

Report of comp1002 group project (group18)

Group member: Tung Ka Kiu (22109403D), Tsoi Sin Ming (22081717D), Chuk Siu Chi (22079284D), Ting Kam Kei (22087494D)

Introduction:

Our group have chosen the topic 3 Restaurant Point-of-sale(POS) System. Our program will build up the basic restaurant ordering system.

Three txt:

- Menu (food name and price)
- Set (food name and price of set)
- Sale (date, time, food name and price of each sale)

Implementation:

- {}: dictionary (e.g. price_data, price_a, price_b)
- []: list (e.g. order_list, order_price)

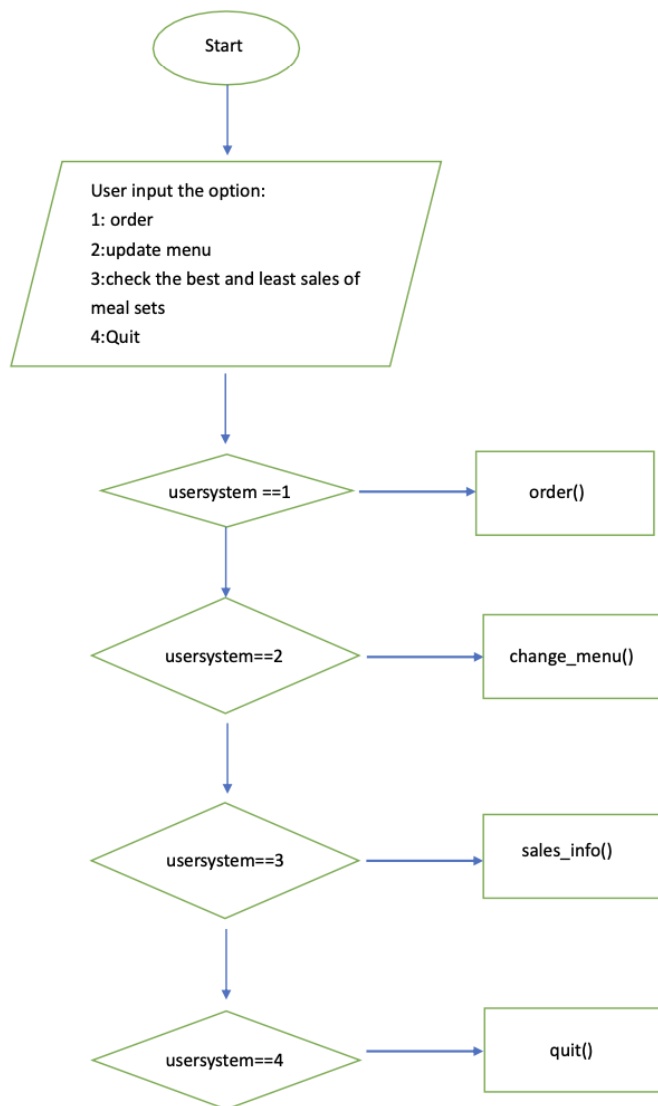
Extra function:

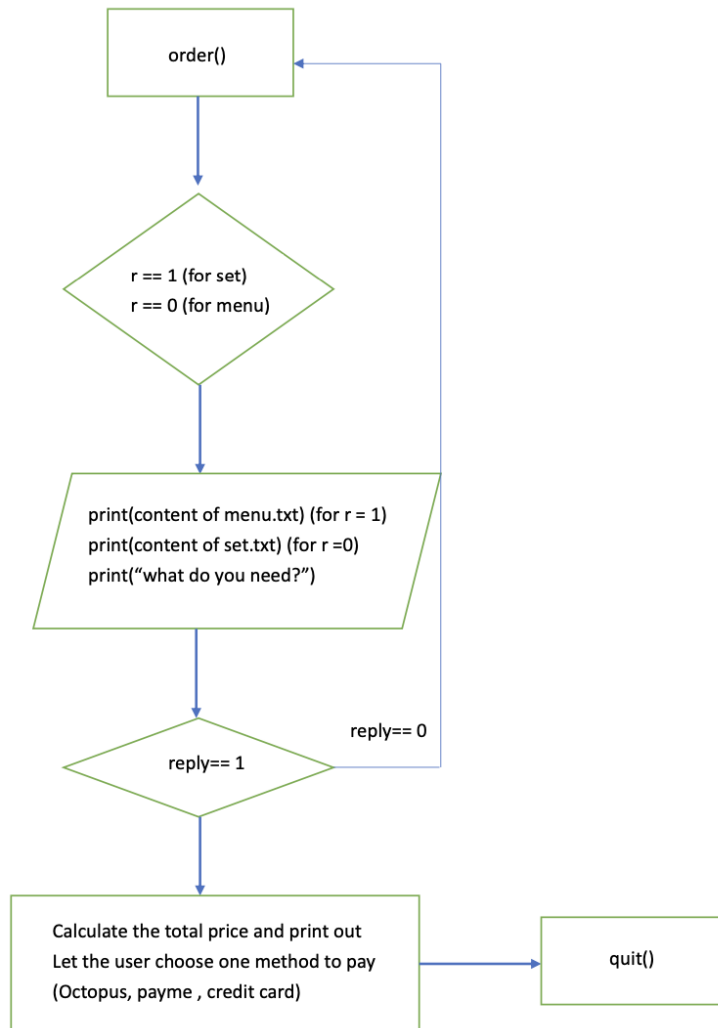
- Receipt function

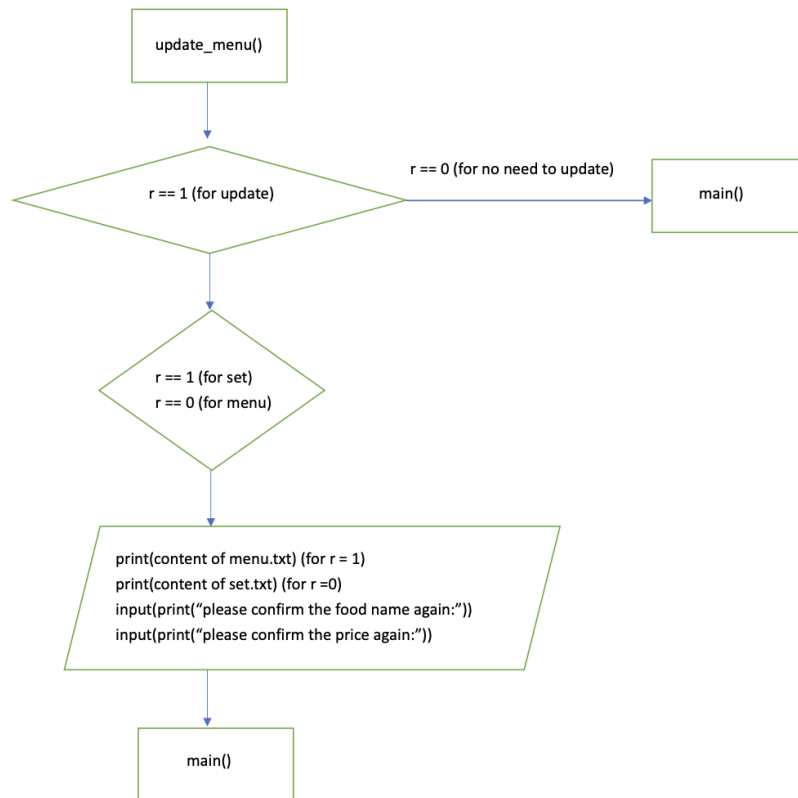
Objective:

- Create the ordering system and fulfill basic requirement
- Add an extra function(e.g receipt function)
- Learn to develop a program to solve daily-life problem

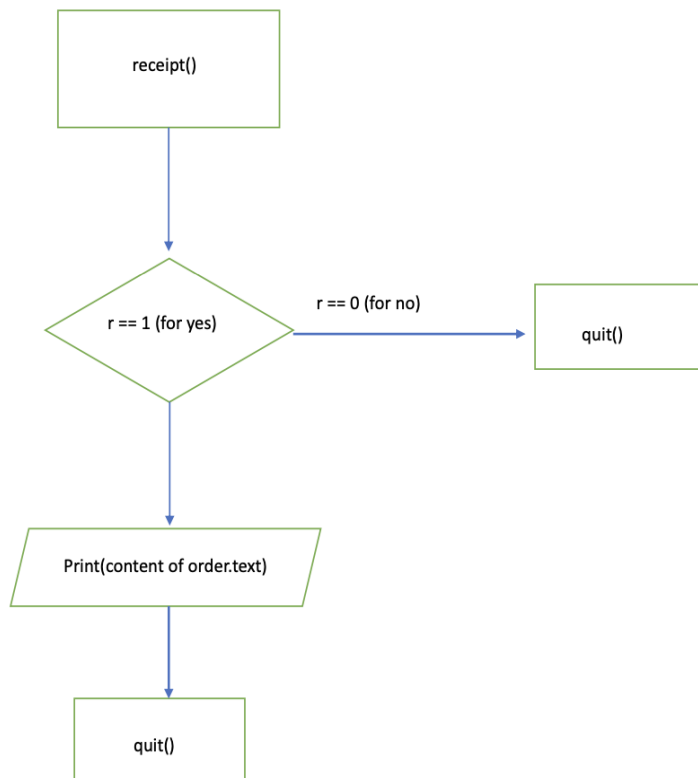
Flowchart:







Receipt function:



Output:

Welcome to Yummy Restaurant
--- A Project by Team 18 ---

```
-----
1 - order
2 - update menu
3 - check the best and least sales of meal sets
4 - Quit
Option: 1
Do you want to order a set or not(1 for set, 0 for menu)
1
Set:                                     Price:
Sushi + Pearl milk tea                 HK$43.00
Kung Pao Chicken + Soft drink          HK$38.00
Patatas bravas + Mr. Juice             HK$40.00
what do you need?
Patatas bravas + Mr. Juice             HK$40.00
please confirm the name of food again(e.g Sushi):
Patatas bravas + Mr. Juice
please confirm the price again(e.g 45.00):
40.00
Patatas bravas + Mr. Juice             HK$40.00
Do you want to order another items?(1 for yes , 0 for no)
1
what do you need?
Falafel                               HK$67.00
please confirm the name of food again(e.g Sushi):
Falafel
please confirm the price again(e.g 45.00):
67.00
Falafel                               HK$67.00
Do you want to order another items?(1 for yes , 0 for no)
0
```

HAPPY YUMMY RESTAURANT

```
=====
11/30/22 00:03:31  Patatas bravas + Mr. Juice      HK$40.00
11/30/22 00:03:31  Falafel                        HK$67.00
```

Total : \$ 107.0

Which payment do you use?(1:Octopus 2:Payme 3:Credit card)

```
1
please enter your balance:
500
your balance is 393.0
do you need a receipt?(1 for yes, 0 for no)
```

1

Here is the receipt:

HAPPY YUMMY RESTAURANT

```
=====
11/30/22 00:03:31  Patatas bravas + Mr. Juice      HK$40.00
11/30/22 00:03:31  Falafel                        HK$67.00
```

Total : \$107.0

Thankyou welcome

Validation:

It can show that the output example could match our initial design and fulfill the project requirement. The program can work properly.