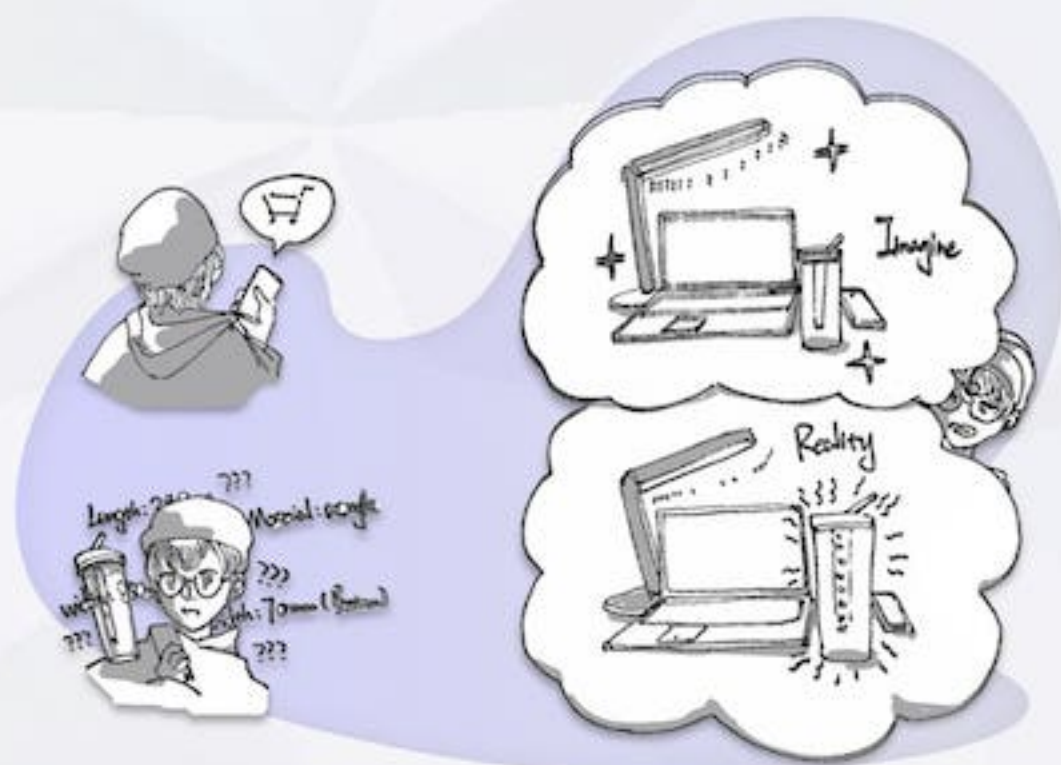


# Inspiration and Expecting

## Story



- When shopping online I have difficulty visualizing the size of the item, even when the merchant gives abstract numbers of the size. This leads to the likelihood that I will buy the wrong size item. The main factors that negatively impacted my online shopping experience in this process were

