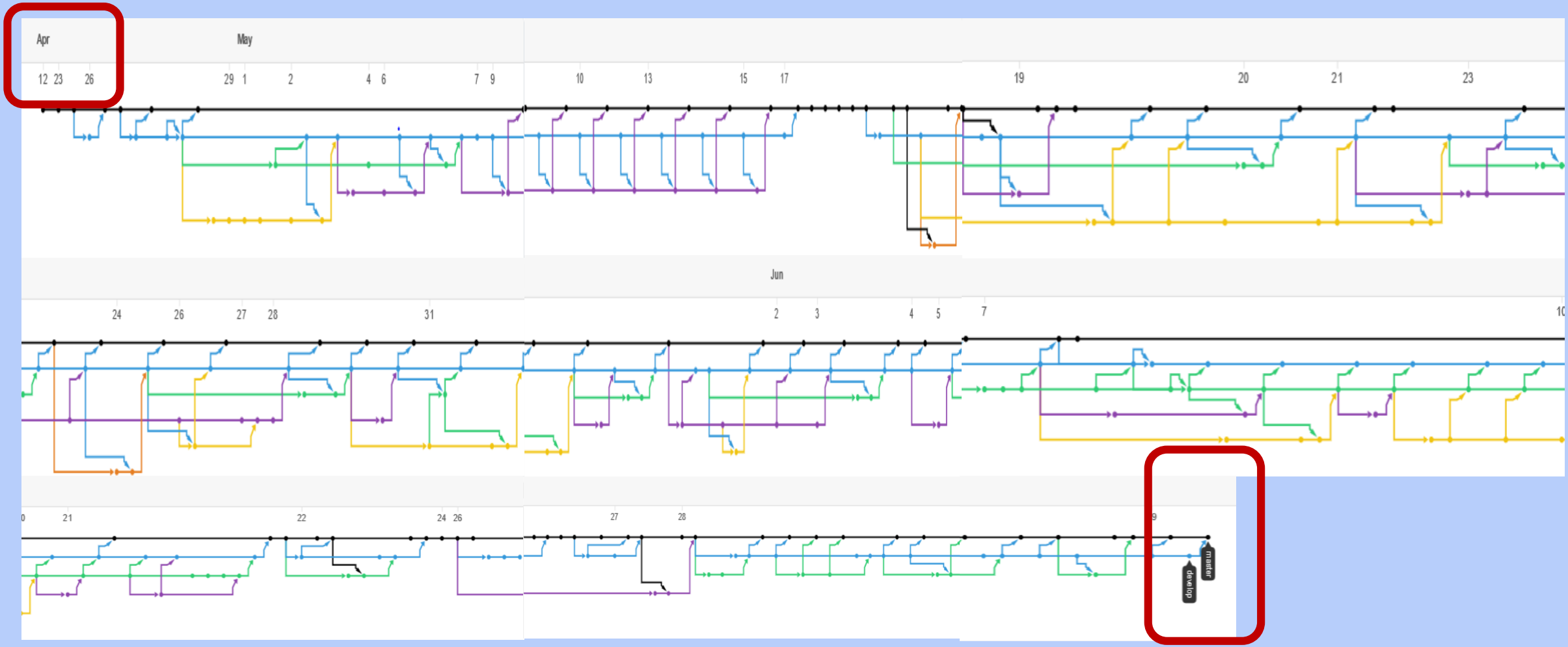
- https://github.com/JunHeon-Ch/Mobile-Programming-Project



- We push 267 commits !

10 Configuration management

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



Conclusion

11 Conclusion

- 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