穿搭我最棒
I am the fashion leader

Team 1

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Introduction

Motivation:

由於網路購物不能試穿的關係，我們總是猶豫許久要不要買新衣服，就算想嘗試搭配不同風格卻不確定新衣適不適合自己，常常買了新衣後因為不適合自己而陳年擺在櫃子裡。為了解決在網路上挑選衣服的缺點，因此我們想創造一個不需要到實體店面也能找到合身又適合自己衣服的虛擬試穿平台。

Because we can’t try on clothes online shopping, or you might hesitate to buy new clothes. Even if you want to try and match different styles but are not sure whether the new clothes are suitable for you. Maybe you are like us, we often buy new clothes and in the end put them in the cabinet because they don’t suit ourselves. Therefore, in order to solve the shortcomings of shopping clothes online,we want to create a virtual try-on platform where you can find clothes that fit and suit you without having to go to a physical store.

Objectives:

減少上網買衣服煩惱的時間，增加機率可以找到自己合適及喜歡的衣服。

Reduce the time you have to worry about buying clothes online, and increase the chances of finding suitable and favorite clothes for you.

Functions:

將服飾網站的衣服匯入程式中建立模組，以及搭配相機將使用者的身形一同設計，使虛擬人物穿上衣服後跟使用者本身不會有太大的差異。利用留言的機制來搜集顧客的感想、喜好，統整資料用大數據分析、預測潮流。

Import the clothes from the apparel website into the program to create a module, then use the camera to build the user’s body shape module. There will not be much difference between the avatar and the user in reality after putting on the clothes. Use the message mechanism to collect the user's feelings and preferences, integrate the data and use big data to analyze and predict trends.

Benefits:

1. 讓使用者能隨時隨地有效縮短時間穿搭。

2. 減少網路上購買衣服不合適等疑慮。

3. 集合眾人意見穿出自己想要的風格。

1.Allow users to effectively shorten the time to wear anytime and anywhere.
2.Reduce doubts about the appropriateness of clothes purchased on the Internet.
3.Collect opinions from everyone and wear the style they want.

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Event Table

Item	Event name	Trigger	Source	Activity	Response	Destination
1	Register as a member	Register	Customers	Pop in personal information	Be a member >> success msg	Customers
2	Login our website	Login	Members	show login information	Result conformed	Members
3	Choose member's plan	Register	Members	Subscription plan	Result conformed	Members
4	3D model	Create 3D model	Members	Choose size	Result conformed	Members
5	Update user's body shape information	Modify	VIP Members	Change size	Result conformed	VIP Members
6	Search for products	Search	The clothes database	Search product	Product page	Members
7	Choose what user want to buy	Check out	The clothes database	The clothes' detail	Show the clothes' detail	Members
8	Add the clothes in shopping car	Add	Members	Choose products	Add success >> sucess msg	Members
9	Try the clothes on 3D model	Try	Members	Choose the clothes apply on 3D model	Show the outfit of the model	Members
10	Send the order	Send	Members	Choose the way of shipping	Send success >> success msg	Members
11	Payment	Pay	Members	Choose the way to pay	Purchase success>> success msg	Members
12	Bonus points	Get	VIP Members	Accumulate bonus points	Show bonus points in this order & show total bonus	VIP Members

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					points	
13	Share experience on new clothes	Share	Members	Upload the new clothes and outfit	Upload success>> success msg	Members & customers
14	Discuss with others	Discuss	Members	Upload the comment	Show your comment on message board function	Members

