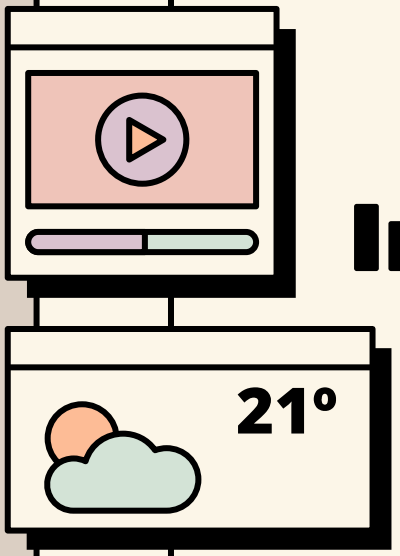
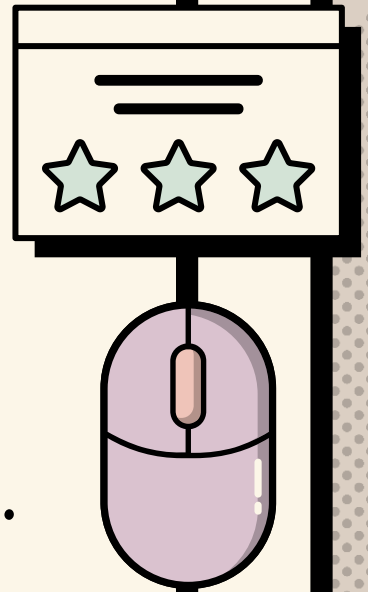
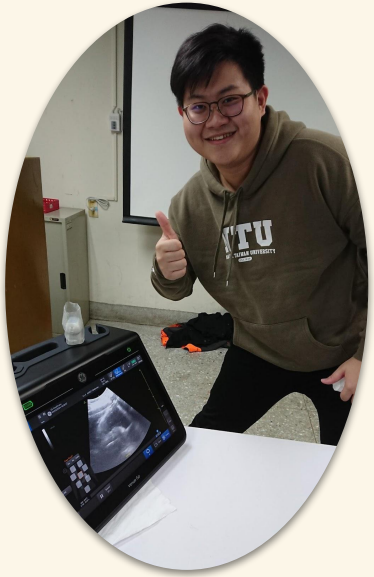
Interactive Medium-Fi Prototype

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

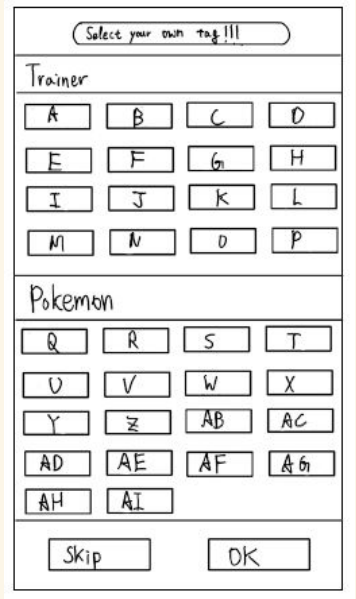
- **Visualized preference selection page**

  Added Popular options category

  Added images with each tag

  Add scrollable interaction

  > User experience enhance



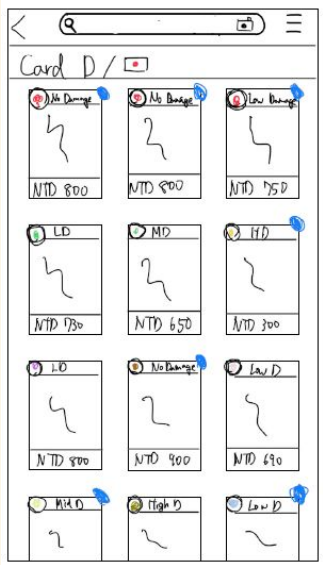
Major Design Changes - 2

- **Explanation of UI informations**

  Added figure explanations

  Rearrange the symbols

  > Tutorial for understanding



Major Design Changes - 3

- **Inputtable price range and refine**

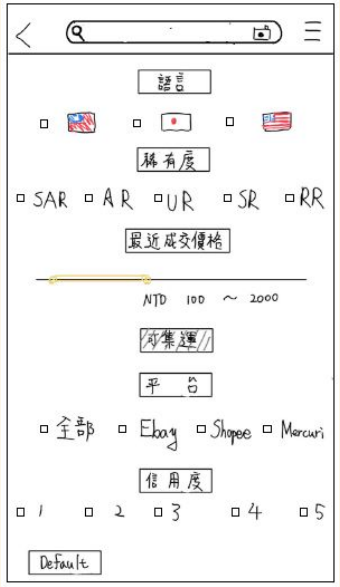
  Able to set the price range

  by input or slide bar

  Make shippable button more

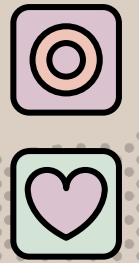
  obvious

  > User experience enhance



02

UI Task Flow



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.

