Project 3

APP 360

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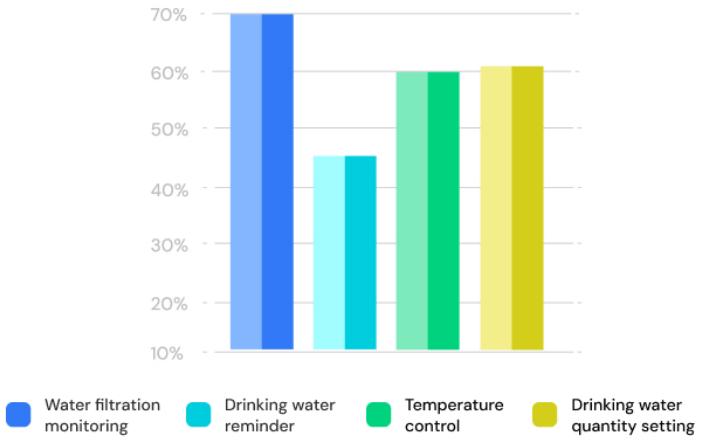
EasyDrink

Background & Inspirations

Chinese students in the UK often struggle with water quality. Many rely on water filters or bottled water, which can be inconvenient. A smart water dispenser provides the perfect solution with filtration, heating, and convenience.

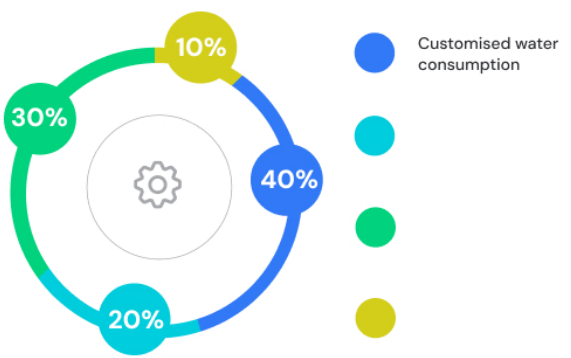
Primary research

What functions do you want to control through APP?



Question 2

What personalised functions do you want the APP to provide?



Secondary research

	Product position	User experience
Mijia	• Provide full-scene smart home solutions. • Rich device ecology and powerful linkage capability.	• Simple and clear UI design, convenient operation. • Support a variety of smart devices linkage control, enhance the smart home experience.
Midea	• Create intelligent life scenes and improve the quality of life. • Focus on smart terminal integration.	• Simple and generous UI design, continuing the brand design style. • Supports multi-device linkage control and scene mode, excellent user experience.
HUAWEI	• Provide users with smart home management and control. • Focus on smart life experience and ease of operation.	• Simple UI design, simple operation, in line with the public's habits of use. • Support custom scene mode to meet personalised needs.

Summary

Simplicity and ease of use, enhanced quality of life, balanced pricing, enhanced connectivity and customisation.

Design goal

Simple and intuitive user experience

Reduces complexity, allowing users to complete key functions with a simple click.

Real-time information and intelligent operation

Provide real-time data feedback (e.g. water quality, water level) to help users grasp the status of the water dispenser.

