Smartemp

Portable smart water bottle

Design For	International student
Who Want to	You can get your own standard drinks through portable water cups on different occasions
Our	App Tamer
Is a	Focus on key data analysis of display drinks and provide customized requirements
It allow them to	Provide convenient drinking water management and equipment control, especially for the use of portable smart water cups.
Unlike	Users can be monitored and alerted in real time, and detailed real-time analysis of drinking water data is provided through sensors
Our Product Enable	Help users manage their drinking habits, but also improve user experience and health awareness through intelligent and personalized features.

Personal Details

Name: Saleh

Age: 24

Gender：Male

Resident: Australia

Nationality: Nigeria

Technology preference

Technical use

Simplicity

health awareness

Data Analysis

Lifestyle habits and preferences:

- Saleh likes to try different countries' drinks and tea culture, and he needs a smart water bottle App that can record and recommend different drink types.
- He also needed a smart water bottle that would keep him warm and remind him to drink.

Motivation and Demand:

- Salih is interested in cross-cultural communication and wants the App to offer suggestions on how to brew different drinks.
- At the same time, he also wants the App to support multiple languages so that he can use it more easily.

Personal Details

Name: Amy

Age: 20

Gender：Female

Resident: Master's degree in the UK.

Nationality: America

Technology preference

Technical use

Simplicity

health awareness

Data Analysis

Lifestyle habits and preferences:

- Amy loves sports and often participates in the school's basketball team practices and competitions.
- She needs a smart water bottle that keeps warm and provides hot water at all times to meet her drinking needs after training and competitions.

Motivation and Demand:

- Immediately after training, Amy will check the amount of water left in the cup in the App and activate the heating function as needed.
- She also keeps track of how much water she drinks and what type of drinks she drinks after each workout to assess whether she's hydrated enough.

PACT

P

Target users: international students, fitness enthusiasts, etc.

Requirements: real-time monitoring of water temperature and volume, drinking reminders, health data analysis, etc

A

Main activities: Checking water temperature and volume, setting drinking goals, receiving drinking reminders, viewing drinking statistics and health recommendations.

C

Usage scenario: school, gym, outdoor activities, etc.

T

Hardware: Built-in sensor, water temperature and quantity detection, Bluetooth connection.
Software: Smart phone App, providing data visualization, notification reminder, health analysis functions

IDEATION

Study busy and forget to drink regularly, long-term dehydration can affect health.

The smart cup can be wirelessly connected with the mobile phone to achieve real-time data transmission and synchronization.

The App is in line with this trend of healthy living by providing scientific water management.

The high-precision sensor can monitor and record the user's drinking water data in real time, including the amount of drinking water, drinking time, etc.

