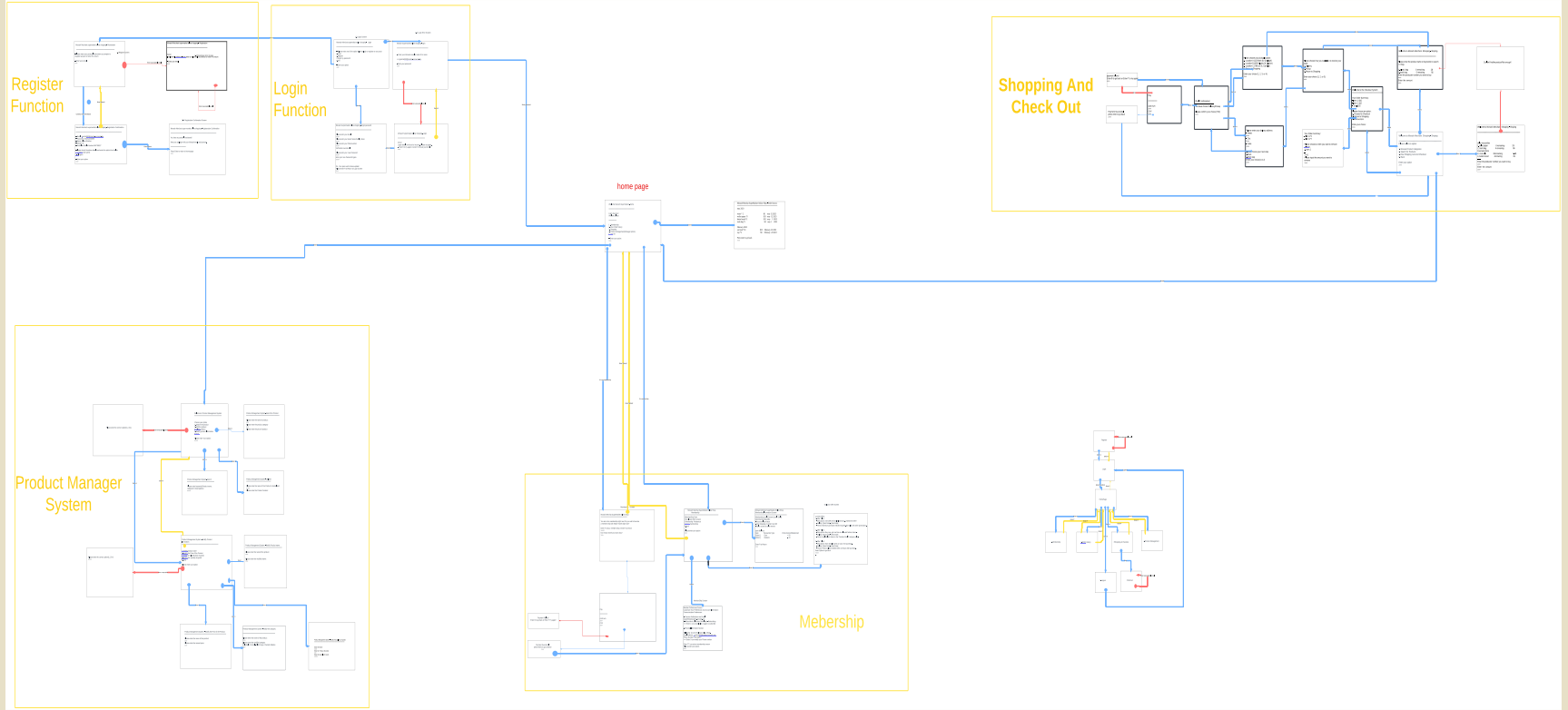# FIT5136Assignment 1

Monash Merchant supermarket online shopping

Team1

Prototype

Register
Function

Login
Function

Shopping And
Check Out

home page

Product Manager
System

Mebership

Whole system prototype
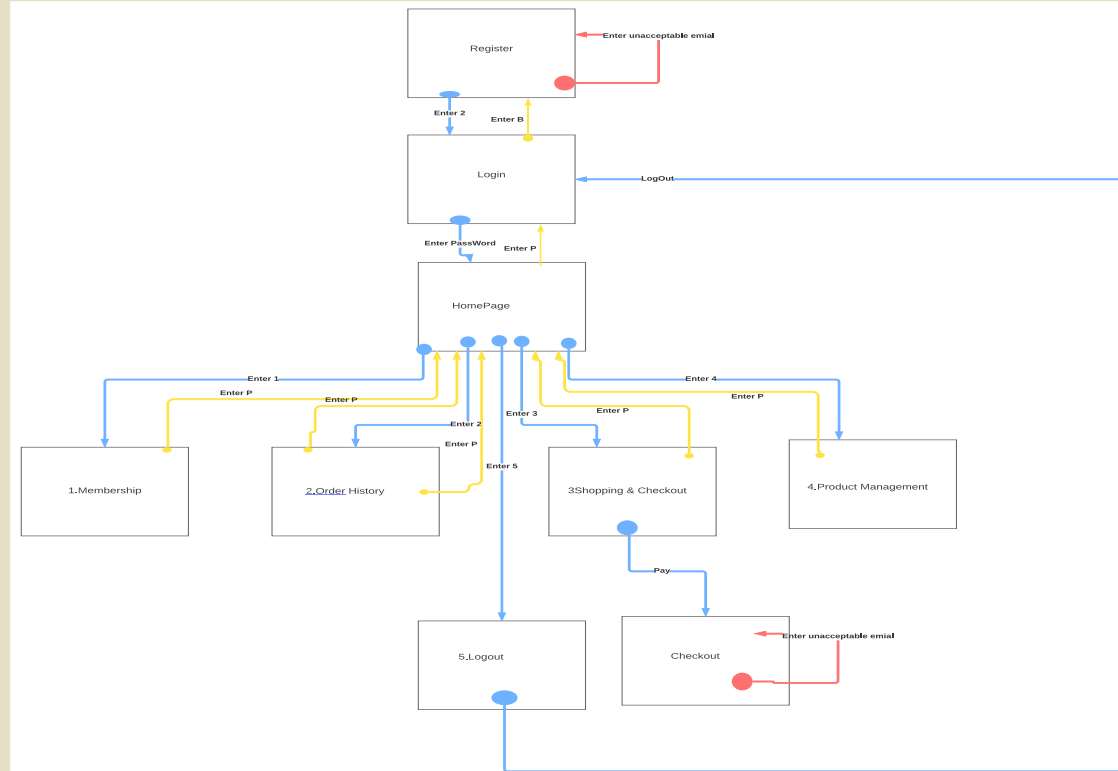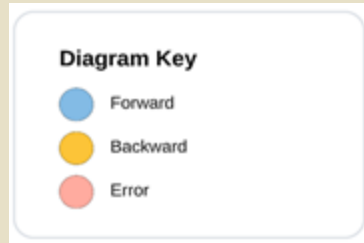
Feature 1 Customer Registration/ Login
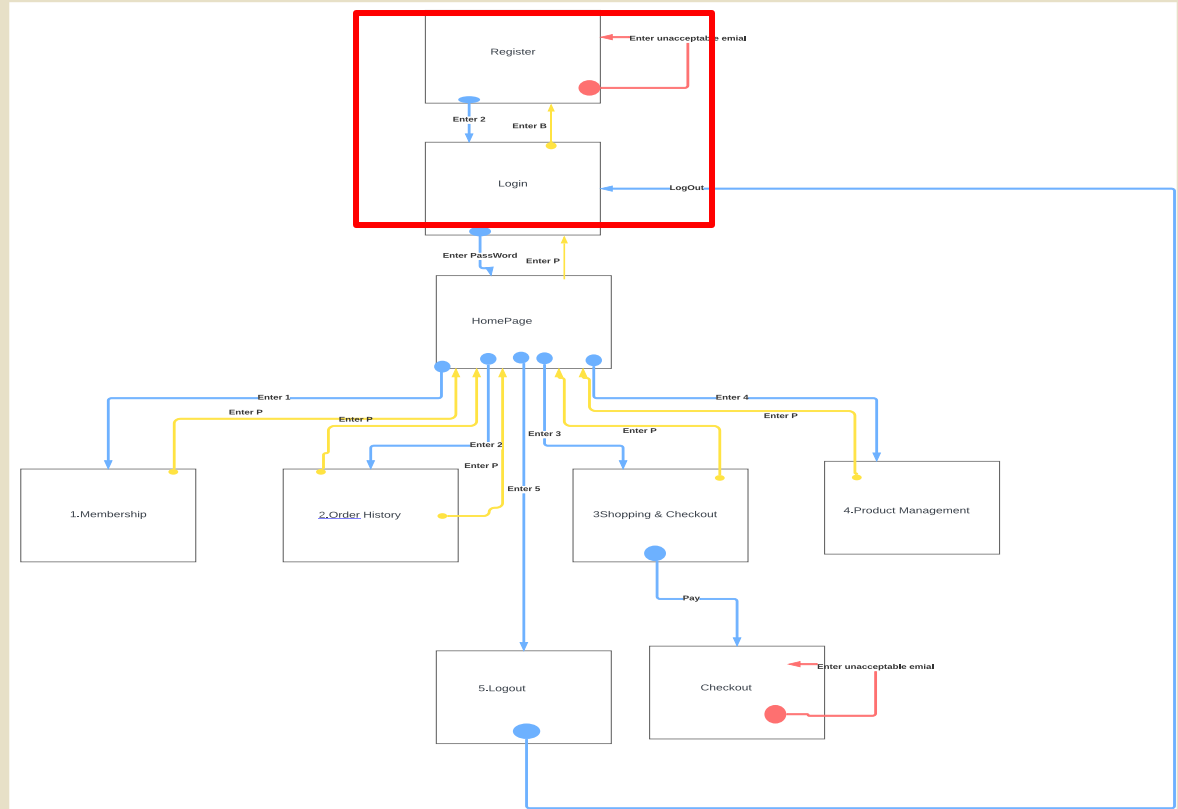
Diagram Key