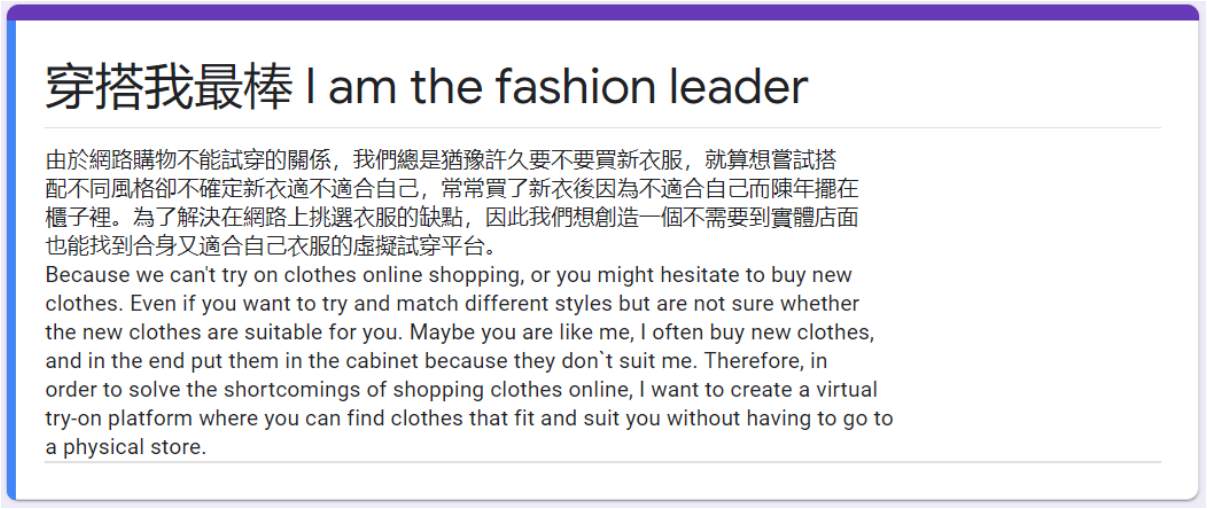
Glossary

Item	Keyterm	Explanation(description)	Reference
1	Personal information	Real name, nickname, birthday, address, phone number, Email, credit card, ID number, account, password, gender	Real name, phone number, Email, account, password are necessary
2	Login information	account, password, verified code, forgotten account or password	
3	General members	Can use the general model provided by our webpage	
4	VIP members	Have the capability to create an own 3D model	
5	Search product	Use search engines to find key work, make it easier for customers to find products, such as tops, pants, jackets, accessories	
6	Bonus points	The consumption amount can be converted into accumulated points, and the points can be discounted for the next order	
7	Message board function	A place users communicate with each other about their experience and thoughts on product fittings	
8	Create 3D model	The member enters height,	The member’s height,

	function	weight, body type, etc., then 3D modeling allows customers to have a virtual body	weight, body type, hair style, and so on.
9	Virtual fitting room	Through create 3D model environment, let the virtual body of the customer wear the our products	
10	The product database	All products that we've displayed (product number, product name,product image)	

Questionnaire

Link:https://docs.google.com/forms/d/1cyfRvRR6nZ17BrxKUGmpwX184pJbzF4zfdfkhKsVFM0/edit



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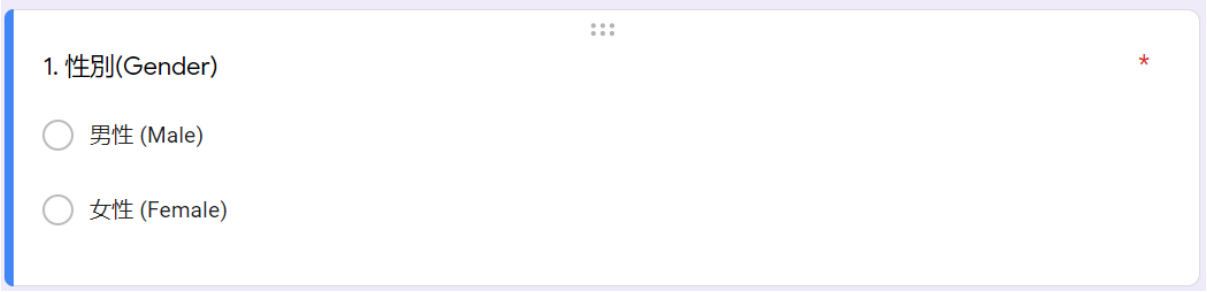

1. 性別(Gender) *

男性 (Male)

女性 (Female)

2. 年齡(Age) *

1。 小於20歲 (below 20 years old)

2。 20~29歲 (20 ~ 29 years old)

3。 30~39歲 (30 ~ 39 years old)

4。 40~49歲 (40 ~ 49 years old)

5。 大於49歲 (above 49 years old)

3. 職業 (Your job) *

- ○ 服務業 (Service industry)
- ○ 學生 (Student)
- ○ 教職員工 (Faculty)
- ○ 科技業 (Technology Industry)
- ○ 農業 (Agriculture)
- ○ 工業 (Industry)
- ○ 軍人(Soldier)
- ○ 業務員(Salesman)
- ○ 交通運輸業(ex:計程車司機)(Transportation industry (ex:taxi driver))
- ○ 公務員(Civil servant)
- ○ 其他...

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4. 網購頻率 (About how often do you shop online?) *

	0 Time	1~2 Times	3~4 Times	5~6 Times	7~8 Times	9~10 Times	Above 10 ...
Per-Week ...	○	○	○	○	○	○	○
Per-Month ...	○	○	○	○	○	○	○
Per-Seaso...	○	○	○	○	○	○	○

5. 網購平均耗時 (How much time will you spend shopping online at once?) *

- ○ 半小時 (Half an hour)
- ○ 一小時 (One hour)
- ○ 大於一小時 (More than one hour)

6. 你平常的消費金額範圍(單件) Your usual spending range (single piece) *

1。 少於100台幣 (below NT 100)

2。 100台幣~500台幣 (NT 101 ~ NT 500)

3。 501台幣~1000台幣 (NT 501~ NT 1000)

4。 1001台幣~1500台幣(NT 1001 ~ NT 1500)

5。 多於1500台幣 (above 1500)

7. 較常選擇的穿搭風格 (The usual style of dressing)(可複選 can have multiple selections) *

- [ ] 工業風 (Industrial style)

- [ ] 悠閒運動風 (Leisurely sports style)

- [ ] 優雅淑女風 (Elegant style)

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- [ ] 復古風 (Vintage style)

- [ ] 簡約舒適風 (Simple and comfortable style)

- [ ] 街頭風(Street style)

- [ ] 學院風(Preppy style)

- [ ] 其他...