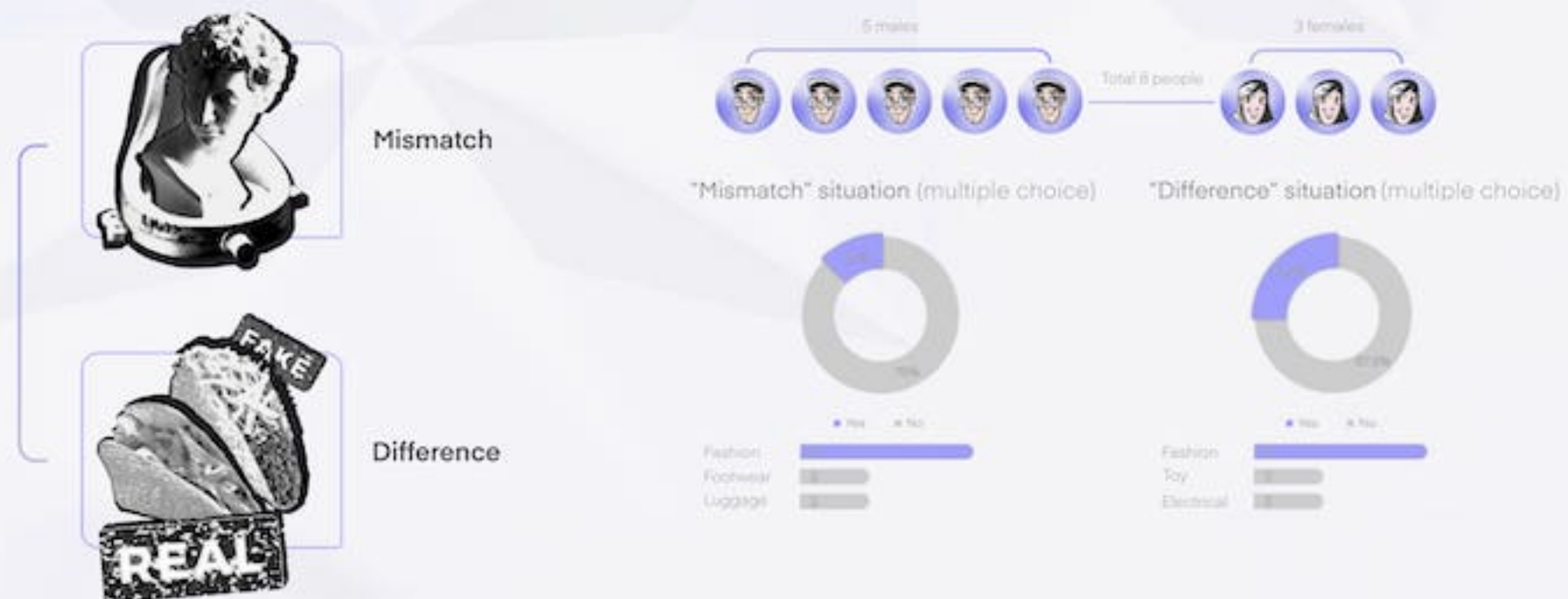
"Inability to visually compare the size of the item with other objects".

So I started the research. ▶

## Questionnaires

I first did a questionnaire to verify whether the bad experience I had when shopping online was a common phenomenon.  
\*Data from random sampling on campus.

Major bad experiences when shopping online



According to the data, this phenomenon is now a very common thing in the new network.

