AEON

AEON CAMBODIA CO.,LTD (L001-107016060)
AEON SEN SOK STORE, TEL: 023 998 061
SHOPPING HOURS: 09:00AM - 10:00PM

Product	Qty	Price	Total
2220556003129 MEAT BUFFET	0.312	10.00	3.12
2220556007721 MEAT BUFFET	0.772	10.00	7.72
2251498010007 SABA FISH	1	3.00	3.00

TOTAL: 13.84
RECEIVED(R): 14.63
KHR30,000.00 * 4100.00
CHANGE(R): 3,300.00

TOTAL NUMBER OF ITEM SOLD: 3
13/11/2022 12:21 01302 0320285
0298198 Neang Sreynai

TOTAL INCLUDED VAT
THANK YOU FOR YOUR PATRONAGE
PLEASE COME AGAIN

Receipt

A presentation by Group 7

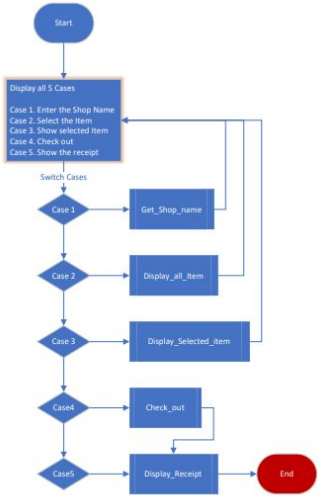
David Vireak Phanalis Kholine Phearon

Lecture: Yeu Ratha

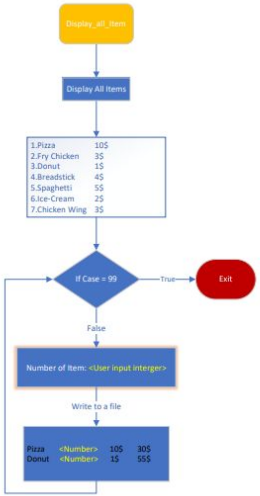
Role

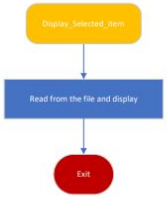
Kosalvireak	:	coder
David	:	slides maker
Nalis	:	Idea proposer
Phearon	:	Idea proposer
Khoeline	:	flowchart maker

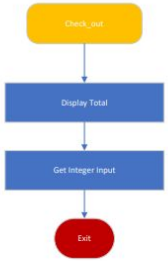
Flowchart

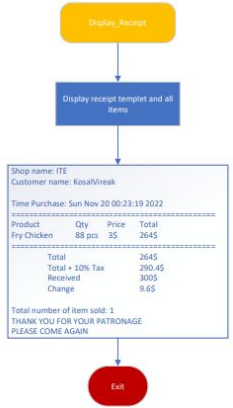

Start
Display all 5 Cases
Case 1. Enter the Shop Name
Case 2. Select the Item
Case 3. Show selected Item
Case 4. Check out
Case 5. Show the receipt
Switch Cases
Case 1
Get_Shop_name
Case 2
Display_all_Item
Case 3
Display_Selected_Item
Case4
Check_out
Case5
Display_Receipt
End

Get_Shop_name
Ask for Shop Title & Customer Name
Enter Your Shop Title: <User input string>
Enter Your Customer Name: <User input string>
Exit


Display_all_Item
Display All Items
1.Pizza 10$
2.Fry Chicken 3$
3.Donut 1$
4.Breadstick 4$
5.Spaghetti 5$
6.Ice-Cream 2$
7.Chicken Wing 3$
If Case = 99
True
Exit
False
Number of Item: <User input interger>
Write to a file
Pizza <Number> 10$ 30$
Donut <Number> 1$ 55$


