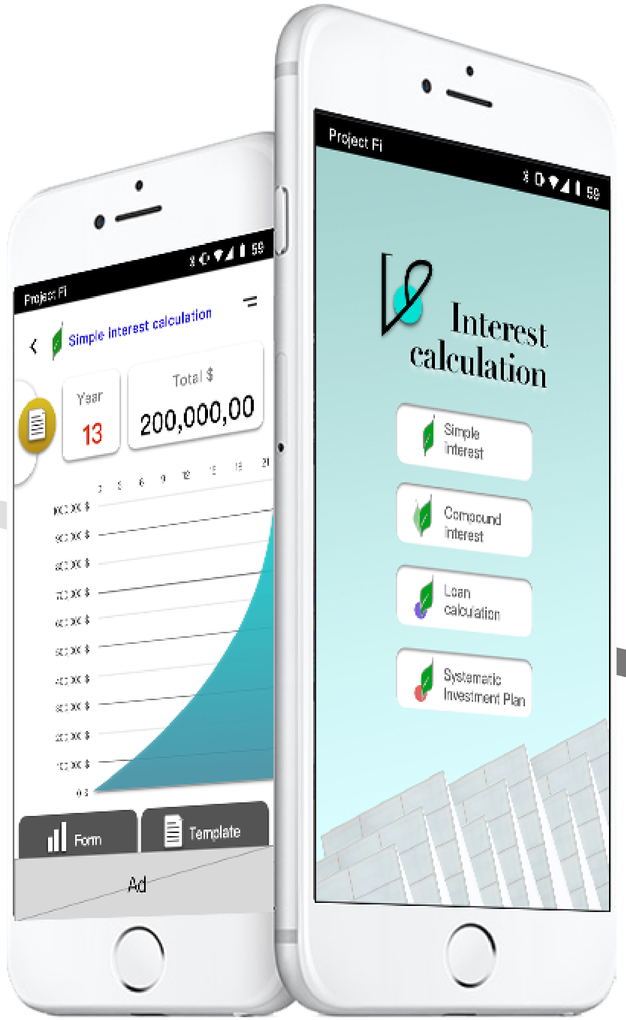
Interest calculation

The interest calculation is a personally developed application released in 2019. I am participating in the design of the interface revision in 2020. This application can help you calculate a single interest rate, compound interest rate, annuity, fixed amount, car loan, all loans, and interest income in the following situations.

I set 2 goals for the UI revision. First of all, I want to improve the user experience through the user interface. We found several problems from the data analysis. Second, I hope to add an aesthetic to the app and create a relaxed atmosphere when people using it. I believe that in addition to focusing on clearly using the functions of the application, visual enjoyment can also enhance their user experience.

In the end, as far as the developer team is concerned, we hope to use this revision to gain more users and create more revenue.



Designer : HO, TING-YING

| Define Problems

This interest calculator has four main functions. Except for loan calculation, the average click rate of other function buttons is lower than 50%.

1

The functional interface is not clear enough.

Feature button click rate is low.

I speculate the fact that these functions are in the sidebar of the interface that the users cannot find easily. Therefore, I decided to redesign all the interface layout and the entire function process to achieve guidance for the user to complete the experience.

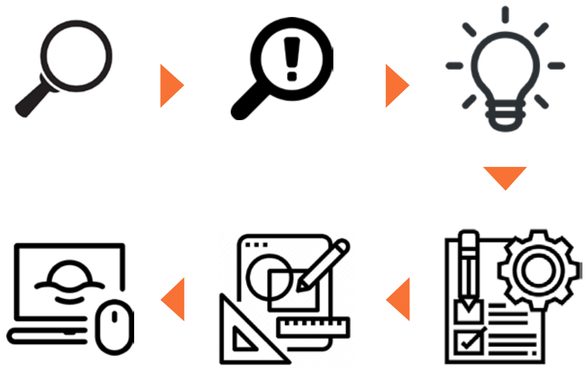
2

Elderly users

Functional button UI unclear

Regarding users interview, I learned that the bottom of the interface, font size, and pre-sentation method needs to be improved. Because it will cause middle-aged users to be unable to read and recognize clearly.