## Reference

It is easy to see that the two main factors affecting the online shopping experience actually have a lot in common, such as both being visually based, both occurring only in online shopping, etc.

I researched some apps that try to improve these factors.



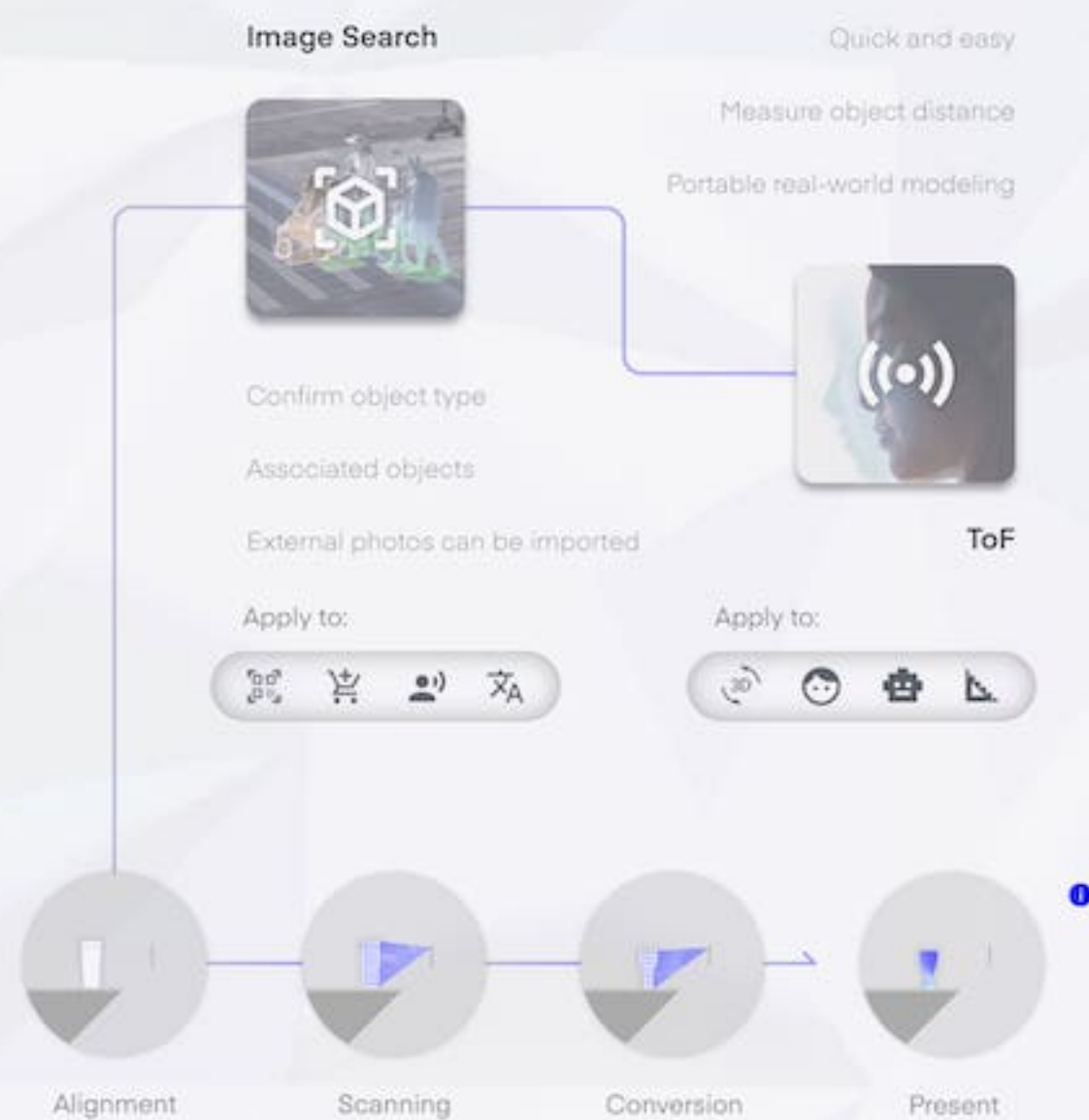
These apps all use AR technology to improve the user experience, and they are all furniture apps.

