



Interactive Medium-Fi Prototype

Team 03

Team Member



Jerry Hsu



Ryan Chen



Wilson Dai



Value Proposition, Problem and Solution Overview

> Value Proposition

To create a more convenient and directly purchase platform

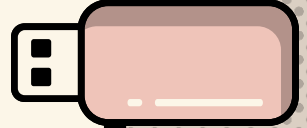
> Problem and Solution Overview

- Web crawler collecting data from other platforms
- Integrating existing price analysis tool
- Name-based User verification



01

Revised Interface



Revised Interface Design

- **Major Design Changes**
 - Visualized preference selection page
 - Explanation of UI informations
 - Inputtable price range and refine

Major Design Changes - 1

- Visualized preference selection page

Added Popular options category

Added images with each tag

Add scrollable interaction

> User experience enhance

Select your own tag!!!

Trainer

A
B
C
D

E
F
G
H

I
J
K
L

M
N
O
P

Pokemon

Q
R
S
T

U
V
W
X

Y
Z
AB
AC

AD
AE
AF
AG

AH
AI

Skip
OK



搜尋其他角色

選擇一些喜歡的類別
請挑選至少三個，以讓我們建立您的個人化推薦

> 熱門選項

伊布系列
151系列
草系御三家
火系御三家

> 寶可夢

皮卡丘
拉帝歐斯
噴火龍
魔幻假面喵

> 訓練家

竹蘭
N
奇樹
赤紅

Skip
OK

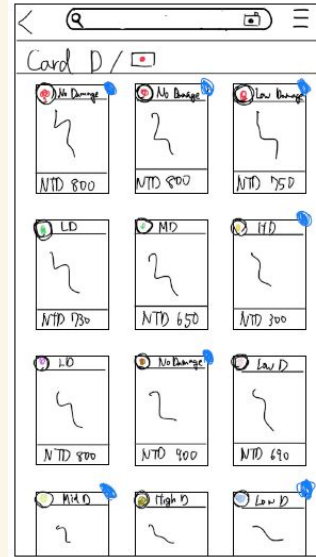
Major Design Changes - 2

- **Explanation of UI informations**

Added figure explanations

Rearrange the symbols

> Tutorial for understanding



Major Design Changes - 3

- **Inputtable price range and refine**

Able to set the price range
by input or slide bar

Make shippable button more
obvious

> User experience enhance

A hand-drawn wireframe of a search filter interface. It includes a search bar at the top, followed by language selection (language icon, Japanese, English), rarity selection (SAR, AR, UR, SR, RR), a price range slider (NTD 100 ~ 2000), a '可集運' (Shippable) button, a platform selection (平台) button, and a credit rating selection (信用度) button. The '可集運' button is highlighted with a blue arrow pointing towards the final design on the right.

The final polished design of the search filter interface. It features a clean, modern layout with a search bar at the top. Below the search bar are sections for language selection (language icon, Japanese, English), rarity selection (SAR, AR, UR, SR, RR), a price range slider (最低價格 ~ 最高價格), a prominent '可集運' (Shippable) button, a platform selection (平台) button, and a credit rating selection (信用度) button. The '可集運' button is highlighted with a blue arrow pointing towards the final design on the right. The interface is designed to be user-friendly and easy to navigate.

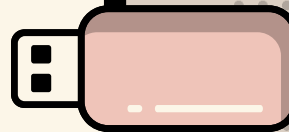
02

UI Task Flow



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Task Overview

Simple Task

Preference setting

Medium Task

Check a card's price history & Setting price alert

Complex Task

Searching an Chinese UR Pikachu from shopee & Ruten with seller rated 4-5 stars



Simple Task

- Set up preference tag

1. Select some card tag

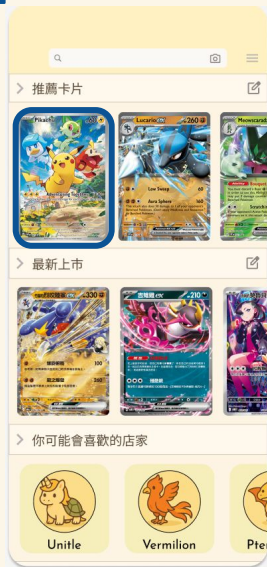
2. Click 'OK'



Medium Task

- Check a card's price history, set price alert

1.