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8. 擇衣標準 (How to choose clothes)(可複選 can have multiple selections) *

- [ ] 款式 (Style)
- [ ] 品質 (Quality)
- [ ] 顏色 (Color)
- [ ] 價格 (Price)
- [ ] 品牌知名度 (Brand awareness)
- [ ] 品牌打折 (Brand discounts)
- [ ] 場合需要 (occasion needed)
- [ ] 其他...

9. 你覺得你常用的購買程式有甚麼不足? (What do you think is wrong with your usual purchase software?)(可複選 can have multiple selections) *

- [ ] 折扣活動較少 (Less discount activities)
- [ ] 搜尋結果與預期相差太多 (The search result is too far from the expected)
- [ ] 無法預期自身穿搭起的樣貌 (Unable to predict the appearance of myself)
- [ ] 商品品質與預期相差太多 (The quality of the product is too far from the expected)
- [ ] 購物車無法分類 (EX: 襯衫類、短褲類) (The shopping cart cannot be sorted (EX: shirts, shorts))
- [ ] 穿搭風格種類太少(Too few types of styles)
- [ ] 付款管道不夠安全(EX:信用卡付款)(The payment channel is not secure enough (EX: credit card payment))
- [ ] 品項分類不夠明確 (Item classification is not clear enough)
- [ ] 其他...

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10. 平常買衣服的管道 (The usual way to buy clothes)(可複選 can have multiple selections) *

- [ ] 線上購物(Online shopping)
- [ ] 實體店面購物(Physical storefronts)
- [ ] 電視購物(TV Shopping)
- [ ] 團體購物(Group shopping)
- [ ] 其他...

11. 平常購買的品牌(The most usually buy clothes brand)(可複選 can have multiple selections) *

- [ ] Pazzo
- [ ] Meier.Q
- [ ] Air Space
- [ ] LAKING
- [ ] Supreme
- [ ] Super dry
- [ ] Guess
- [ ] Nike
- [ ] H&M
- [ ] 50%
- [ ] PUMA

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- [ ] Zara
- [ ] adidas
- [ ] Uniqlo
- [ ] Net
- [ ] CACO
- [ ] GAP
- [ ] Levi's
- [ ] 無品牌(No brand)
- [ ] 其他...

12. 網購衣服時常參考的配件(Accessories for matching clothes)(可複選 can have multiple selections) *

- [ ] 帽子(Hat)
- [ ] 髮飾(EX: 髮帶、髮夾、髮圈)(Hair accessories)
- [ ] 耳環(Earring)
- [ ] 眼鏡(Glasses)
- [ ] 項鍊(Necklace)
- [ ] 披肩(Shawl)
- [ ] 圍巾(Scarf)
- [ ] 領帶(Tie)
- [ ] 手錶(Watch)
- [ ] 手鍊(Bracelet)
- [ ] 手套(Gloves)
- [ ] 戒指(Ring)

- [ ] 包包(Bag)
- [ ] 腰帶(Belt)
- [ ] 鞋子(Shoes)
- [ ] 其他...

13. 是否想嘗試改變穿搭風格?(Do you want to try on new style clothes?) *

- ○ 是(Yes)
- ○ 否(No)
- ○ 不想改變穿搭風格但想增進穿搭技巧(Don't want to change my style but want to improve my skills)
- ○ 想改變穿搭風格也想增進穿搭技巧(Want to change my style and want to improve my skills)

14. 若有虛擬穿衣平台，是否想嘗試?(Do you want to try virtual try-on platform?) *

- ○ 是(Yes)
- ○ 否(No)

15. 常用的付款方式(Common payment methods)(可複選 can have multiple selections) *

- [ ] 現金(貨到付款)(Cash (cash on delivery))
- [ ] 線上刷卡(Swipe online)
- [ ] 第三方支付(行動支付 ex. LINE Pay)(Third-party payment (mobile payment ex. LINE Pay))
- [ ] 匯款(ex: ATM轉帳)(Remittance (ex: ATM))
- [ ] 其他...