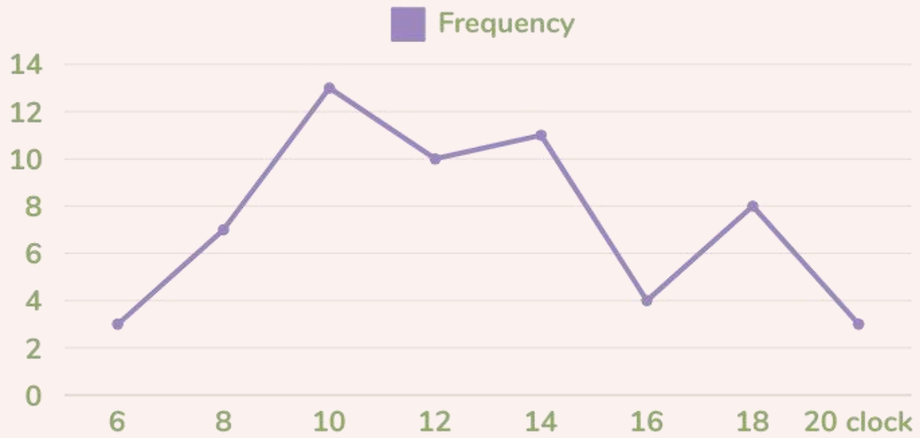
APP FUNCTION

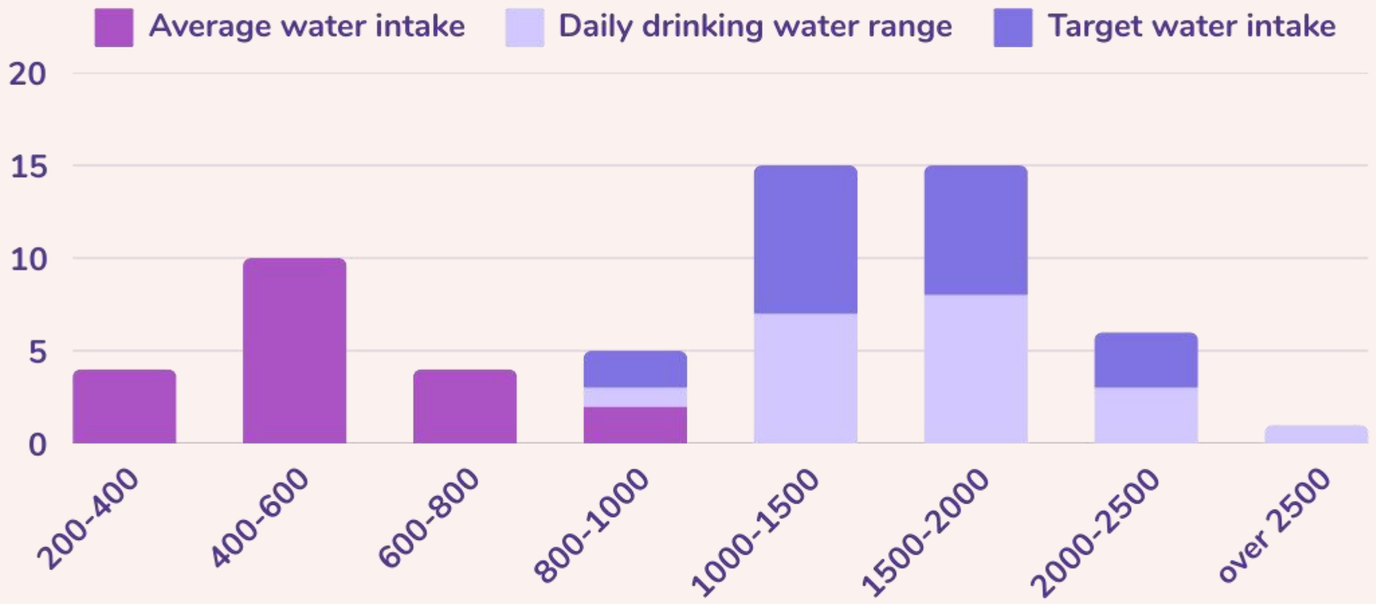
Records the user's drinking volume, drinking time and drink type.

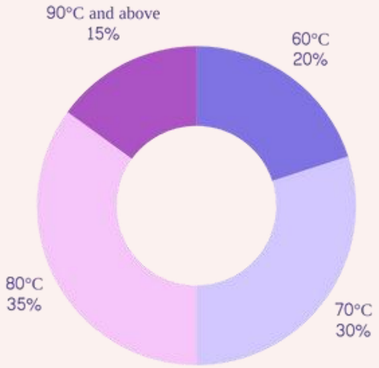
Track users' drinking data and beverage types over time, and present the results to users in an intuitive way.

Provide customized alarm, users can make their own schedule to achieve the purpose of auxiliary drinking