Display_Selected_Item
Read from the file and display
Exit

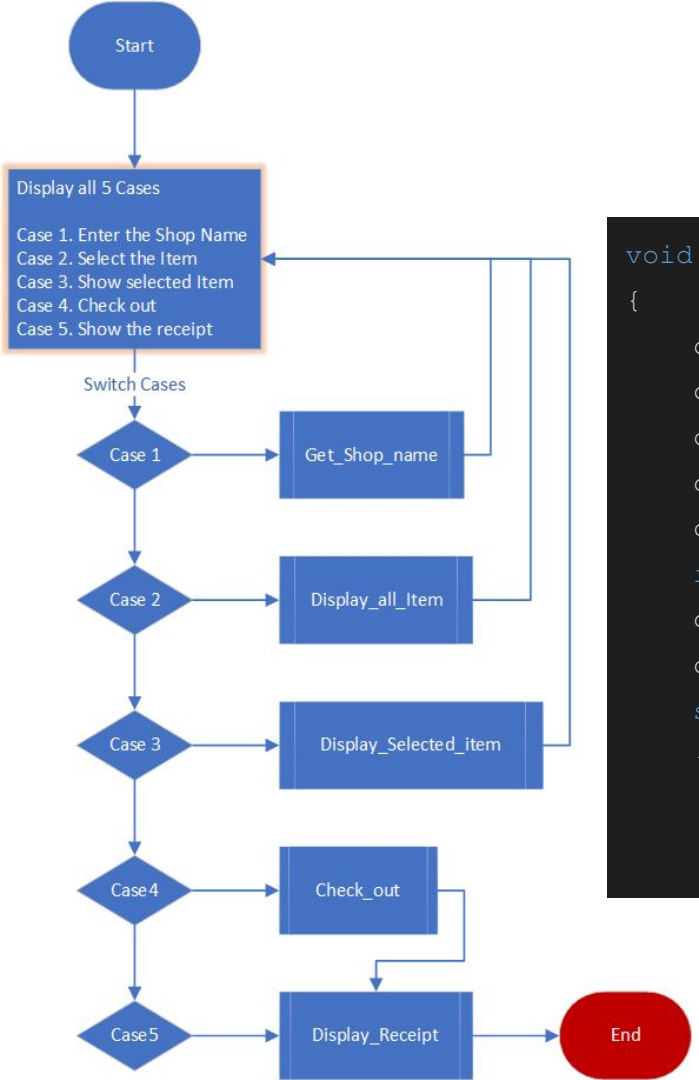

Check_out
Display Total
Get Integer Input
Exit


Display_Receipt
Display receipt templet and all items
Shop name: ITE
Customer name: KosalVireak
Time Purchase: Sun Nov 20 00:23:19 2022
Product Qty Price Total
Fry Chicken 88 pcs 3$ 264$
Total 264$
Total + 10% Tax 290.4$
Received 300$
Change 9.6$
Total number of item sold: 1
THANK YOU FOR YOUR PATRONAGE
PLEASE COME AGAIN
Exit

OOP usage

```
class Receipt
{
public:
      string Shop_Title = "ITE";
      string Customer_Name = "KosalVireak";
      string Pizza[2] = {"Pizza", "10"};
      string Fry_Chicken[2] = {"Fry Chicken", "3"};
      void Welcome_page(Receipt customer1);
      int Fun_take_num_of_item(string food_name);
      void Get_Shop_name(Receipt obj);
      void Display_allFood(Receipt obj);
      void Display_Selected_item(Receipt obj);
      void Display_Receipt(Receipt obj);
      void Welcome_page(Receipt customer1); };
int main()
{
    Receipt customer1;
    Welcome_page(customer1);
}
```