- 🔵 Forward
- 🟡 Backward
- 🔴 Error

Register — Enter unacceptable emial

Enter 2 — Enter B

Login — LogOut

Enter PassWord — Enter P

HomePage

Enter 1 — Enter P — Enter P — Enter 2 — Enter P — Enter 3 — Enter P — Enter 4 — Enter P

Enter 5

1.Membership

2.Order History

3Shopping & Checkout

4.Product Management

Pay

5.Logout

Checkout — Enter unacceptable emial
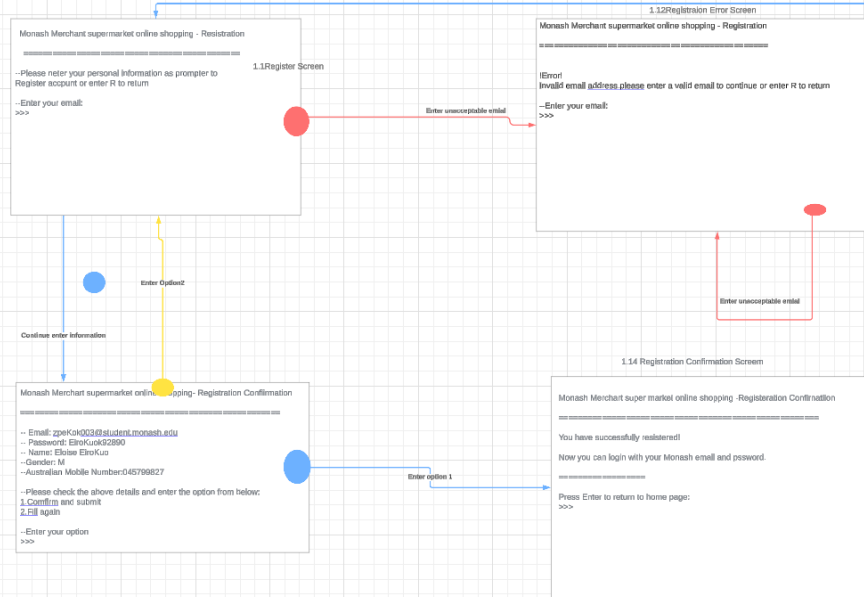
Feature 1 – Customer Register

Feature 1 – Customer <mark>Login</mark>
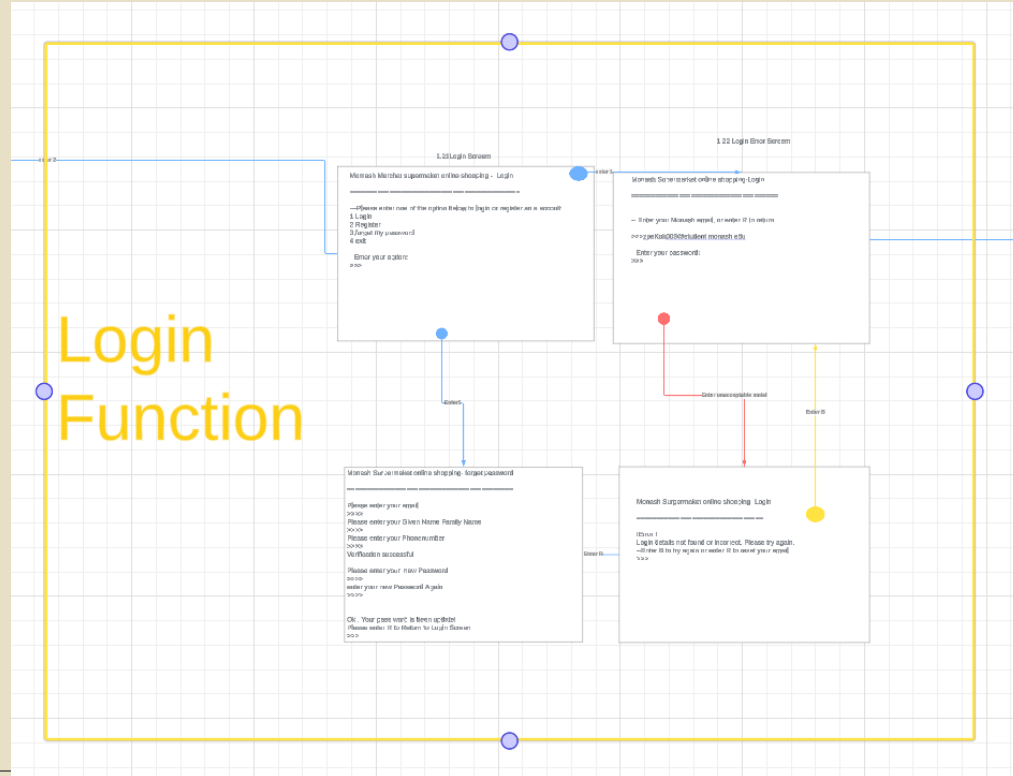
Usability Design Principles

Prevent errors

Provide allowed options or values in user input prompts to help users avoid entering incorrect information.

Check for incorrect input, and if incorrect input occurs, promptly display an error message to the user and allow them to re-enter the correct information.

Provide a confirmation screen that displays a summary of the information for final review by the user before submitting.