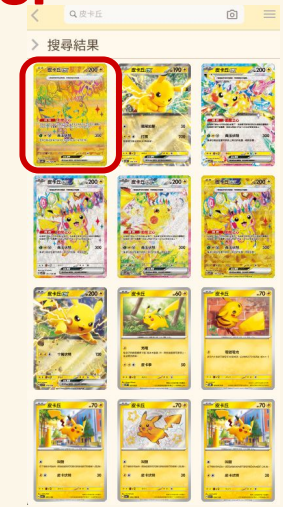
Complex Task

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

1.

2.

3.



4.

5.

6.

Methods

- **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

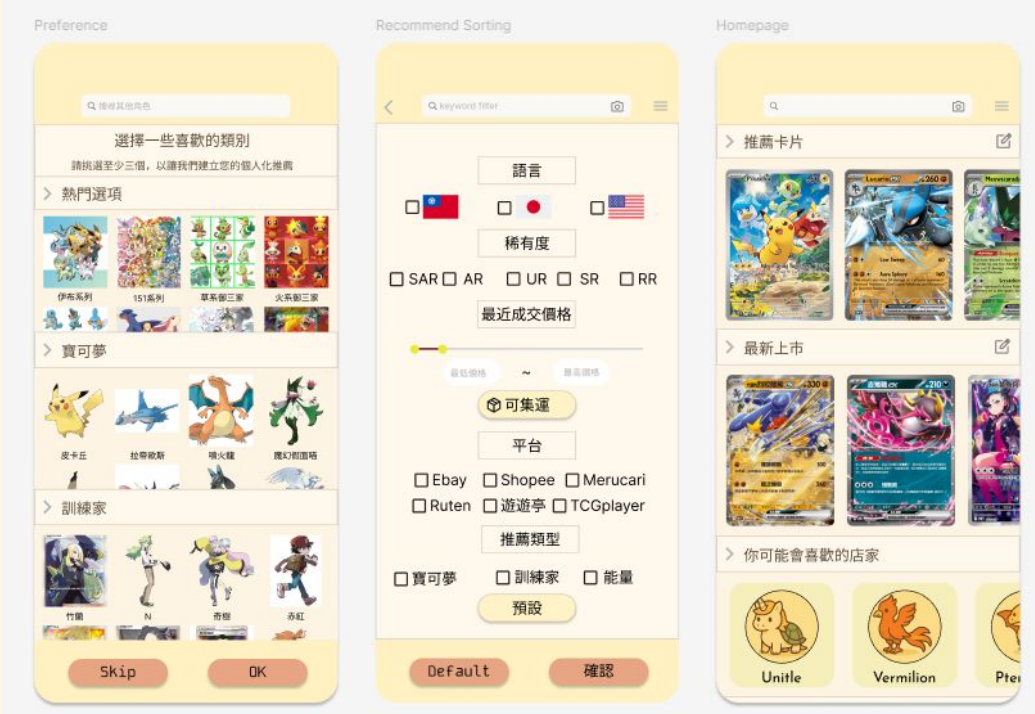
Prototyping Overview

- 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