Demo



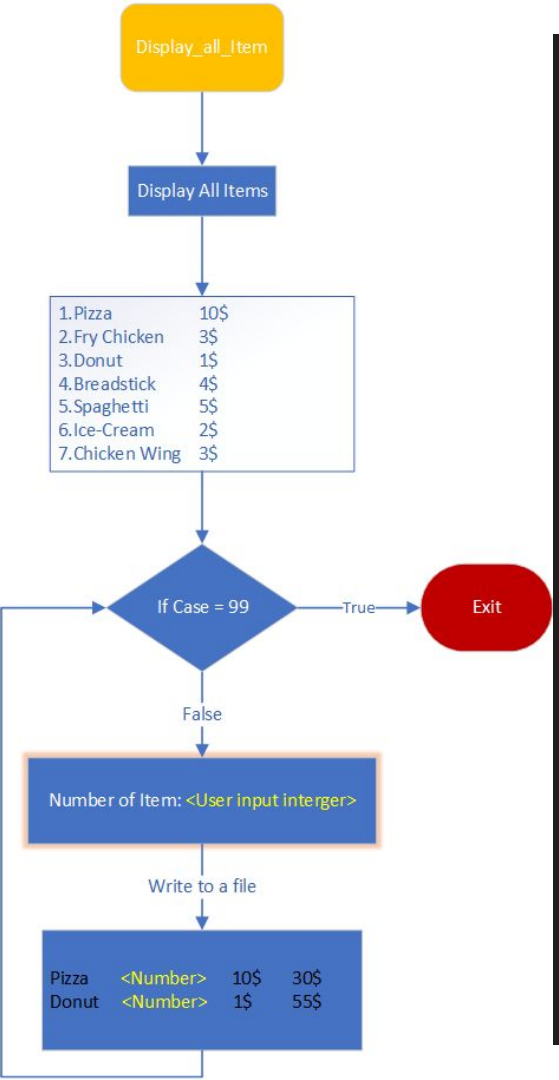

```
void Welcome_page(Receipt customer1)
{
    cout << "1 : Enter the Shop Name";
    cout << "2 : Select the Item" << endl;
    cout << "3 : Show selected Item";
    cout << "4 : Check out" << endl;
    cout << "5 : Show the receipt " << endl;
    int choice;
    cout << "Enter: ";
    cin >> choice;
    switch (choice)
    {    }};
```

```
Welcome to our System
-----------------------
1 : Enter the Shop Name
2 : Select the Item
3 : Show selected Item
4 : Check out
5 : Show the receipt
Enter:
```

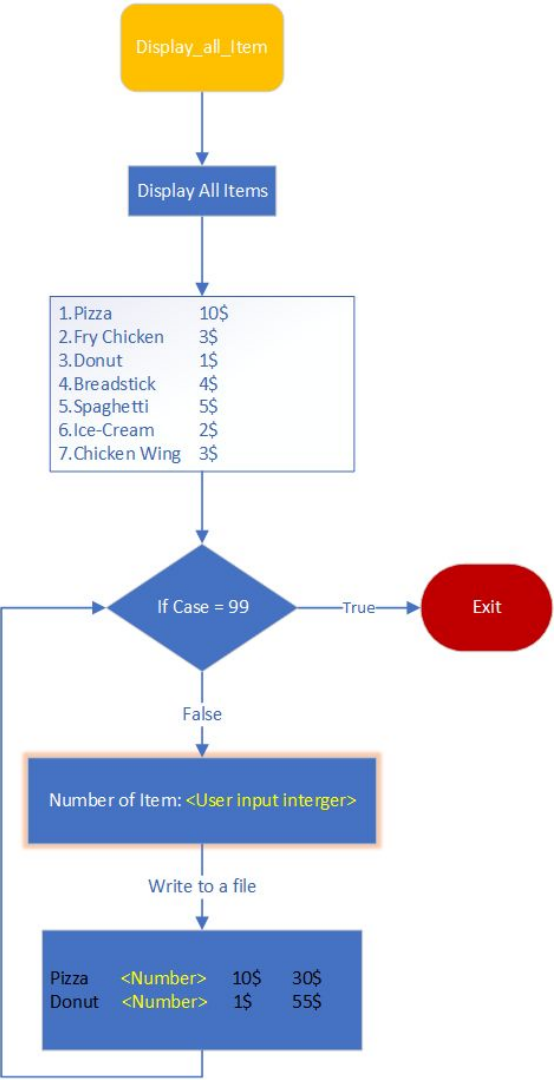
Demo

```
void Get_Shop_name(Receipt obj)
{
    cout << "Enter Your Shop Title: ";
    cin >> obj.Shop_Title;
    cout << "Enter Your Customer Name: ";
    cin >> obj.Customer_Name;
    Welcome_page(obj);
};
```

```
Enter: 1
Enter Your Shop Title: ITE
Enter Your Customer Name: Vireak
```