Feature 2 MemberShip

Feature 2 – Membership

Membership Screen

Monash Merchat SuperMarket Online Shop
========== ========== ==========

You are not a membership right now! Do you wat to become
a member ship with 5$ per month right now?

Enter Y to buy member ship or enter N to return
>>>Y
how many month you wal to buy?
>>>

Monash Merchat SuperMarket Online Shop
Membership
========== ========== ==========
1 MemberShip Point
2 Exclusive Offer Screem
3 Memership Preference
4. renew membership
4. Back

Please enter your option
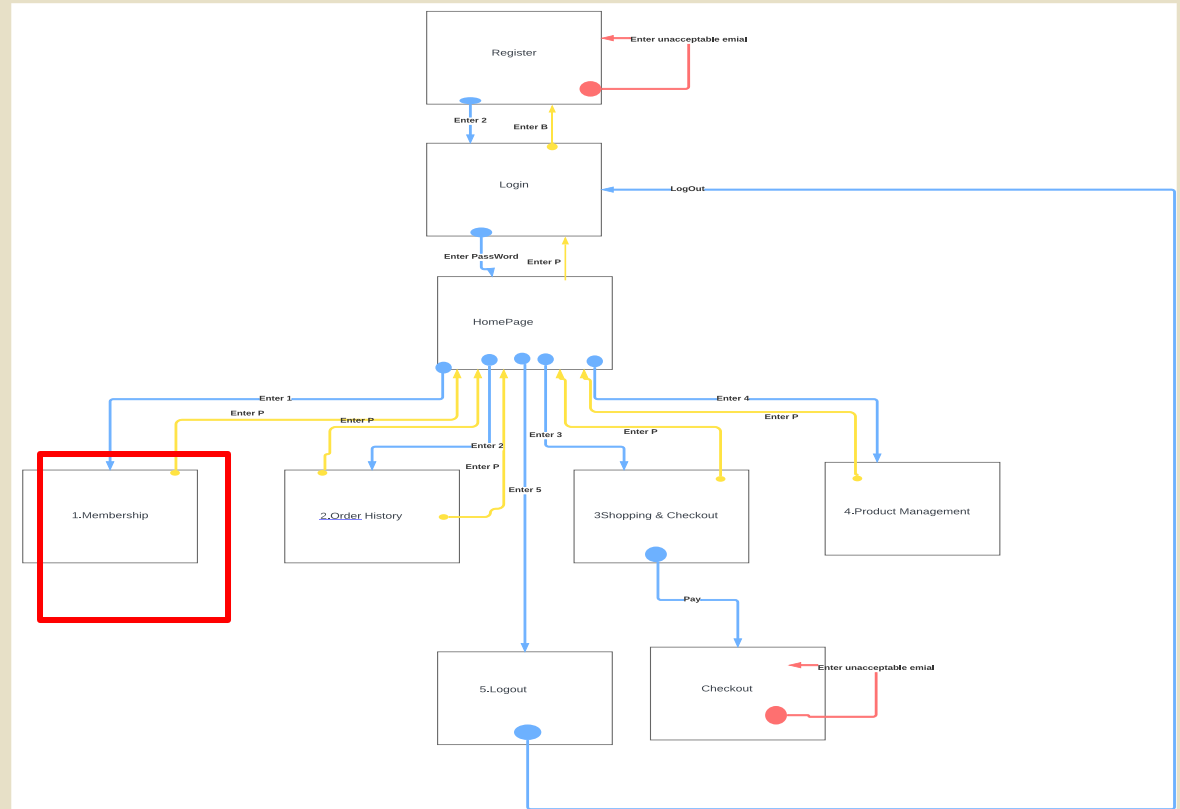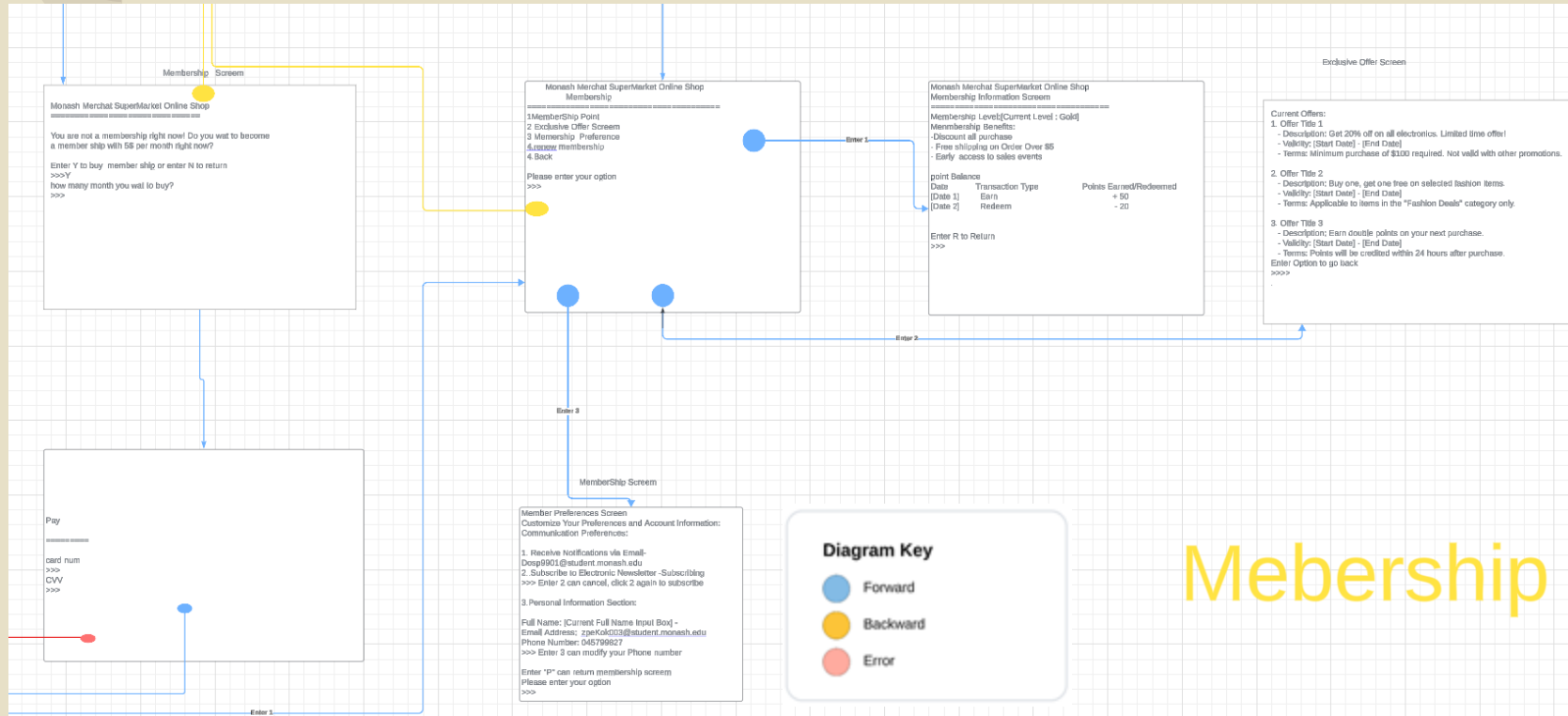>>>

Monash Merchat SuperMarket Online Shop
Membership Information Screen
========== ========== ==========
Membership Level:[Current Level : Gold]
Memmbership Benefits:
-Discount all purchase
- Free shipping on Order Over $5
- Early access to sales events

point Balance
Date   Transaction Type   Points Earned/Redeemed
[Date 1]   Earn   + 50
[Date 2]   Redeem   - 20

Enter R to Return
>>>

Exclusive Offer Screen

Current Offers:
1. Offer Title 1
  - Description: Get 20% off on all electronics. Limited time offer!
  - Validity: [Start Date] - [End Date]
  - Terms: Minimum purchase of $100 required. Not valid with other promotions.