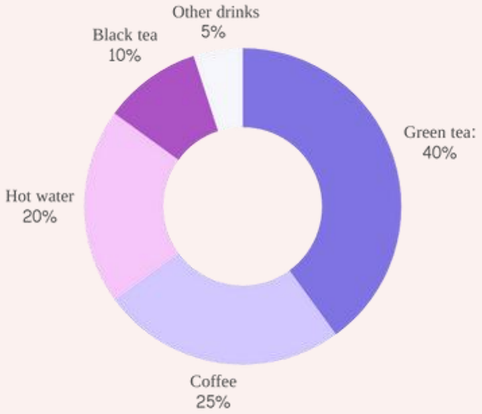
Daily usage



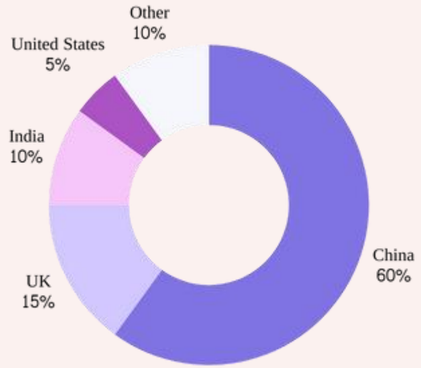




Service temperature



Common drink



User profile

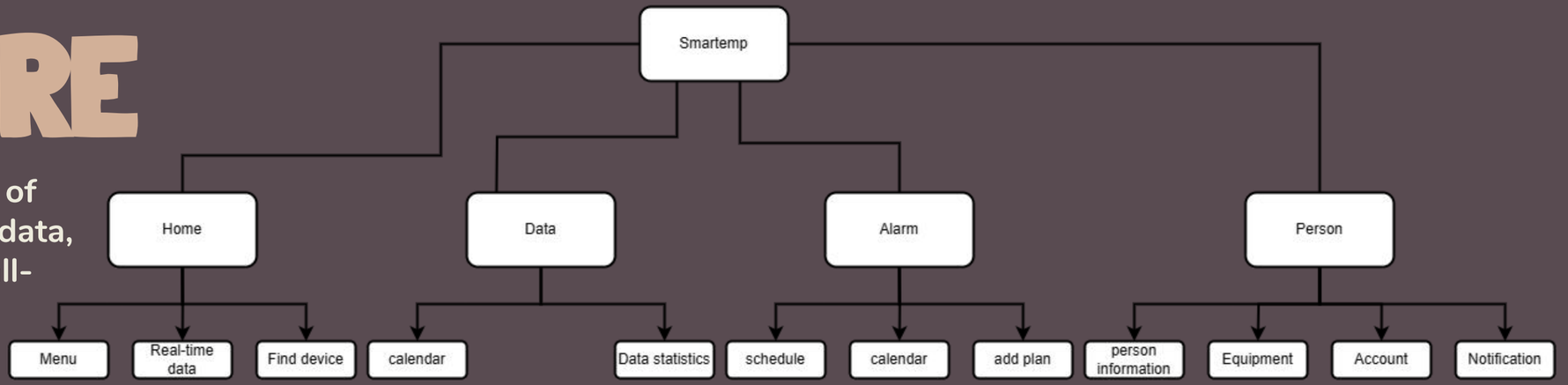
User research

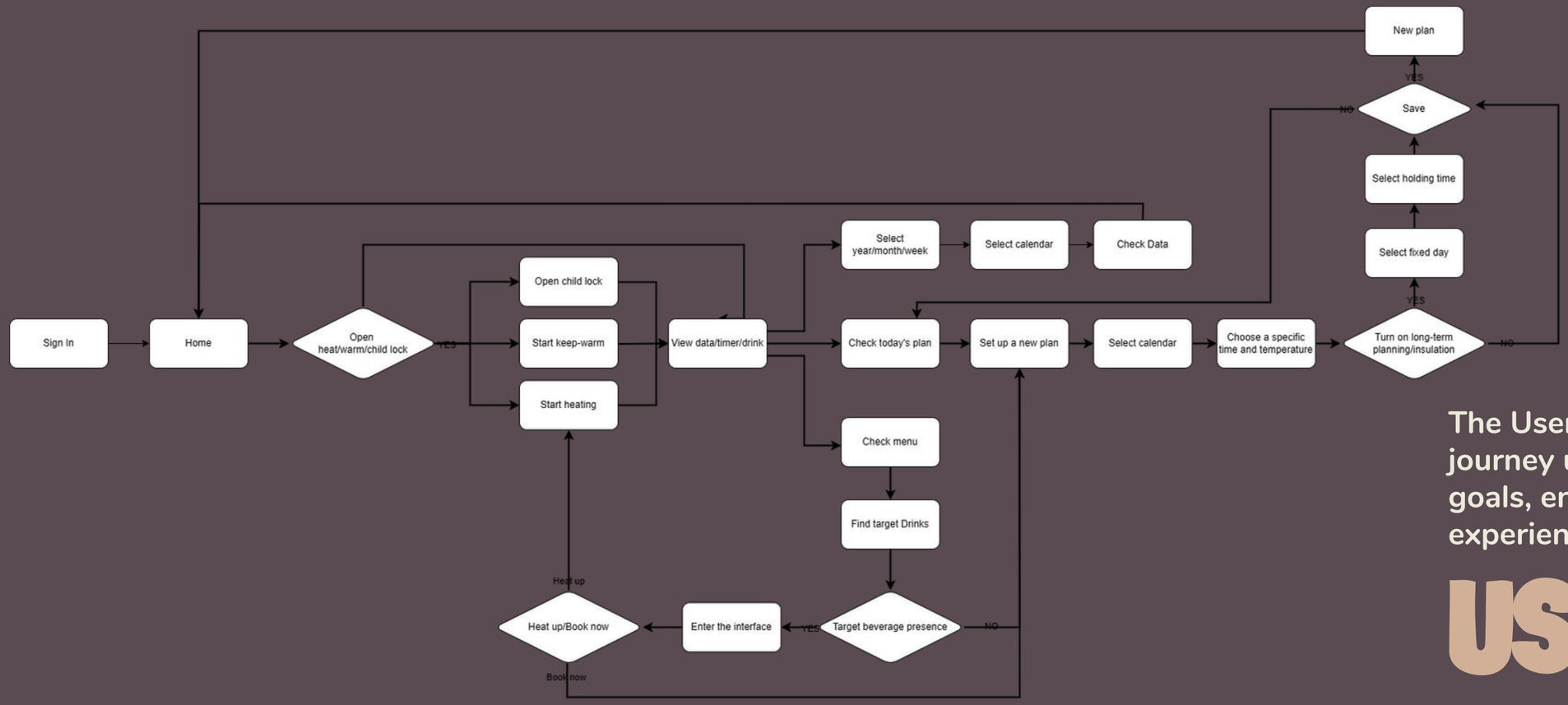
International students have a **high frequency** of use of portable water cups, good drinking habits, and are satisfied with the product features, especially the thermal **insulation function**. Portable