2.



3.



4.



Complex Task

- Searching for a Chinese SAR Pikachu from Shopee seller with 4-5 star review

1. 

2. 

3. 

4. 

5. 

6. 

Methods

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>>>>>

- **Role Play**

- Facilitator: Jerry
- Computer: Wilson
- Observer: Ryan

- **Tester**

- Randomly ask TCG players in the store





# Prototype Overview

- [Prototype link](#)
- [README link](#)



# **Prototyping Tools**

- **How did the tool helped**
  - **Easier format arrangement**
  - **Prototype functions for exhibiting**
  - **Co-working experience is good**





# Prototyping Tools

- **How did the tool did not help**
  - Word input function for prototype
  - Unable to AI generating components
  - Loading time of images regardless net speed
  - Lack of more use with variables

# Prototyping Overview

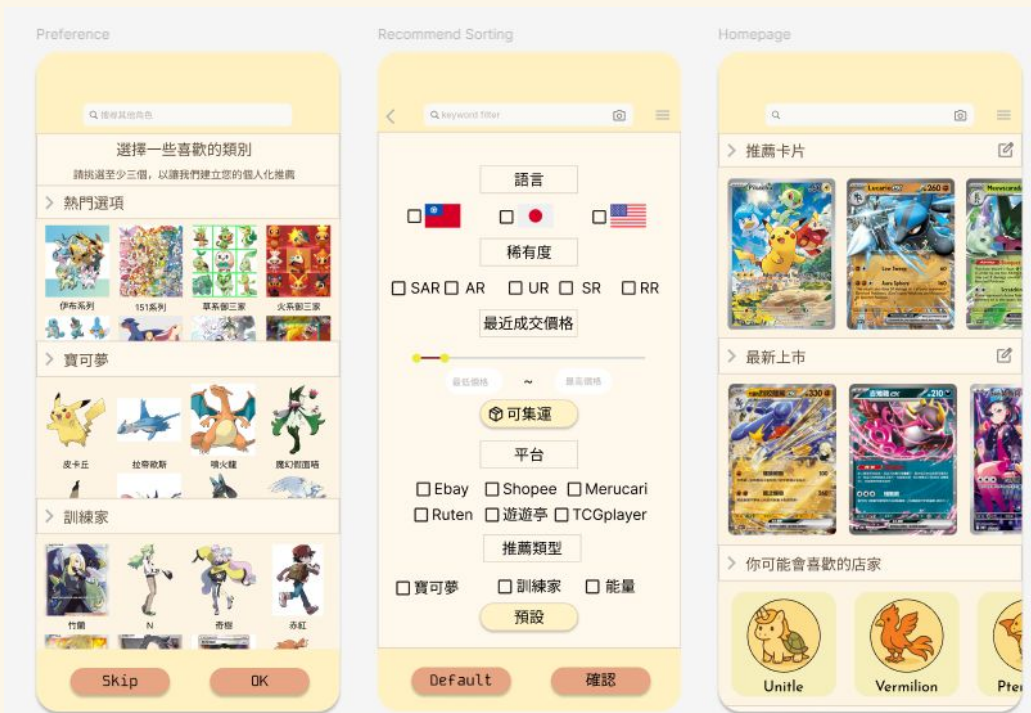
- **Limitations/tradeoffs of the current prototype**
  - Apply of sorting functions
  - Sidebar functions aren't complete
  - The tags of different cards
  - Didn't create every single card's corresponding store
  - Image searching function



# Prototyping Overview

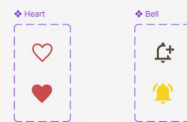
- **Hard-coded features and why required**
  - Card informations and images
  - Card price of current market
  - Result of searching

# Prototype screenshots





# Prototype screenshots



前往賣場

價格資訊

Search Sorting

語言

☐ 台灣 ☐ 日本 ☐ 美國

稀有度

☐ SAR ☐ AR ☐ UR ☐ SR ☐ RR

最近成交價格

可集運

平台

☐ Ebay ☐ Shopee ☐ Merucari  
☐ Ruten ☐ 遊遊亭 ☐ TCGplayer

信用度

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Default Go!