2. Offer Title 2
  - Description: Buy one, get one free on selected fashion items.
  - Validity: [Start Date] - [End Date]
  - Terms: Applicable to items in the "Fashion Deals" category only.

3. Offer Title 3
  - Description: Earn double points on your next purchase.
  - Validity: [Start Date] - [End Date]
  - Terms: Points will be credited within 24 hours after purchase.
Enter Option go back
>>>>

Pay
========
card num
>>>
CVV
>>>

MemberShip Screen

Member Preferences Screen
Customize Your Preferences and Account Information:
Communication Preferences:

1. Receive Notifications via Email-
Dosp9901@student.monash.edu
2. Subscribe to Electronic Newsletter -Subscribing
>>> Enter 2 can cancel, click 2 again to subscribe

3.Personal Information Section:

Full Name: [Current Full Name Input Box] -
Email Address: zpeKokl003@student.monash.edu
Phone Number: 045799827
>>> Enter 3 can modify your Phone number

Enter 'P' can return membership screem
Please enter your option
>>>

Enter 1
Enter 2
Enter 3
Enter 1

Diagram Key

- 🔵 Forward
- 🟡 Backward
- 🔴 Error
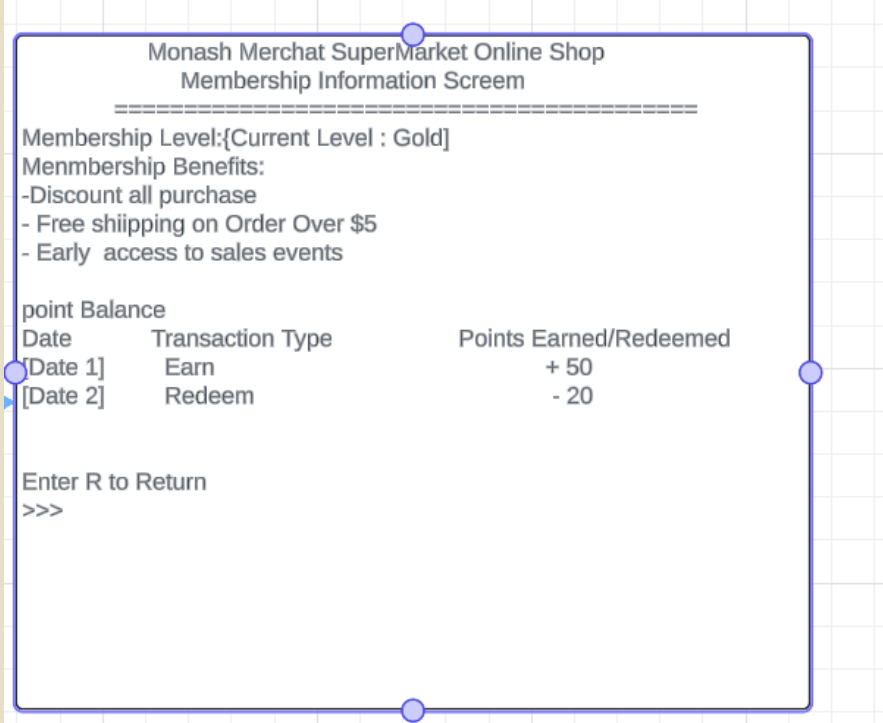
Mebership

Usability Design Principles

To reduce short-term memory load, we implemented the following strategies:
Utilized mnemonics to aid users in remembering navigational options, such as "b" for back and "h" for home.
Displayed information about the current filters applied, eliminating the need for users to memorize them when adding or removing filters.
Incorporated a filled star symbol to assist users in recalling which properties are already in the watchlist.


```
                Monash Merchat SuperMarket Online Shop
                      Membership Information Screem
            ================================================
Membership Level:{Current Level : Gold]
Menmbership Benefits:
-Discount all purchase
- Free shipping on Order Over $5
- Early  access to sales events

point Balance
Date          Transaction Type            Points Earned/Redeemed
[Date 1]         Earn                              + 50
[Date 2]         Redeem                            - 20


Enter R to Return
>>>
```

Feature 3

Register — Enter unacceptable emial

Enter 2 | Enter B

Login — LogOut

Enter PassWord | Enter P

HomePage

Enter 1 | Enter P | Enter P | Enter 4 | Enter P

Enter 2 | Enter P | Enter 3 | Enter P

Enter 5

1.Membership | 2.Order History | 3Shopping & Checkout | 4.Product Management

5.Logout | Checkout — Enter unacceptable emial

Pay
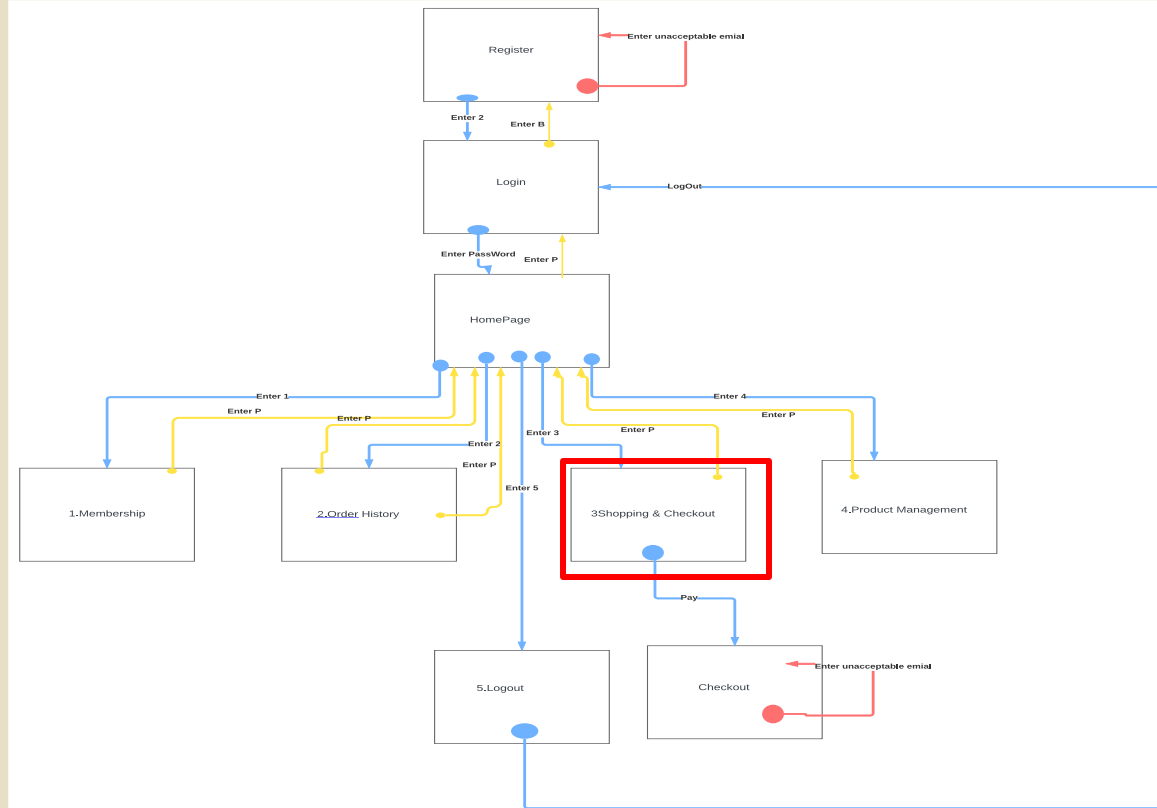
Feature 3 - shopping

Diagram Key

- Forward
- Backward
- Error

Welcome to Monash Merchant Shooping - Shoping

====================================

Please enter the product name or keywords to search
>>>bag

1. plastic bag   8 remaining   2$
2. trash bag   5 remaning   5$
Enter the producter number you want to buy
>>>
Enter the amount
>>>

Couldn't findthe product/Not enough!