cups not only perform well in meeting users' needs for healthy drinking water.

80℃ | Green Tea | 2500 ml

APP STRUTURE

The App structure covers many functions of the navigation bar, including home page, data, timer, personal Settings, etc., to achieve all-round management.



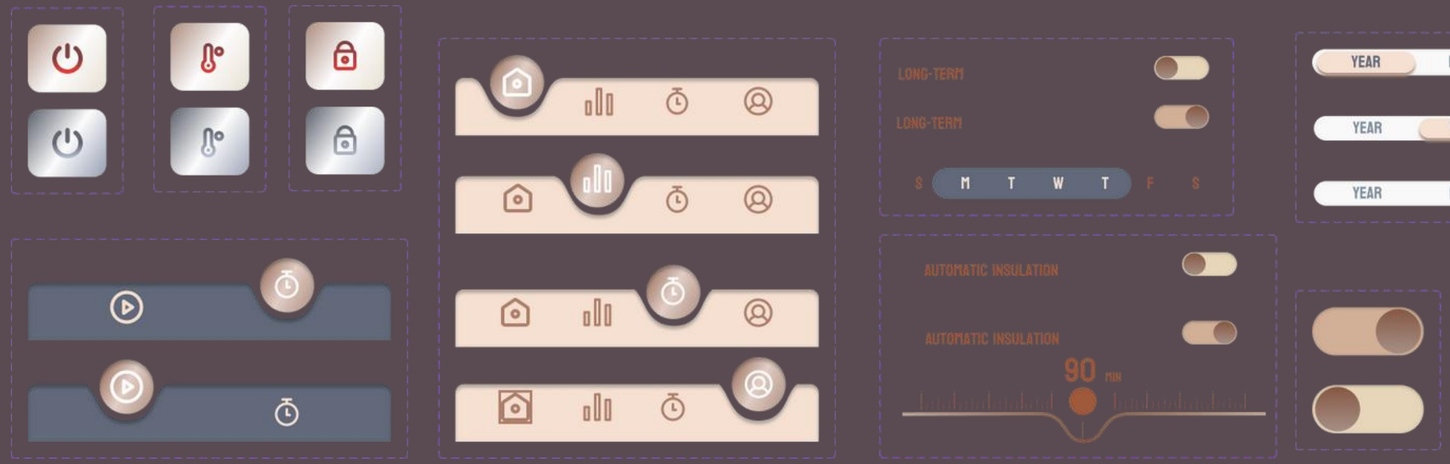


The User Flow illustrates the seamless journey users take to achieve their goals, ensuring an intuitive and efficient experience.