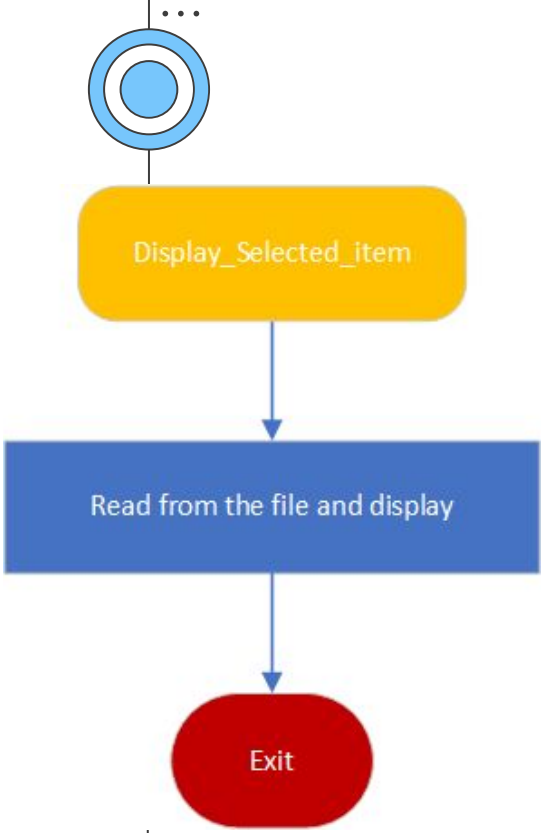



```
void Display_allFood(Receipt obj)
{
    ofstream MyWriteFile("save_receipt.txt");
    cout << "1." << obj.Pizza[0] << "          " << obj.Pizza[1] << "$";
    cout << "2." << obj.Fry_Chicken[0] << "    " << obj.Fry_Chicken[1] << "$";
    while (true)
    {
        cout << "Enter the index to choose the foods: ";
        cin >> add_item;
        switch (add_item)
        {
            case 1:
            Number1 = Fun_take_num_of_item("Pizza");
            MyWriteFile << obj.Pizza[0] << "     " << Number1 << " pcs"
                        << "       " << obj.Pizza[1] << "$"
                        << "        " << stoi(obj.Pizza[1]) * Number1 << "$";
            obj.Total_Price += stoi(obj.Pizza[1]) * Number1;
            Break;
        }
      }
```



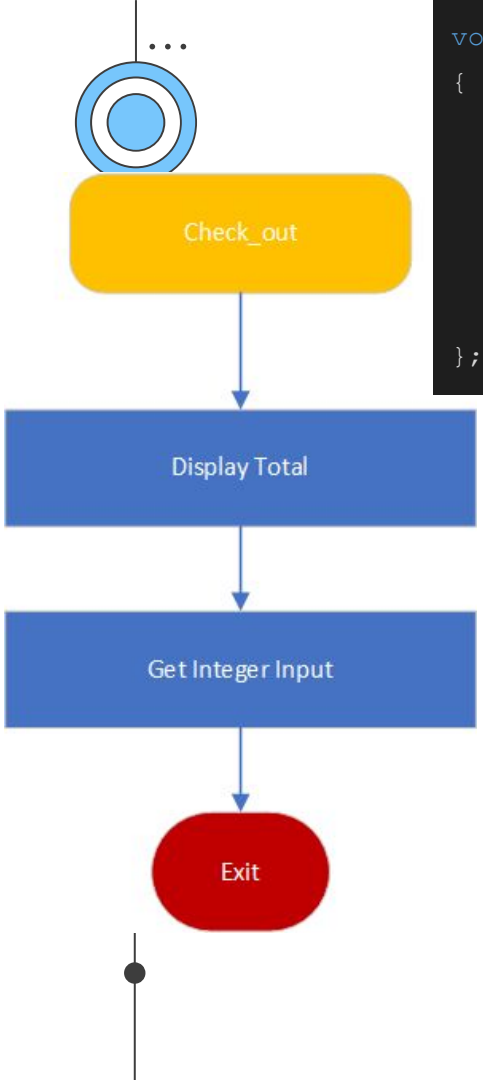

```
1.Pizza            10$
2.Fry Chicken      3$
3.Donut            1$
4.Breadstick       4$
5.Spaghetti        5$
6.Ice-Cream        2$
7.Chicken Wing     3$
99. Go back
Enter:
```

```
Enter: 2
Enter the index to choose the foods: 4
Enter Number of Breadstick: 5
Enter the index to choose the foods: 6
Enter Number of Ice-Cream: 3
Enter the index to choose the foods: 6
Enter Number of Ice-Cream: 1
```




```
void Display_Selected_item(Receipt obj)
{    string myText;
     ifstream  MyReadFile("save_receipt.txt");
     while (getline(MyReadFile, myText))
     {
          cout << myText << endl;
     }
     MyReadFile.close();
};
```

```
Enter: 3
Breadstick          5 pcs          4$          20$
Ice-Cream           3 pcs          2$          6$
Ice-Cream           1 pcs          2$          2$
-------------------------------------------------
```