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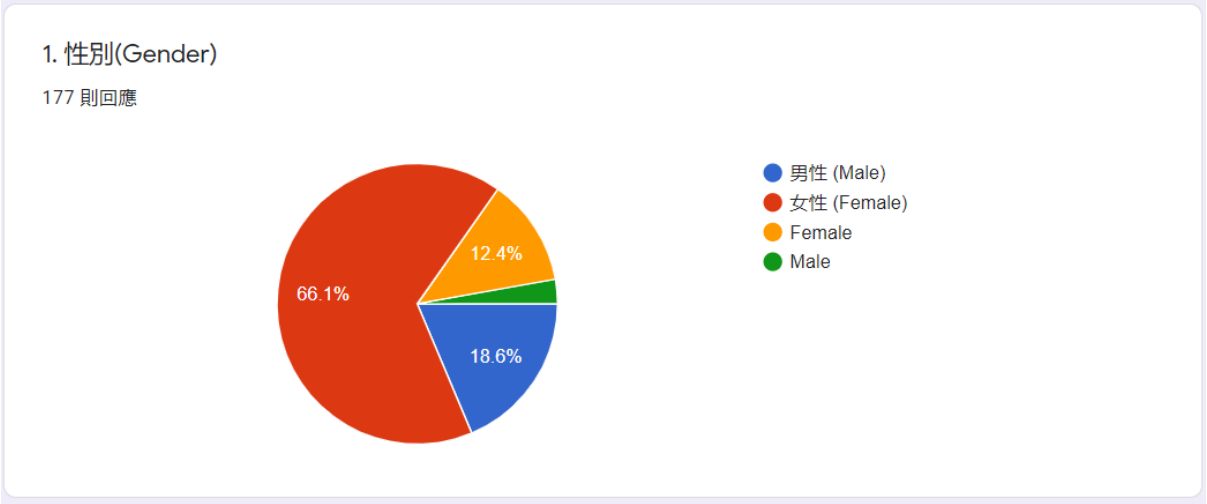
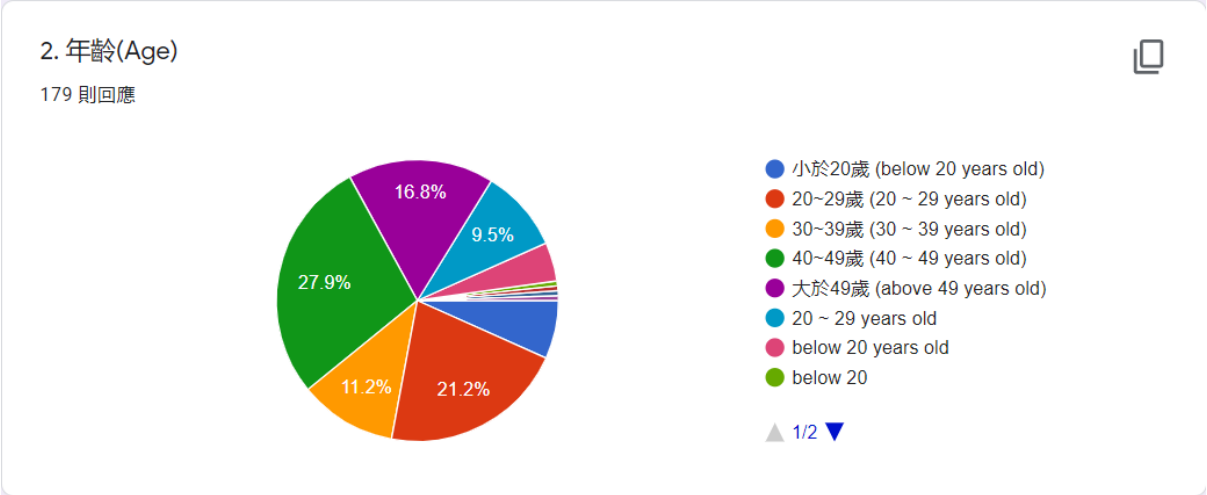
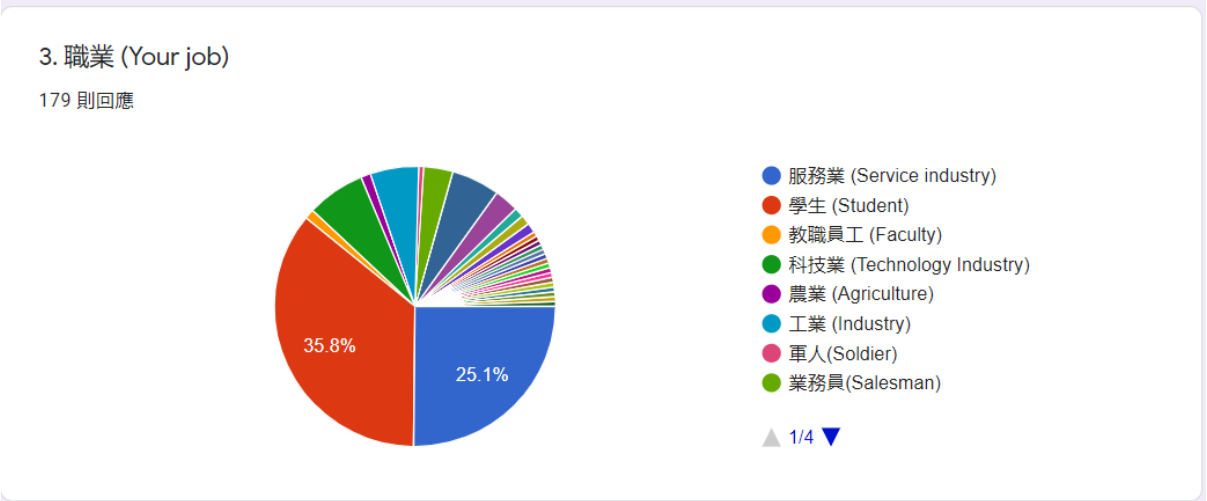
Questionnaire Result:

1.Excel: 穿搭我最棒 I am the fashion leader (回應)

2.Pie chart & Bar chart







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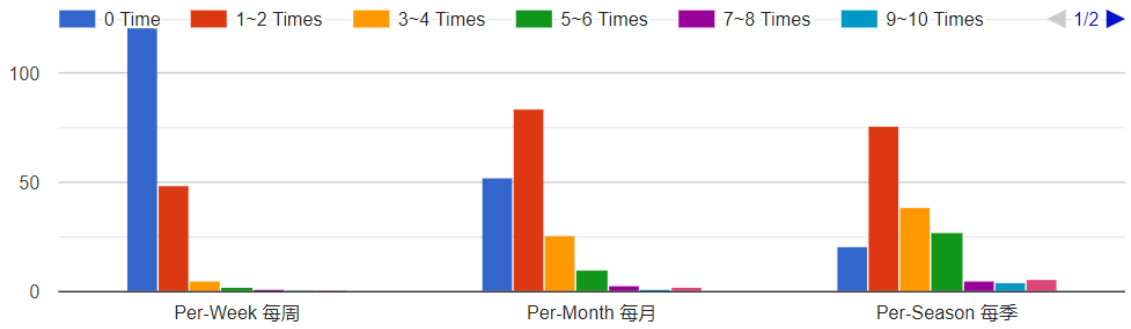
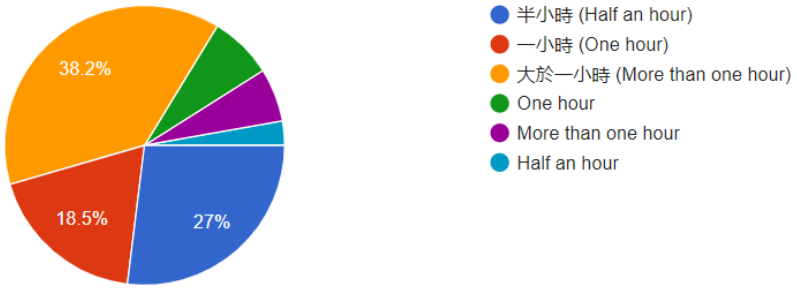


5. 網購平均耗時 (How much time will you spend shopping online at once?)

178 則回應



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179 則回應

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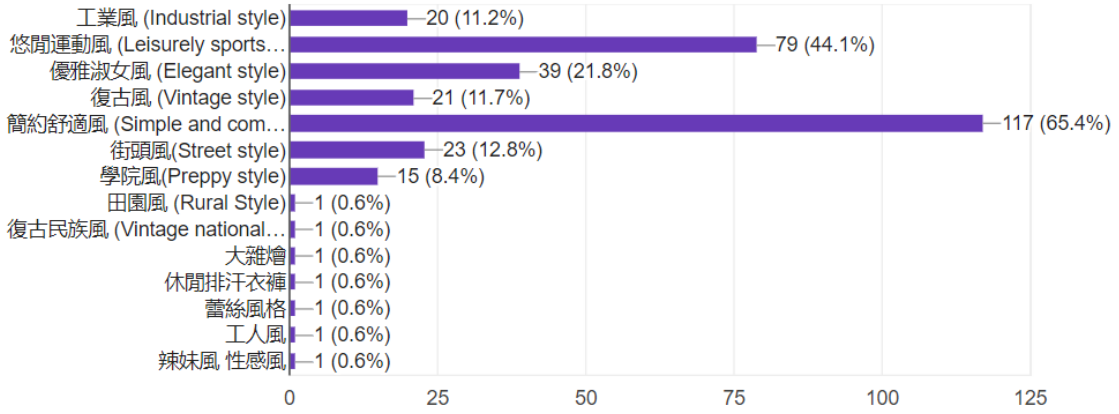
179 則回應