Seller card store

Searching Result

搜尋結果

Price Info

價格資訊

皮卡丘 ex

UR 太陽慶典 ex

可愛 動畫

gvba 236/157

顯示資料：近一個月

平均價格 \$890 +30%

設定價格提醒

最近交易

| 日期         | 平台      | 價格     |
|------------|---------|--------|
| 2025/04/09 | Ebay    | \$1100 |
| 2025/04/03 | Ebay    | \$950  |
| 2025/03/28 | Mercali | \$1000 |
| 2025/03/20 | Ruten   | \$800  |

設定提醒區間

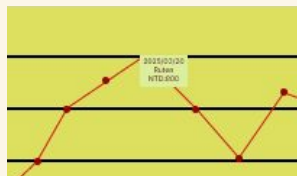
\$1000 ~ \$1500

取消 完成

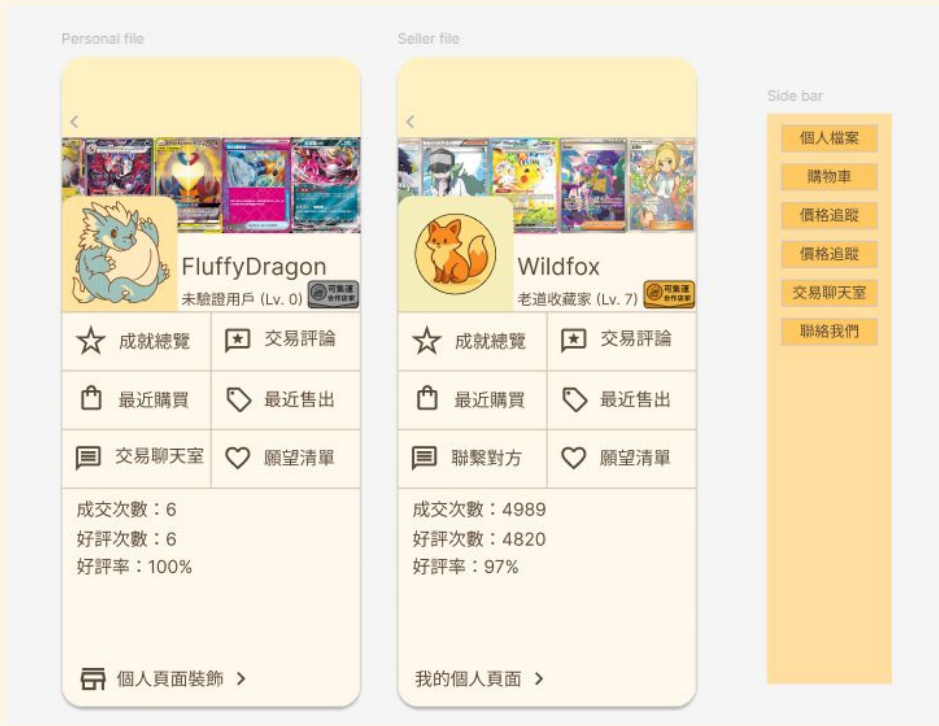
最近交易

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# Prototype screenshots

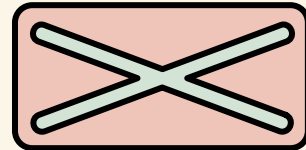
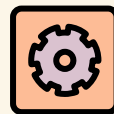
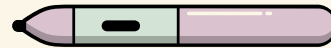
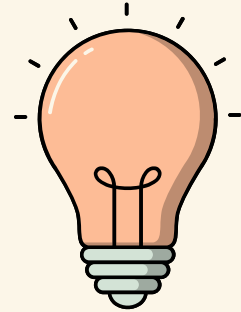
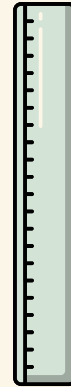
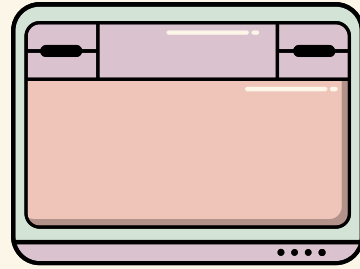


# Prototype screenshots



# How AI assists us

- Generating some icon and store profile picture.
- Use AI to teach me figma
- Assist in writing README
- Via: ChatGPT-4o







**Thanks!**