But the changes they make are limited to visuals.



# Final Ideas and Process

## Thinking



## Instruction

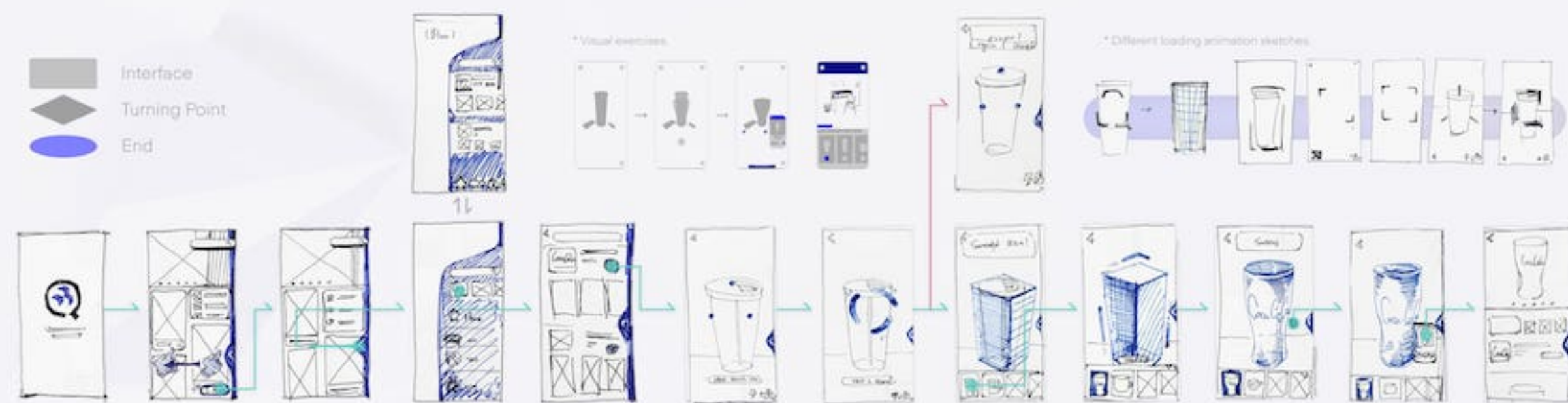
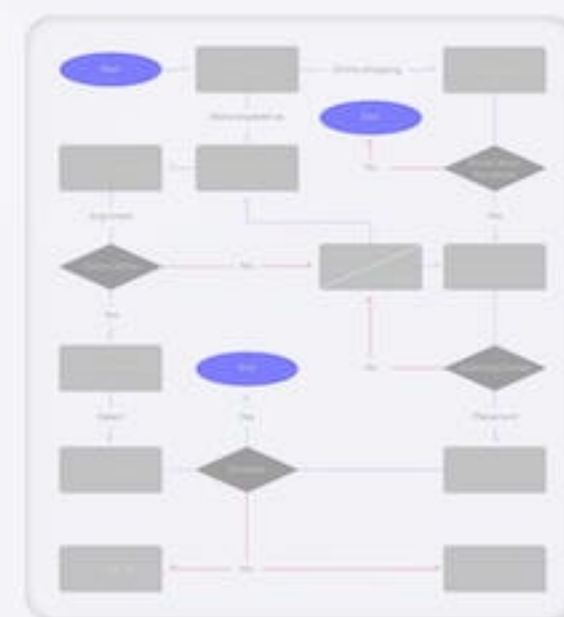
- How to generate physical interaction with the AR model.