Welcome to the Checkout System
====================================

Your Order Summary:
- Item 1: $10
- Item 2: $15
- Total: $25

Please choose an option:
1. Proceed to Checkout
2. Return to Shopping
3.Remove item

Enter your choice ;
>>>

Welcome to Monash Merchant Shooping - Shoping

====================================

Please select an option:

1. Browse Product Categories
2. Search for Products
3.View Shopping Cart and Checkout
5. Back

Enter your option
>>>

Welcome to Monash Merchant Shooping - Shoping

====================================

daily necessities
1. toilet paper   8 remaining   2$
2, trash bag   5 remaning   5$
Food and drink
3, cocacola   30remaining   1.5$
4, butter bread   4remaning   3$
......
Enter the producter number you want to buy
>>>
Enter the amount
>>>

Enter4

Enter3

Enter1

Enter3

Enter2

Enter3

Enter 2

Enter 1
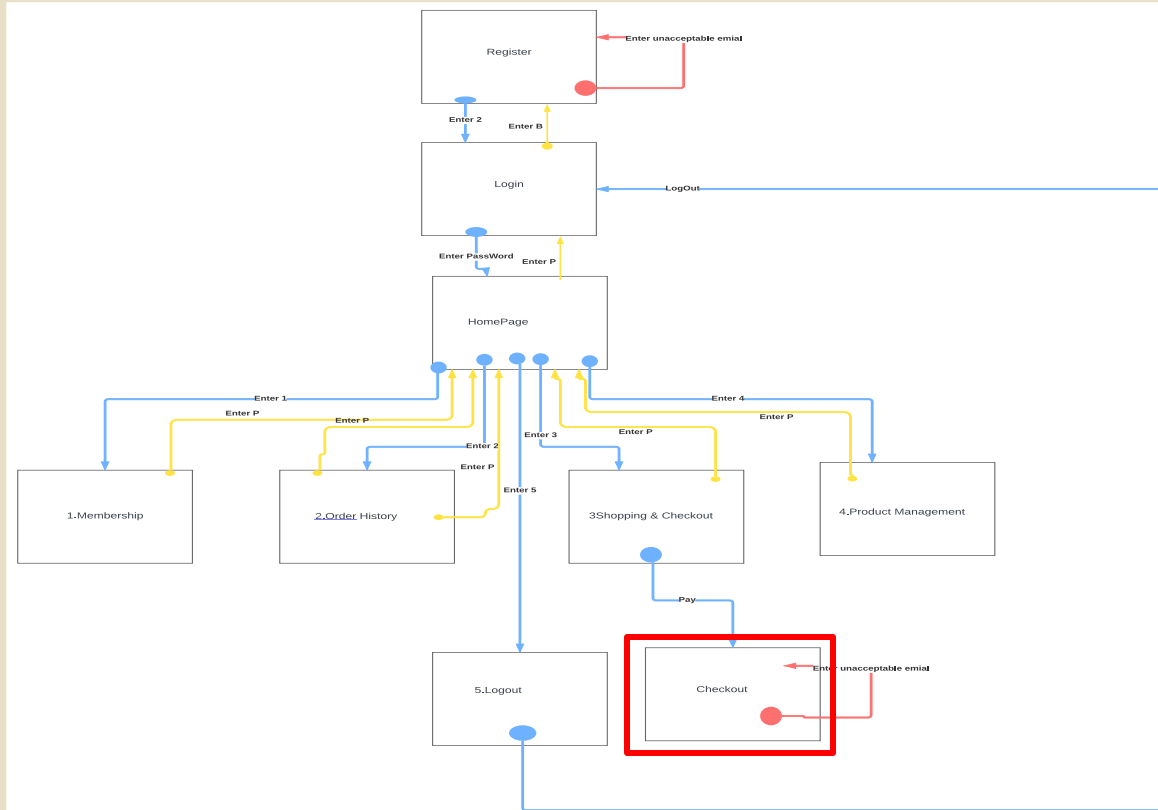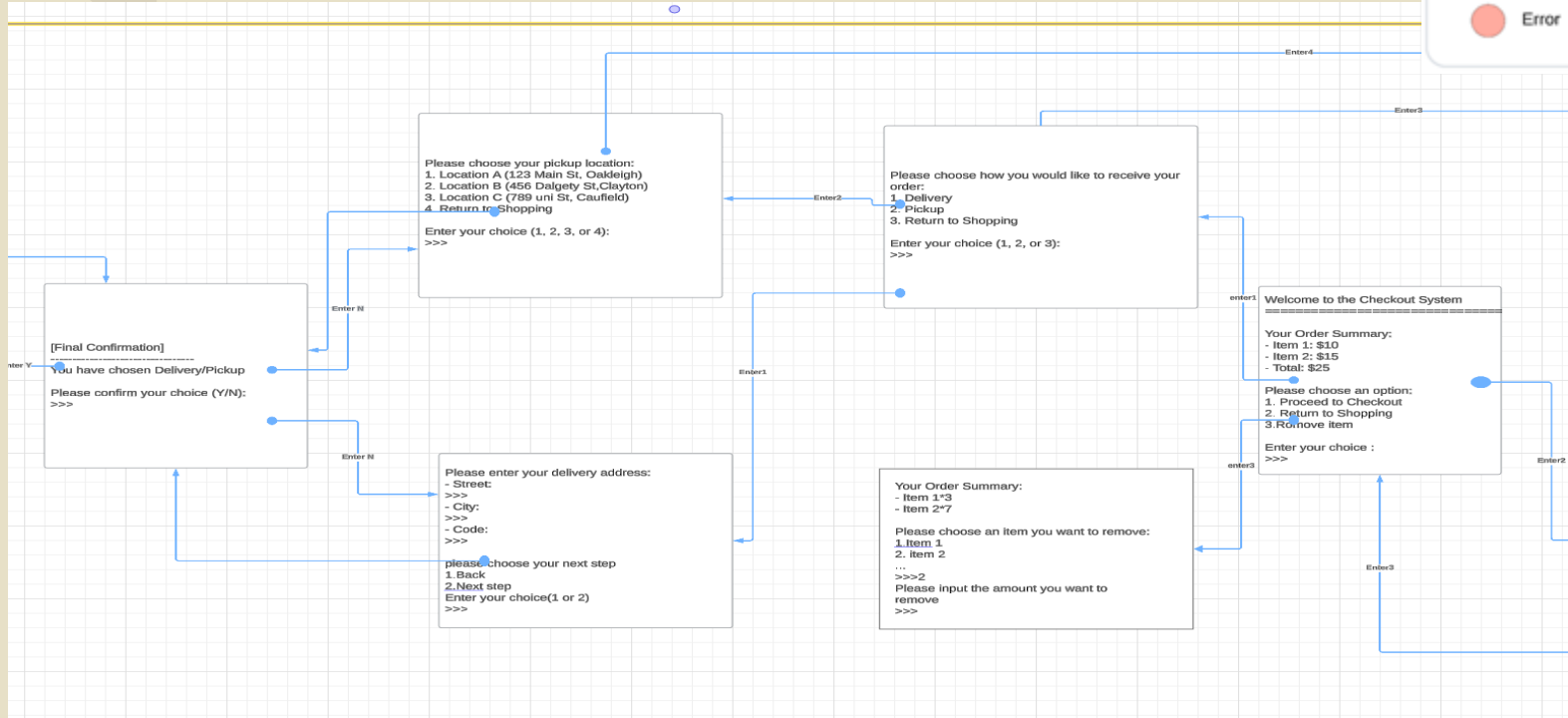
Usability Design Principles