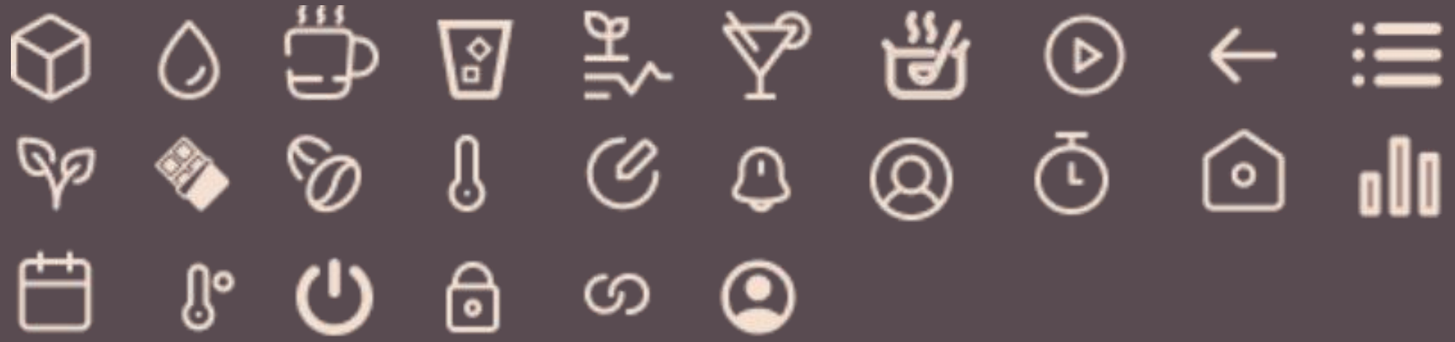
USER FLOW

Prototype

Color Palette



Icon & UI Design



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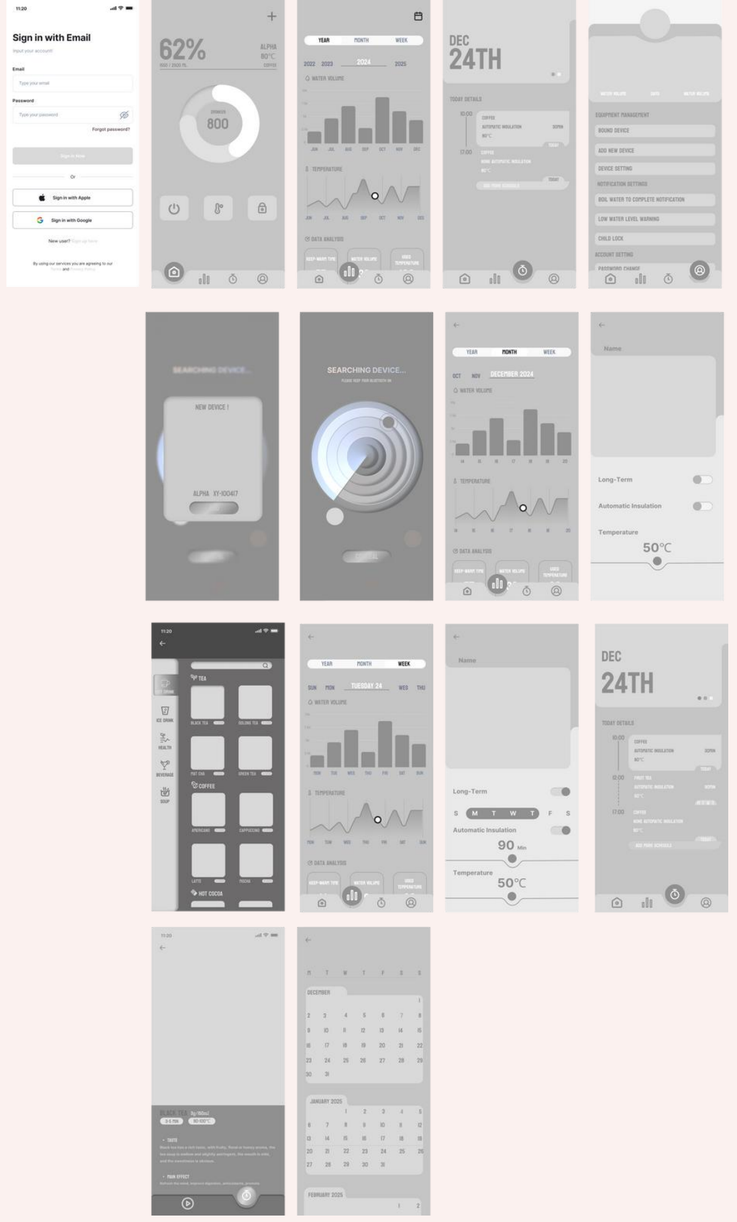
Low-fidelity