Most of the current AR models that cannot be physically interacted with are mainly because they are "projected" in space.

It lacks an accurate point of orientation.

## Flow Show



Then an object is first positioned, and then the model is applied to it to achieve physical interaction with the virtual object.

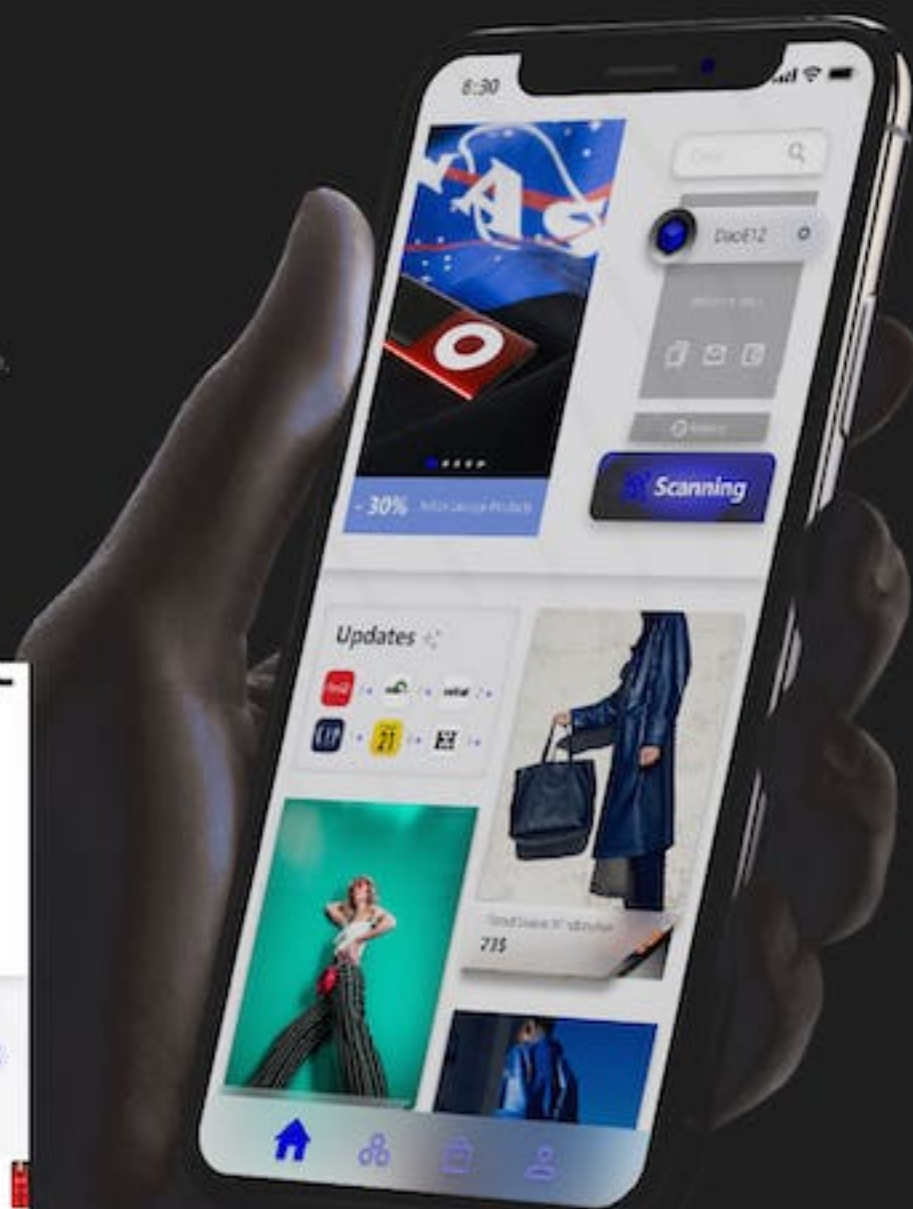
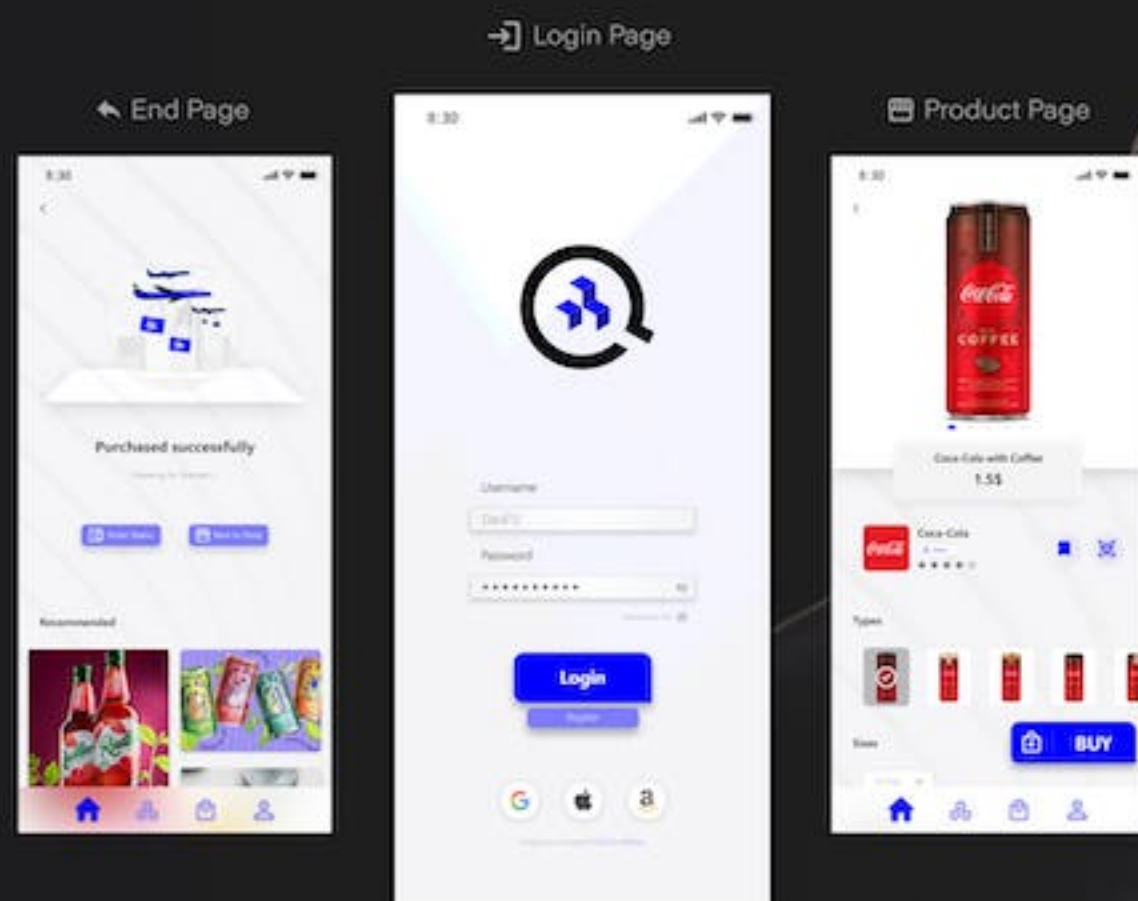
# Final product show

## High-fidelity

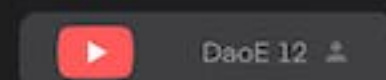
\*Only the main processes.