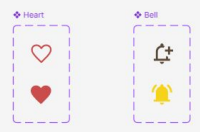
Prototype screenshots

Search Sorting

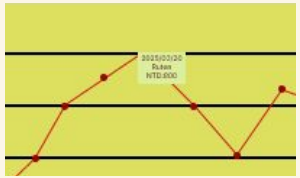
Seller card store

Searching Result

Price Info



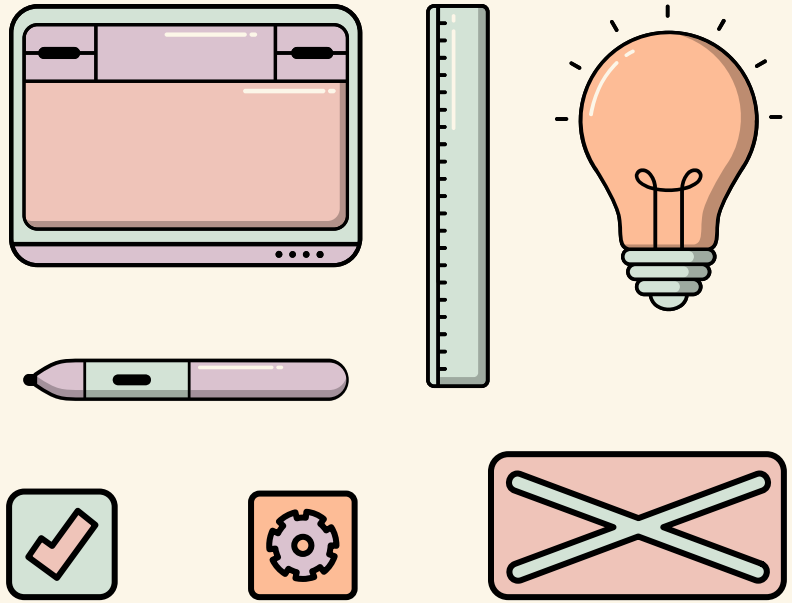
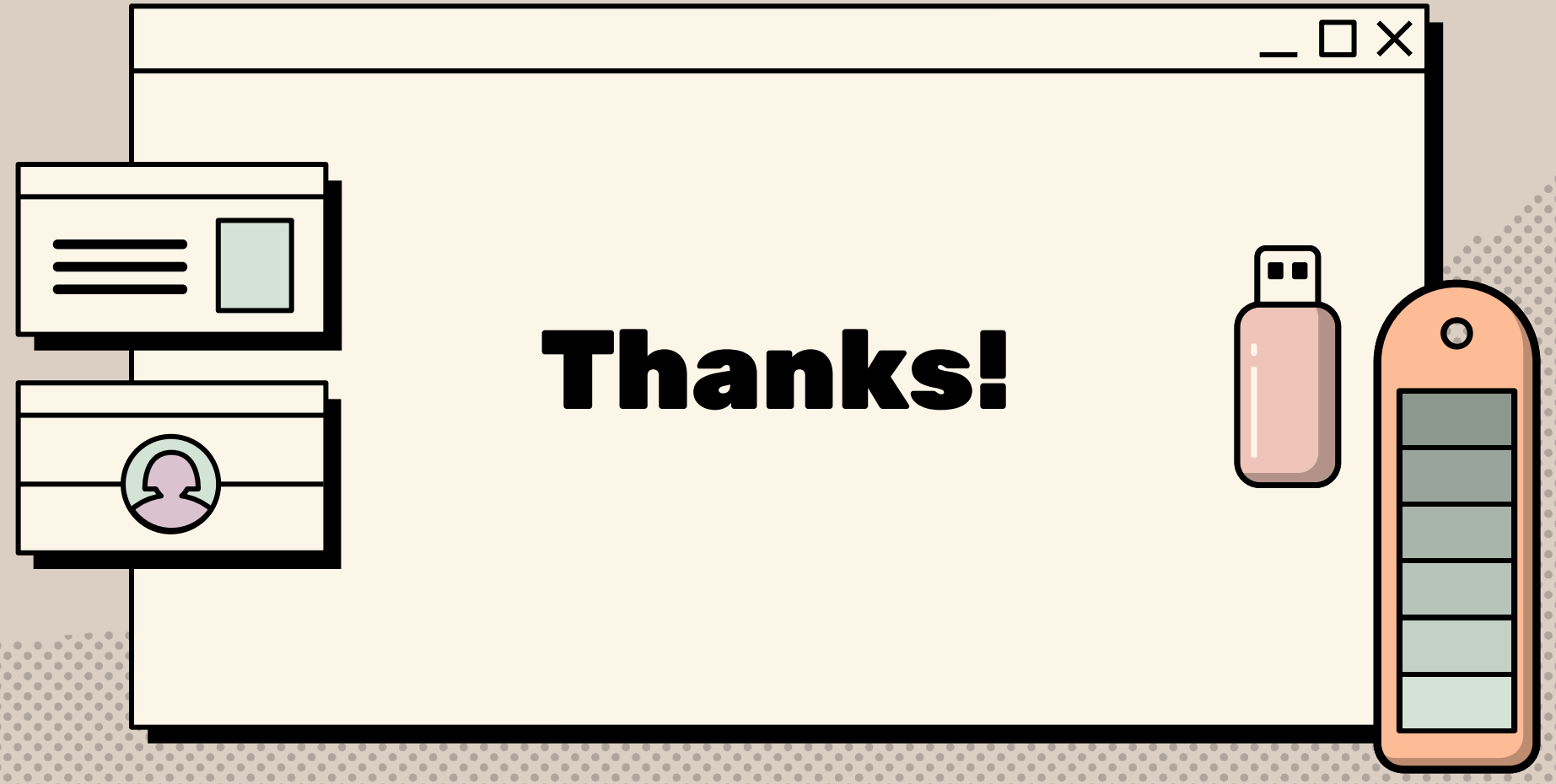
Prototype screenshots



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!