Health Management and Personalisation

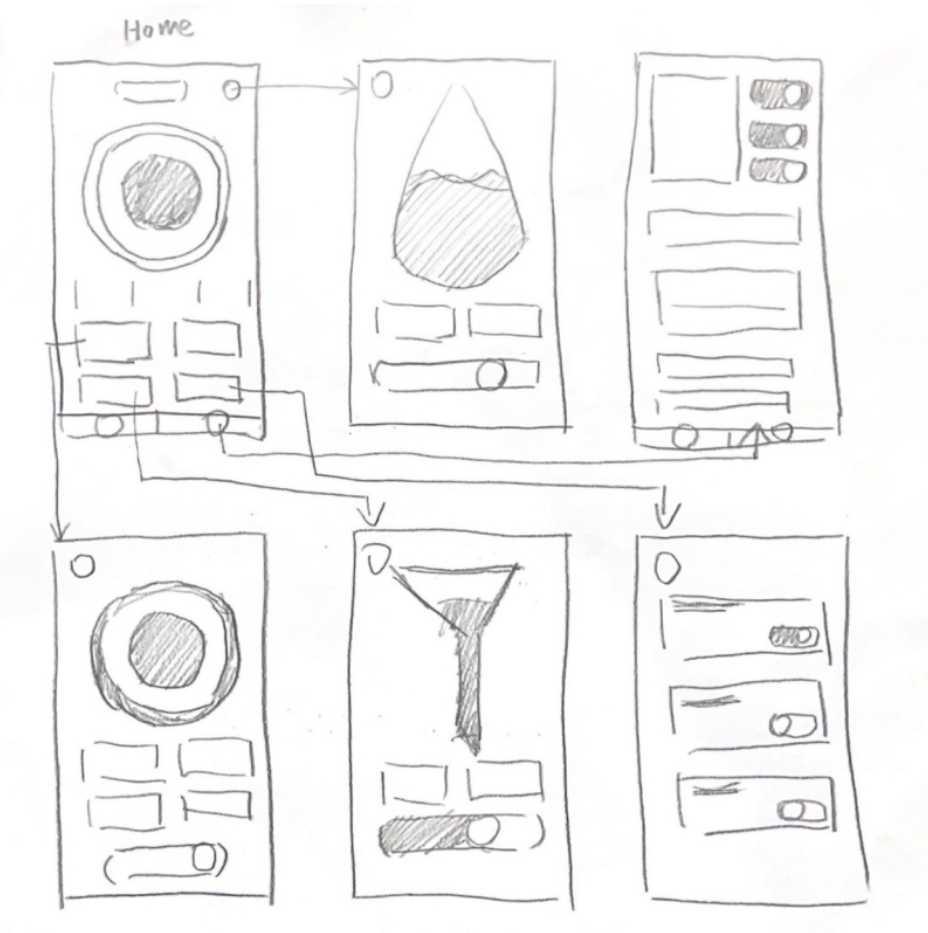
Daily water consumption monitoring and personalisation (e.g. customised water temperature, filtration strength).

Emotional Design

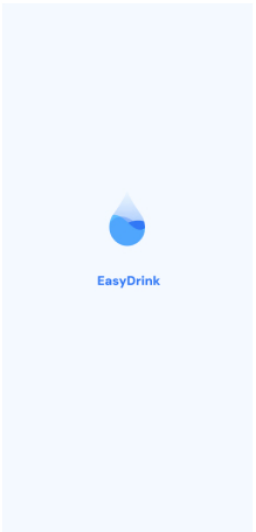
Create a comfortable visual experience, combining soft tones and simple graphics to create a friendly atmosphere.