USER INTERFACE DESIGN PROCESS



| UI flow / Functional map

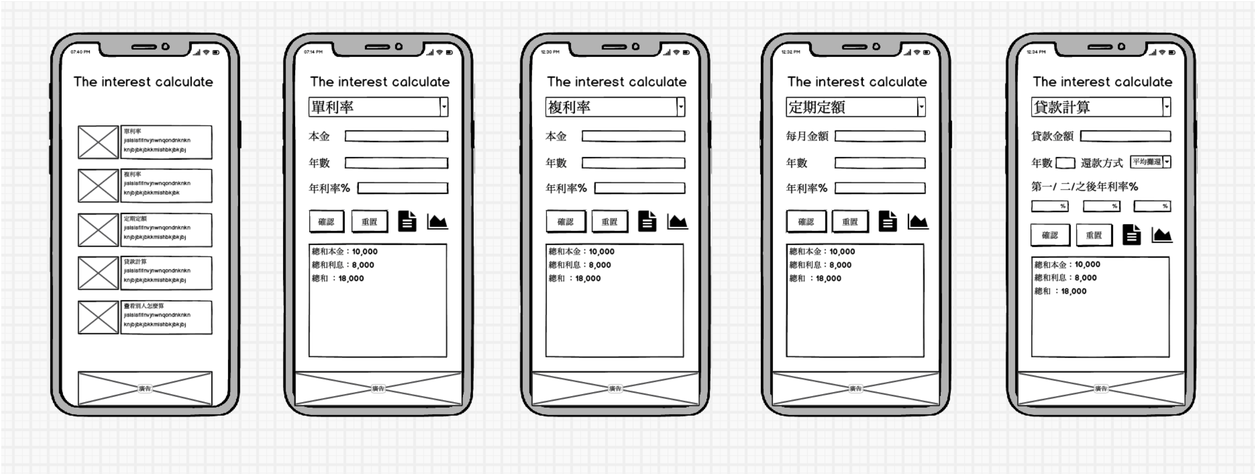
UI flow

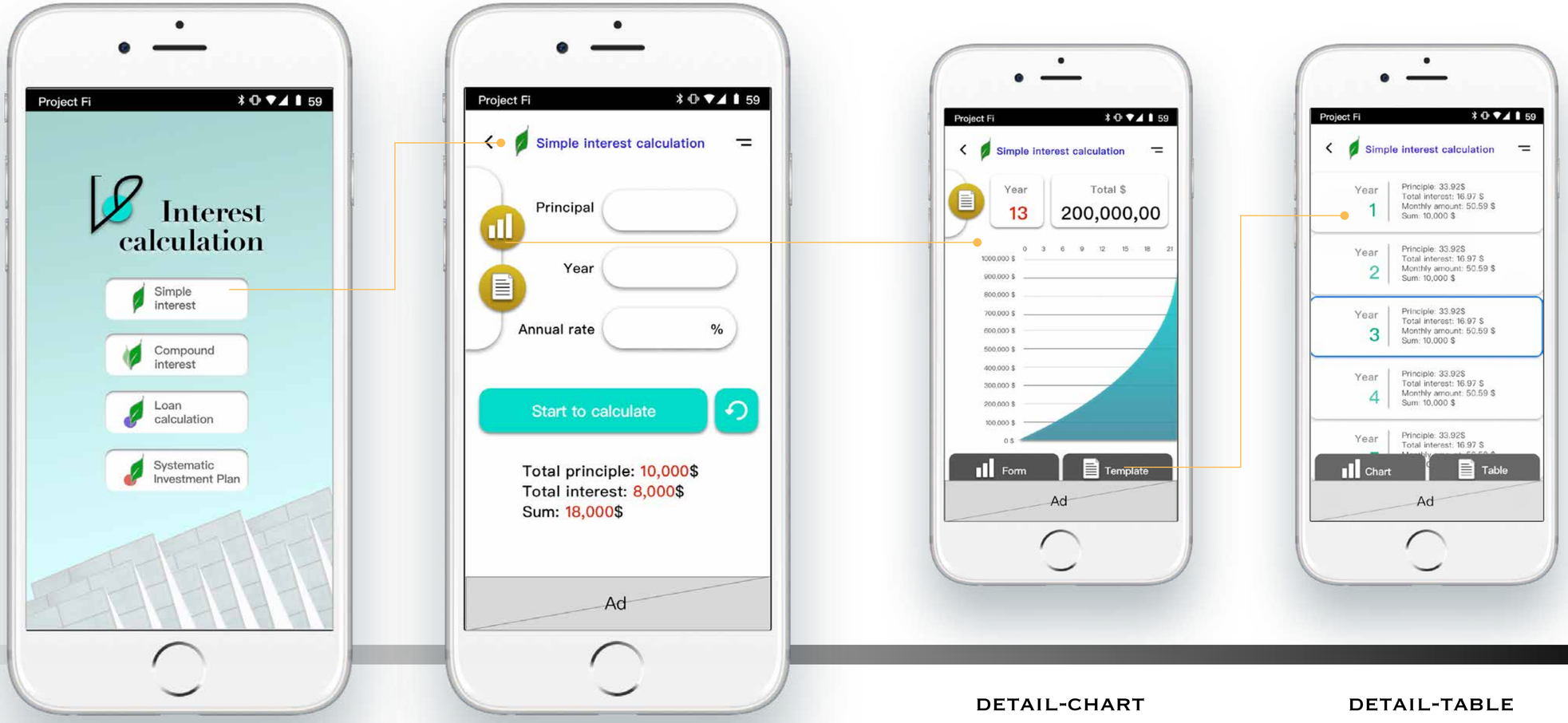
- 1.0 列表模式（側邊收納欄）
  - 1.1 依照計算類型
    - 1.1-1 單利率 Simple Interest
    - 1.1-2 複利率 Compound Interest
    - 1.1-3 定期定額 Systematic Investment Plan (SIP)
    - 1.1-4 貸款計算 Loan calculation
    - 1.1-5 查看別人的計算數據 Check the data from others
- 2.0 圖示分類 icon
  - 2.1 圖表 chart
  - 2.2 表格 form

Functional map

- 計算功能 Calculate Function
  - 單利率 Simple Interest
  - 複利率 Compound Interest
  - 定期定額 Systematic Investment Plan (SIP)
  - 貸款計算 Loan calculation
  - 查看別人的計算數據 Check the data from others
- 計算結果 Information
  - 圖表 chart
  - 表格 form
  - 文字 Text

| Wireframe





HOME

CALCULATOR

DETAIL-CHART

DETAIL-TABLE

COLOR PALETTE

PRIMARY COLORE CHOICE

#00dcc8 #545454 #169101 #2400dc #b38b00

SECONDARY COLORE CHOICE

#dc1900 #00a57a #000000 #787878 #ffffff

FONTS

ABCDEFG
abcdefg
012345678

Title 30sp
Button 20sp
Caption 16sp

TEXT FIELDS

Principal 10,000
Year 20
Anual rate 1.3 %

Default
Pressed
Disable

ICONS

Logo

Interest calculation

Item icons

Simple interest
Loan calculation
Compound interest
Systematic Investment Plan

Navigation bar

Simple interest calculation
Compound interest calculation

BUTTONS

	icon+text		icon+text	
Default	Simple interest	Start to calculate	Chart	Table
Pressed	Simple interest	Start to calculate	Chart	Table
Disable	Simple interest	Start to calculate	Chart	Table