Consistency
We ensured the consistency of the
design during the design process,
making it easier for users to
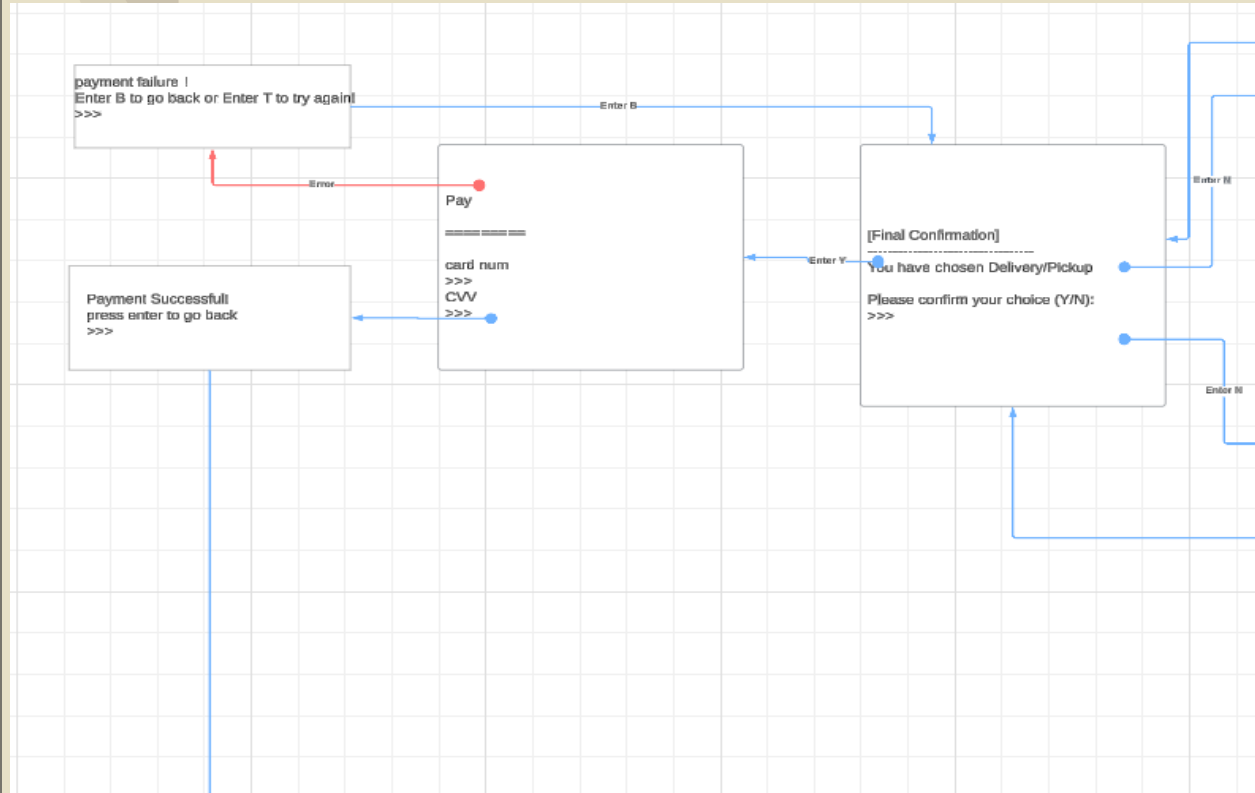understand how to operate during
use.

======	Dividing line
-	Number of item
>>>	Enter space

Feature 4

Feature 4 –check out

Diagram Key

- 🔵 Forward
- 🟡 Backward
- 🔴 Error

Please choose your pickup location:
1. Location A (123 Main St, Oakleigh)
2. Location B (456 Dalgety St,Clayton)
3. Location C (789 uni St, Caufield)
4. Return to Shopping

Enter your choice (1, 2, 3, or 4):
>>>

Please choose how you would like to receive your order:
1. Delivery
2. Pickup
3. Return to Shopping

Enter your choice (1, 2, or 3):
>>>

Welcome to the Checkout System
================================

Your Order Summary:
- Item 1: $10
- Item 2: $15
- Total: $25

Please choose an option:
1. Proceed to Checkout
2. Return to Shopping
3.Remove item

Enter your choice :
>>>

[Final Confirmation]

You have chosen Delivery/Pickup

Please confirm your choice (Y/N):
>>>

Please enter your delivery address:
- Street:
>>>
- City:
>>>
- Code:
>>>
please choose your next step
1.Back
2.Next step
Enter your choice(1 or 2)
>>>

Your Order Summary:
- Item 1*3
- Item 2*7

Please choose an item you want to remove:
1. Item 1
2. item 2
...
>>>2
Please input the amount you want to remove
>>>

Enter4

Enter3

Enter2

enter1

Enter1

Enter N

Enter Y

Enter N

enter3

Enter2

Enter3

Feature 4 – check out

payment failure !
Enter B to go back or Enter T to try again!
>>>

Enter B

Error

Pay

======

card num
>>>
CVV
>>>

Payment Successful!
press enter to go back
>>>

Enter Y

[Final Confirmation]
_____
You have chosen Delivery/Pickup

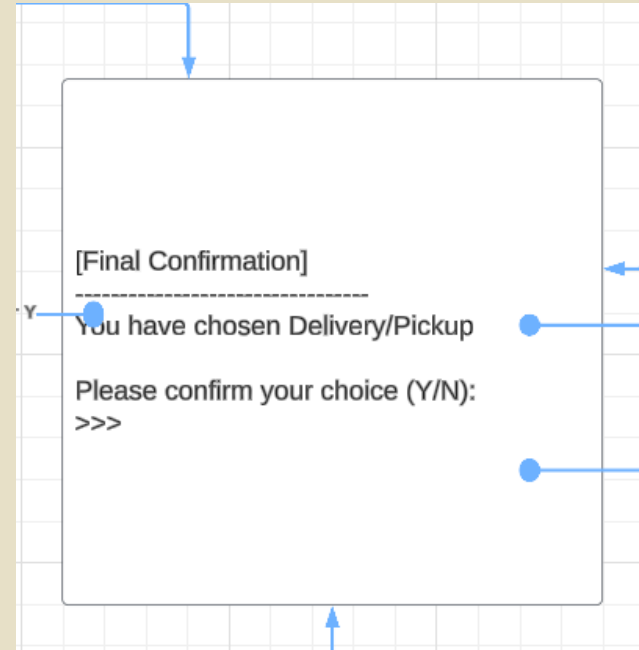Please confirm your choice (Y/N):
>>>

Enter N

Enter N

Diagram Key

● Forward

● Backward

● Error

Usability Design Principles

Versatility

Our design keeps the language simple and clear, avoiding the use of complex phrases, to ensure that users of different cultures and English proficiency levels can easily use the app.