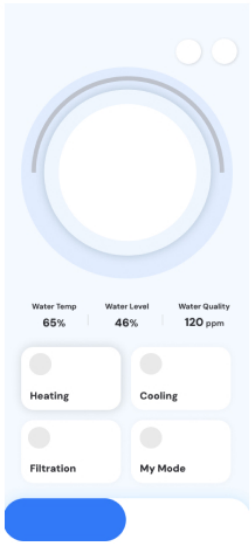
Mindmap

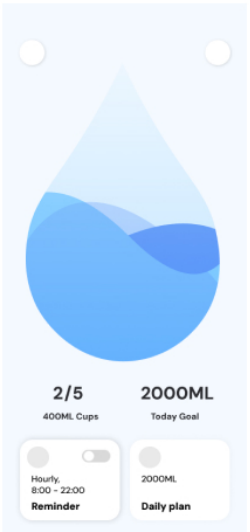
Wireframes

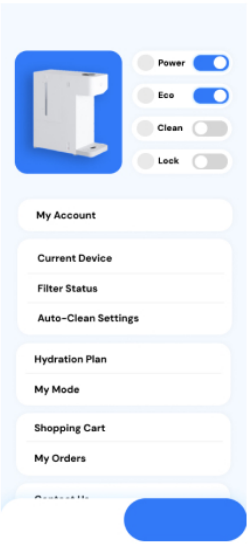


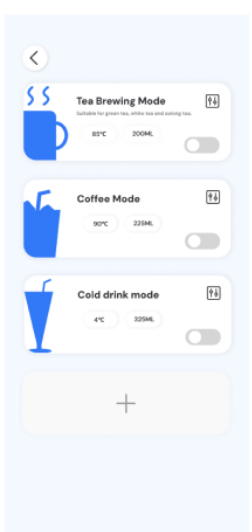
High Fidelity Prototype

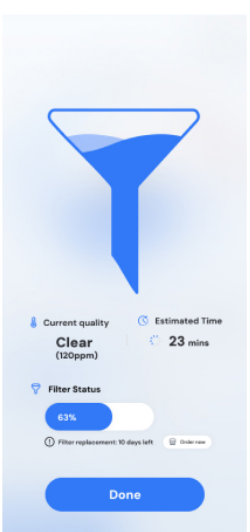


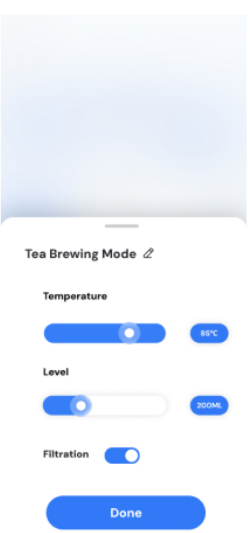








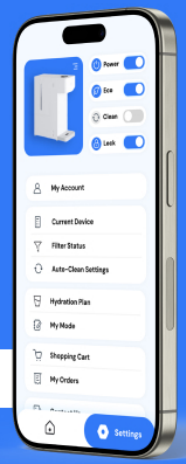




Mock-ups

Start Page

Home Page



Settings

My Hydration

Device Management

User feedback

User A

Undergraduate International Students
Age: 19

Points of satisfaction

- Clear information on the home page, simple and intuitive operation of the main functions.
- Drinking water data recording function helps to establish healthy drinking habits.

Improvement direction.

- Add colour or graphic tips next to the water filtration status.

User B

Graduate International Students
Age: 21

Points of satisfaction

- The customised modes are practical and easy to use.
- The visual design is refreshing and the overall experience of operation is smooth.

Improvement direction.

- Would like to be able to activate customised modes by voice, e.g. just say 'activate my hot water mode'.
- Add an 'early reminder' option for cartridge change reminders.

User C

Graduate International Students
Age: 22

Points of satisfaction

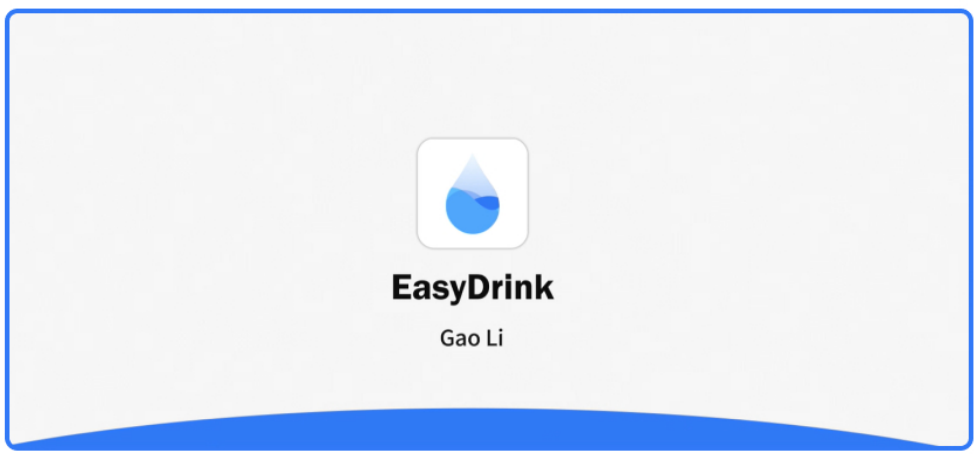
- The water quality monitoring feature is very useful
- Refreshing colour palette and overall clean and modern interface

Improvement direction.

- It would be nice to have a Chinese interface or multiple language options

Testing video

Link

Finished video

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