Self-created brand: QuarkBlue

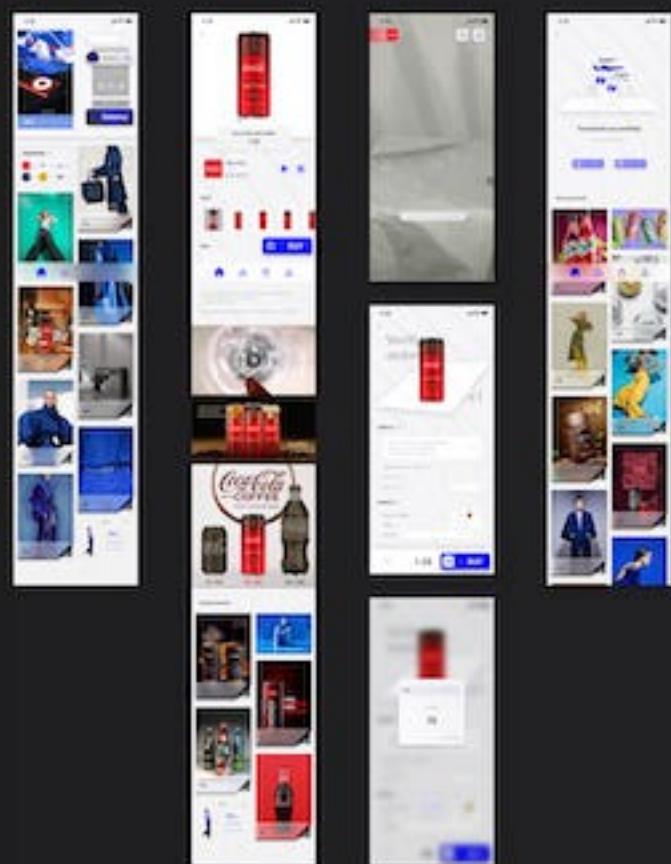
QuarkBlue is an app that uses AR technology to improve the user's shopping experience, allowing users to not only see the product in front of their eyes, but also to touch it and play with it in their hands.



Wanna see more?