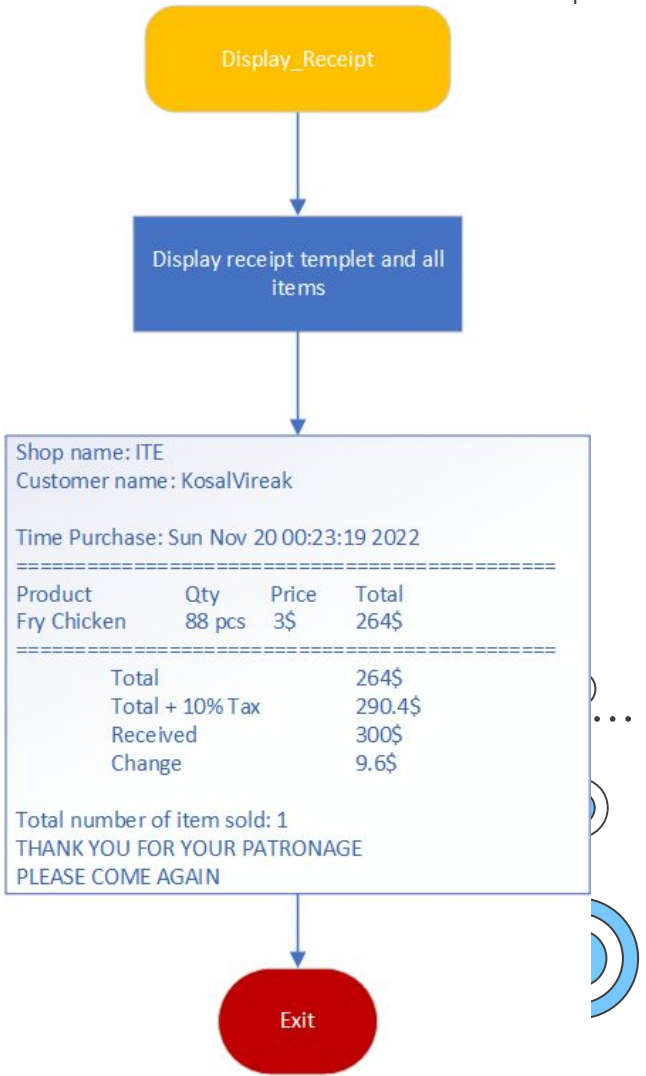

```
void Check_out(Receipt obj)
{
    system("Color 00");
    cout << "The total price include tax is: " << obj.Total_Price * 1.1 << "$" <<endl;
    cout << "Enter the Received amount in ($): ";
    cin >> obj.Received_amount;
    Display_Receipt(obj);
};
```

```
Enter: 4
The total price include tax is: 101.2$
Enter the Received amount in ($): 200
```

```
Enter: 4
Shop name: ITE
Customer name: KosalVireak

Time Purchase: Mon Nov 21 23:52:24 2022
================================================
Product           Qty          Price         Total
Breadstick         5 pcs        4$            20$
Ice-Cream          7 pcs        2$            14$
Ice-Cream          2 pcs        2$            4$
================================================
                   Total                      38$
                   Total + 10% Tax            41.8$
                   Received                   0$
                   Change
-41.8$

Total number of item sold: 3
THANK YOU FOR YOUR PATRONAGE
PLEASE COME AGAIN
```



AWESOME