Feature 5 – Homepage

home page

Welcome Monash Supermarket- Home

================================

Login Success!
Welcone Eloise

=======

1 . Membership
2. View Order history
3. Shopping
4. Product Management(Manager option)
5. Log out

-- Enter your option:
>>>

Enter 2

Monash Merchat SuperMarket Online Shop -Order history
===
may 2023

water * 2 $6   may 12 2023
woilet paper *5 $13   may 12 2023
butter bread *2 $12   may   3 2023
trash bag *1 $4   may 1   2023

February 2023
cat food *10 $35   February 25 2023
cup *2 $8   February 20 2023

Press enter to go back
>>>

Diagram Key

- Forward
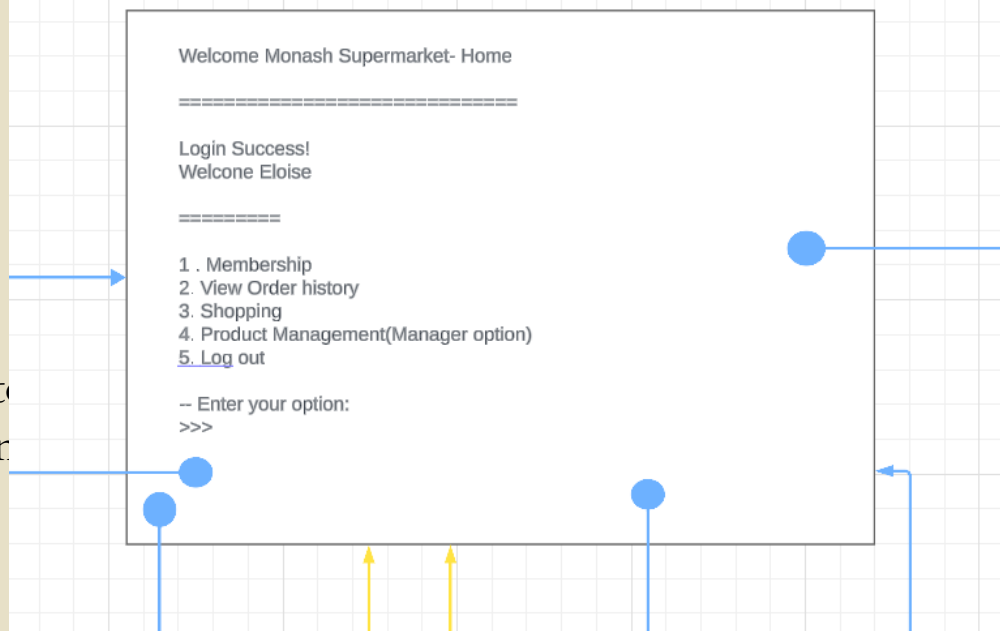- Backward
- Error

Usability Design Principles

Permit easy reversal of actions
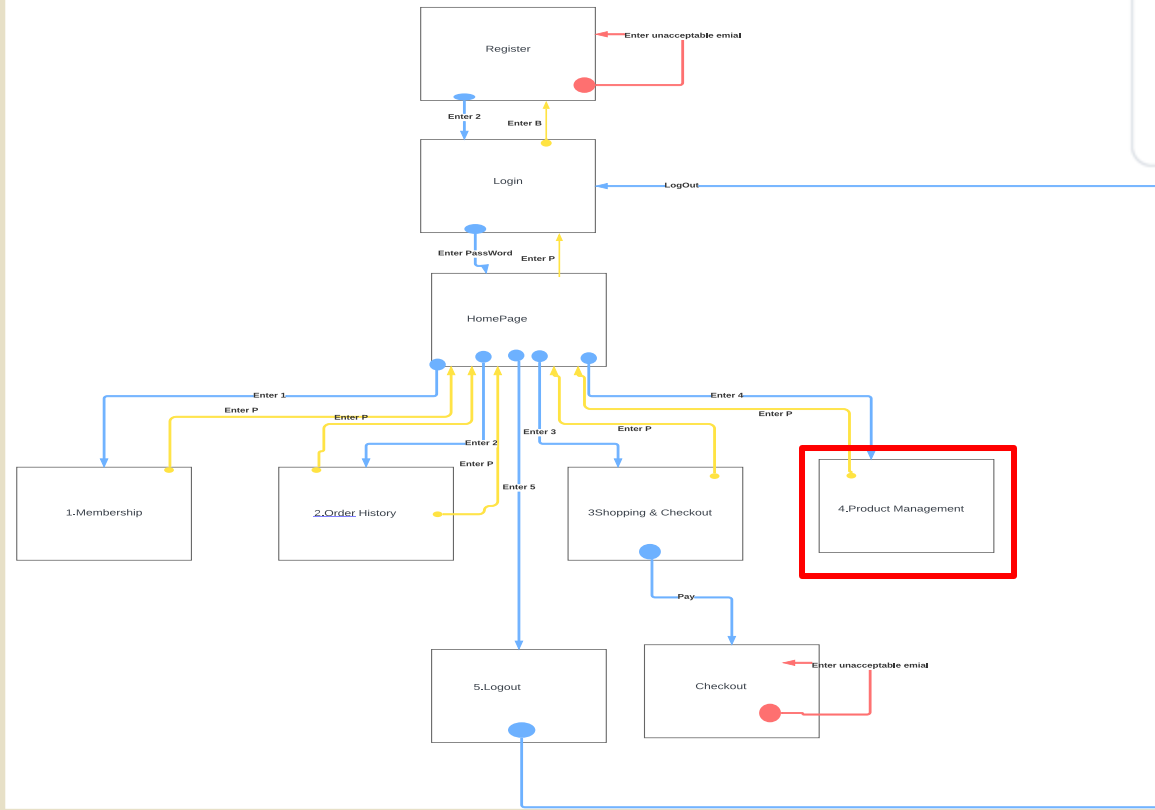Enabling effortless reversal of actions

To adhere to this principle, we:

Offered navigation options across most screens, allowing users to either backtrack to previous steps or return to the home screen easily.