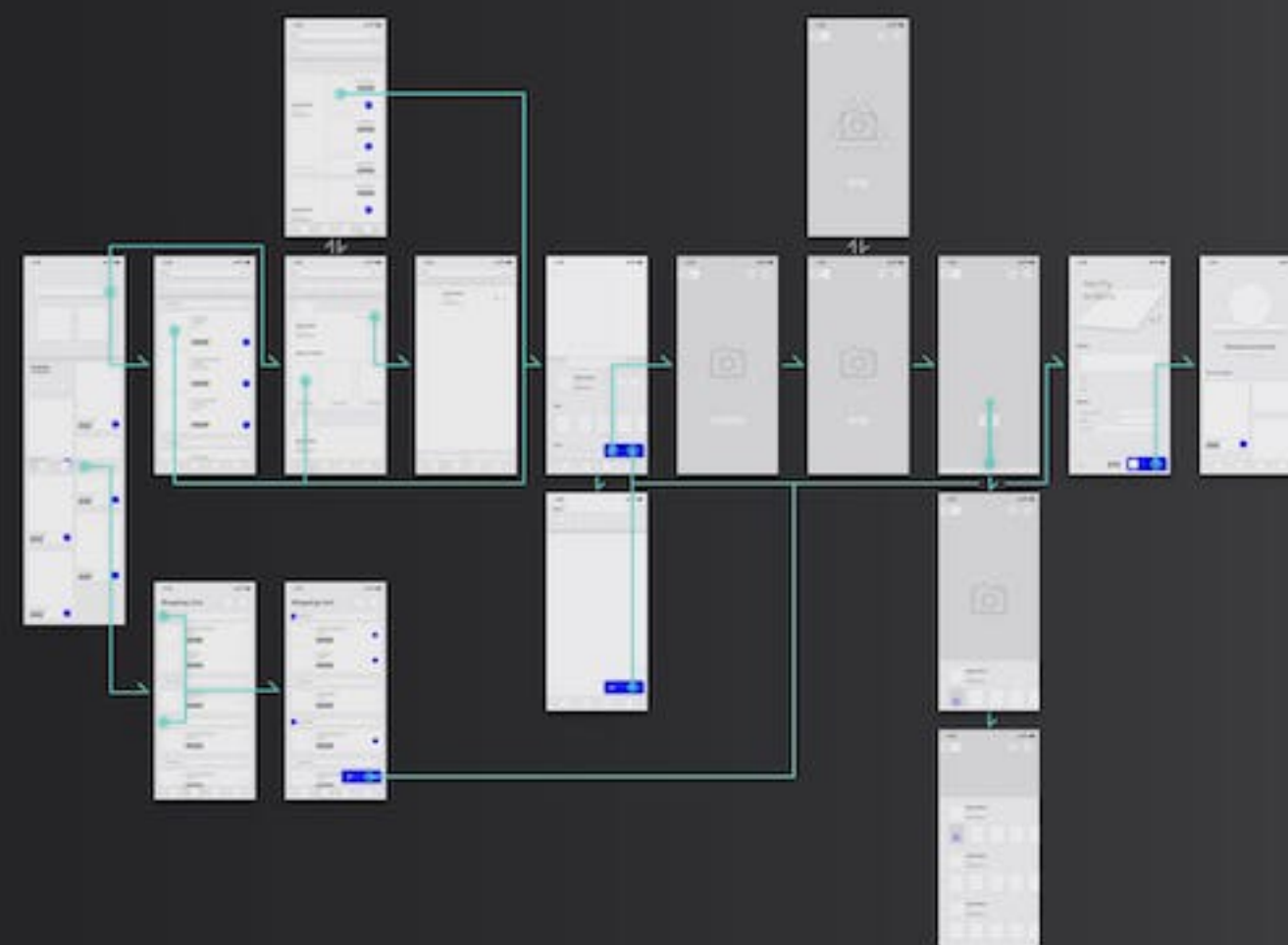


Visit my Youtube account to watch the animated content already :)



## Low-fidelity

\*Covers most processes.

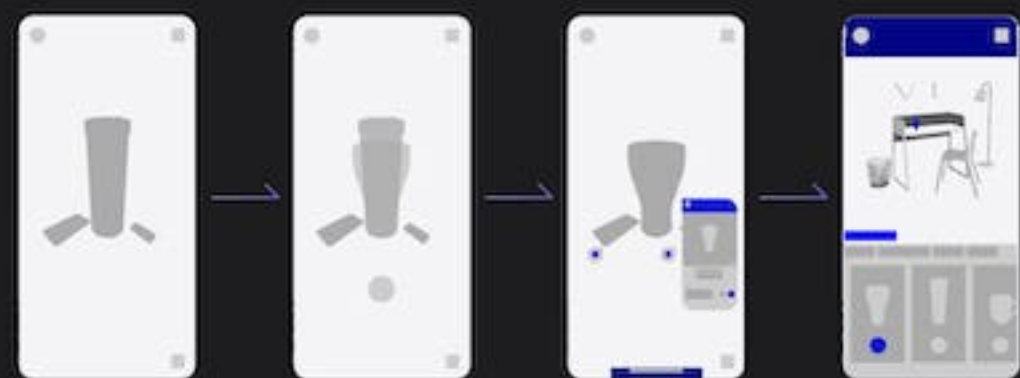


# Final product details

## Future Prospect

- After I finished the high-fidelity production, I realized that my ideas seemed to be limited by the "scan-convert-render with AR" process. If the selling point of the app is limited to a process, that process can always be attached to a shopping platform like Amazon.

The first one is called All-view conversion, which is similar to the previous AR conversion function, but the portal is not limited to the product page. Users can use it to convert plural objects at the same time, for example, convert a brand of products or match them by themselves.



The second idea is for after-sales service, called Full feedback, which allows users to scan and upload their received products to the Internet when they need to return or exchange them, making it easier to communicate between users and merchants.

Quark Blue may be able to go much further.

## Design points

- 1 Quick Bookmark button (Bookmarked/uncollected)
- 2 Frequently used functions are concentrated on the home page.



## Logo Sketches



### Three cubes

- The 3D three-dimensional shape symbolizes the use of AR technology.
- The square is because the presentation is in pixel dots.
- "3 quarks make up a proton", which means attention to detail.



### A circle with an opening

- The overall shape is the initial "Q" of QuarkBlue, which is also a simplified magnifying glass.

Finalization

Abandoned cases



Quark  
Blue