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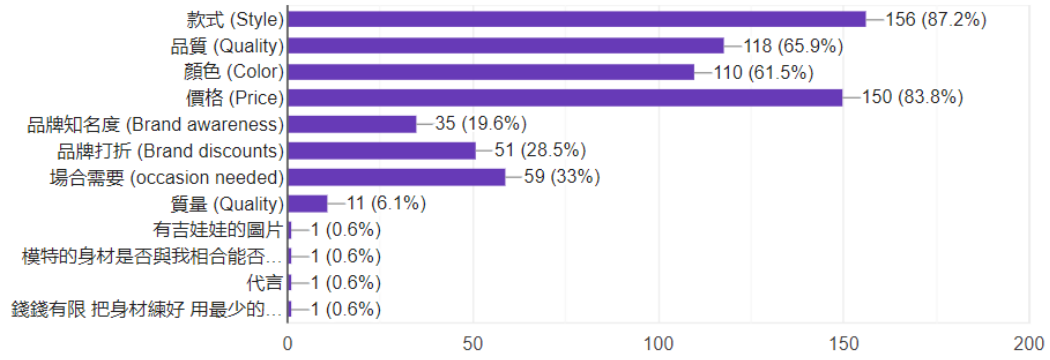
179 則回應



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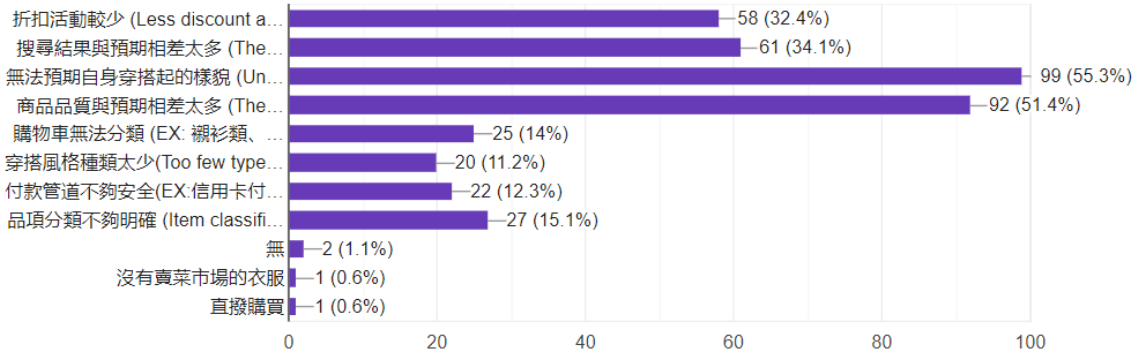

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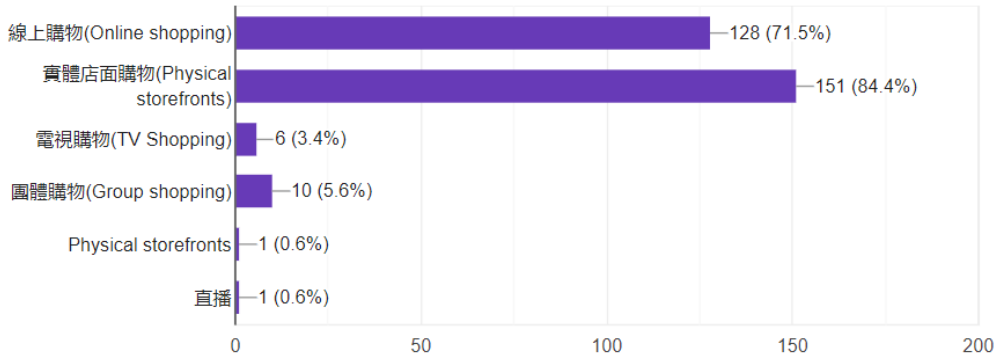