home page

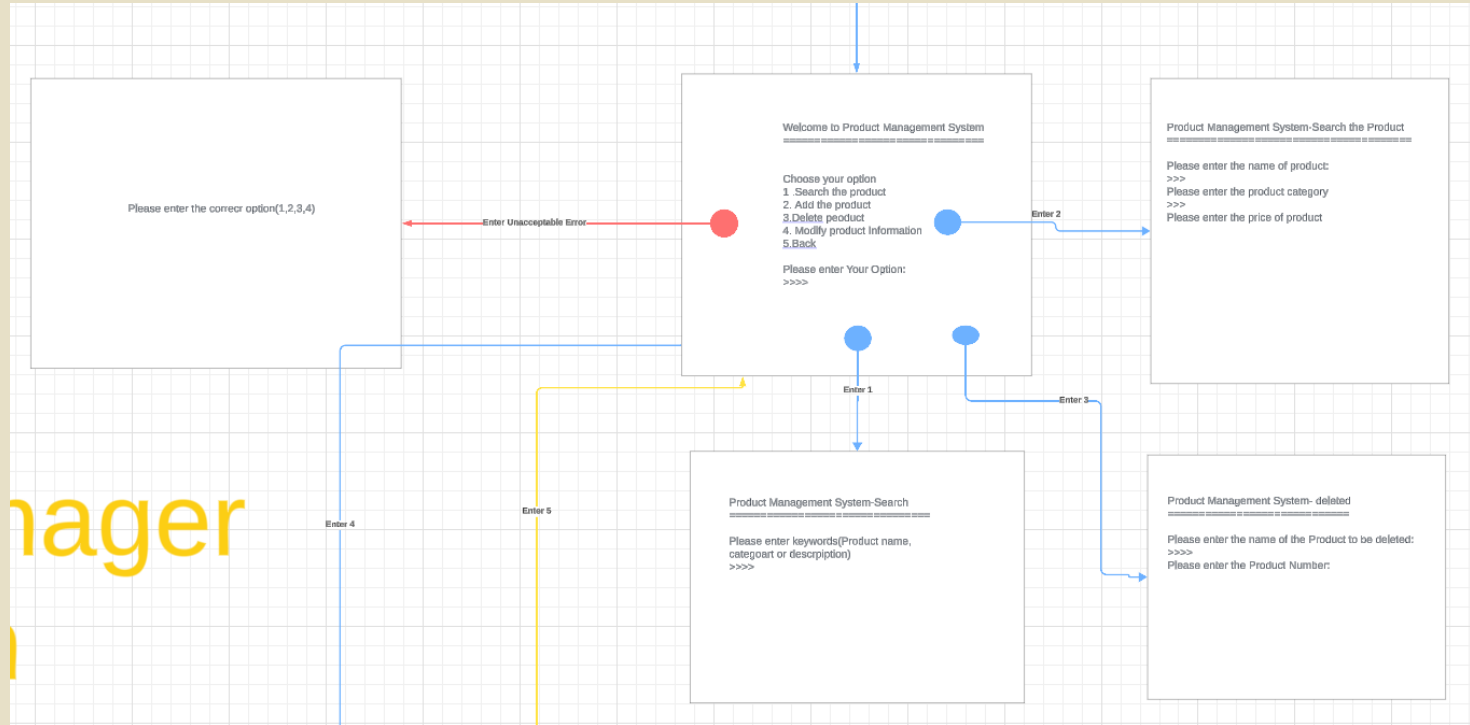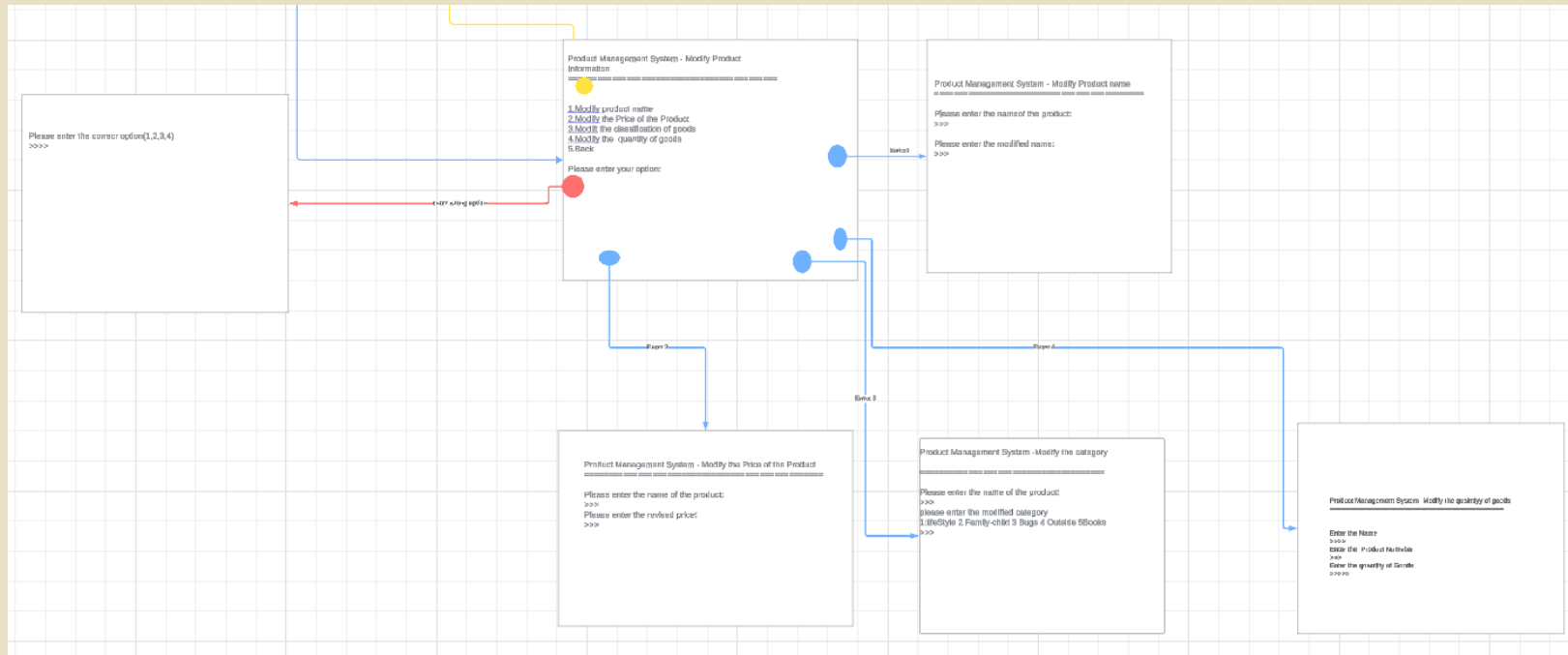Welcome Monash Supermarket- Home

==================================

Login Success!
Welcome Eloise

=========

1 . Membership
2. View Order history
3. Shopping
4. Product Management(Manager option)
5. Log out

-- Enter your option:
>>>

Feature 6

Feature 6

Please enter the correcr option(1,2,3,4)

Enter Unacceptable Error

Welcome to Product Management System
===

Choose your option
1 .Search the product
2. Add the product
3.Delete peoduct
4. Modify product Information
5.Back

Please enter Your Ogtion:
>>>>

Product Management System-Search the Product
===

Please enter the name of product:
>>>
Please enter the product category
>>>
Please enter the price of product

Enter 2

Enter 1

Enter 3

nager

Enter 4

Enter 5

Product Management System-Search

Please enter keywords(Product name,
categoart or descrpiption)
>>>>

Product Management System- deleted
===

Please enter the name of the Product to be deleted:
>>>>
Please enter the Product Number:

Feature 6

Usability Design Principles
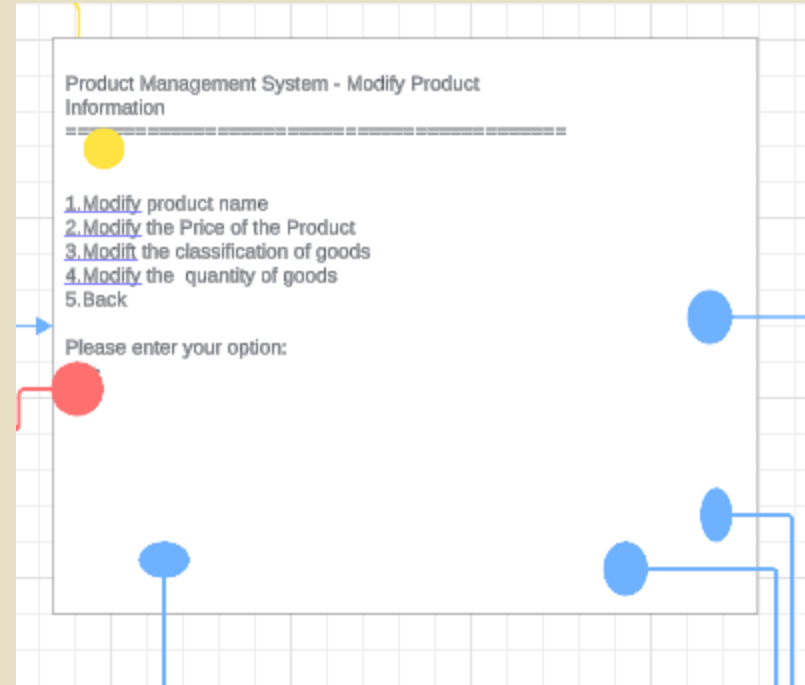
Support internal locus of control

In order to achieve this principle, we:
- Clear and intuitive interface

Simplified operating procedures for easy use

- Consistency

Uniform color layout and spacing reduce users' cognitive load

Product Management System - Modify Product Information
===
1. Modify product name
2. Modify the Price of the Product
3. Modift the classification of goods
4. Modify the quantity of goods
5. Back

Please enter your option:

Thank you