Low-fidelity wireframes include the design of the home page, data analysis, schedule and appointment, drink details and personal Settings interface

User Iteration

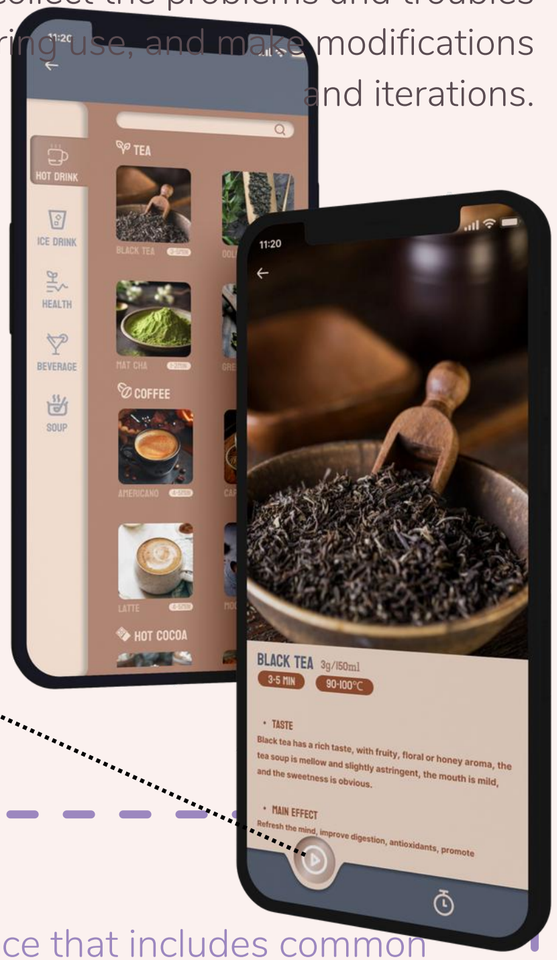
In user iteration, I collect the problems and troubles raised by users during use, and make modifications and iterations.

Q1 I need some common drinks to finish the cooking quickly, preferably with some details.

Q2 There are too many dates on the data analysis page, there is no quick way to choose.

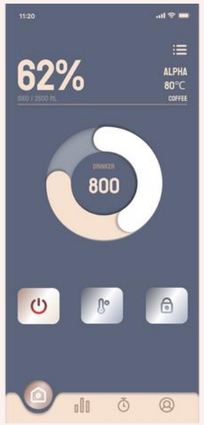
Q3 What if I want to book an appointment for another date? I didn't find this feature.

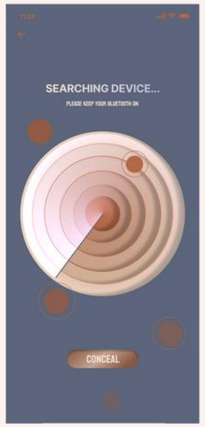
1. Added the calendar function to the app. You can enter and select the time from the data analysis and reservation interface through Icon.

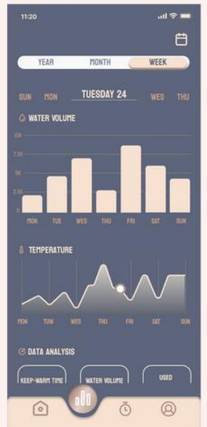


2. Add a menu interface that includes common drinks.
3. Quickly brew menu drinks and include drink details.

High-fidelity







[The link for speculative scenario.]

[The link for Testing]