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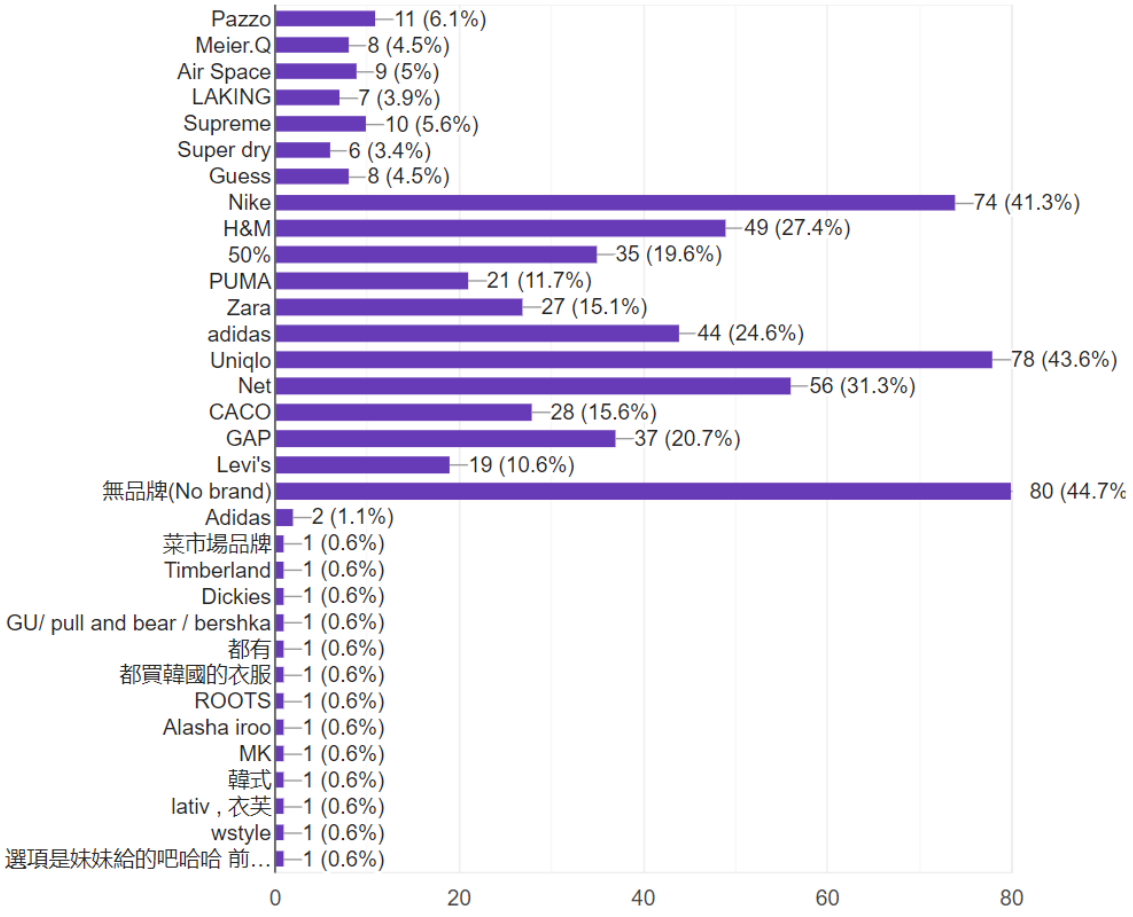

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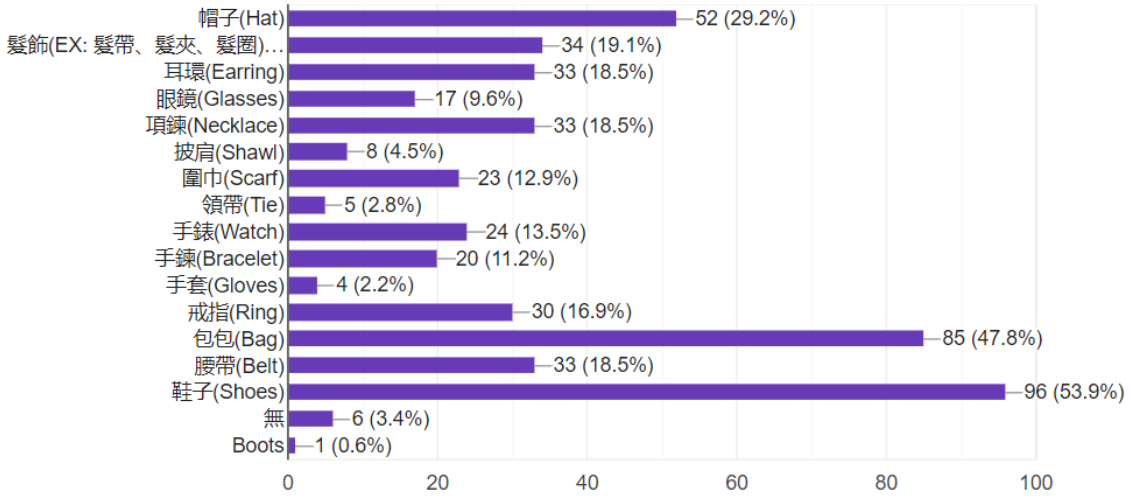

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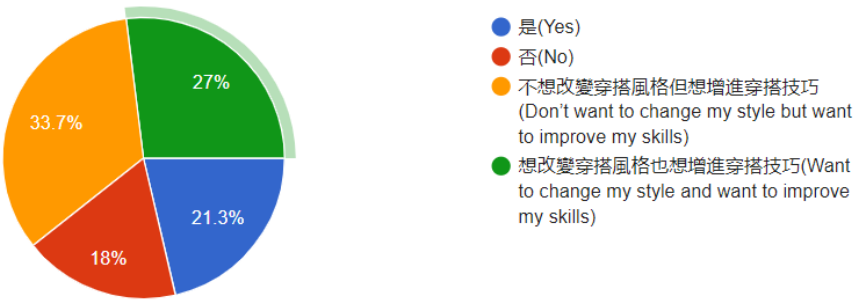
178 則回應



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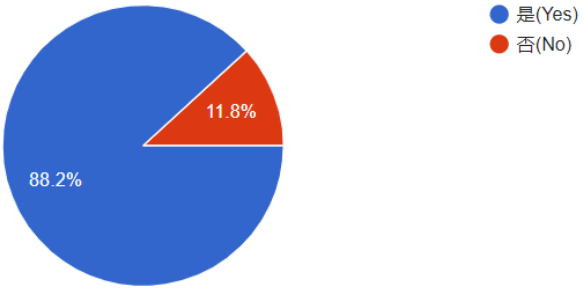
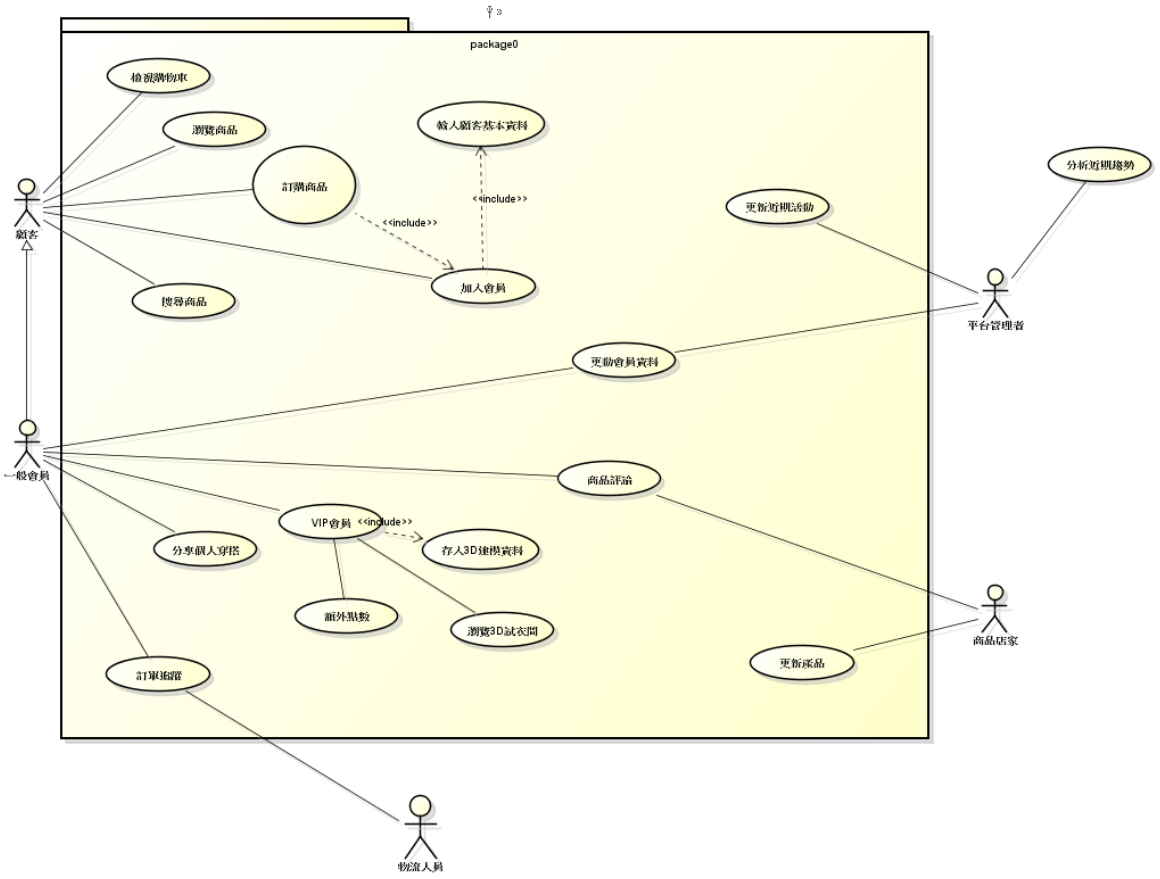


Use Case Diagram:



Reflection:

Through this project, we have a better understanding of the operation of system analysis, such as what conditions must be met to make a questionnaire to be more complete, and how to use a use case diagram to allow customers to understand the operation of the system more quickly and clearly.

Also because this project makes us feel closer to the industry, because we want to promote our questionnaire to the public. We have also learned about the difficulties in publicity. For example, some people are not very good at English and cannot read the questionnaire in English. We must prepare a Chinese translation for them. Or if the problem description is not clear enough, it will confuse the person who fills in the questionnaire. The question must be clear and objective in order to achieve the expected effect of the questionnaire.

In addition, many large companies will strictly implement the deadline for the submission of reports because delays will affect the subsequent procedures and cause serious delays in the development of the entire system, leading to losses for merchants and customers. The teacher also strictly enforces the deadline rules for handing in homework. Let us know that procrastination is a bad habit, which not only affects ourselves, but also affects the operation of the entire team. We should strive to cultivate a good habit of being punctual and diligent.

Therefore, this project allows us not only to learn more about the application of system analysis, but also to understand more about what difficulties we face and what problems we face, what habits and knowledge we should cultivate.