



# SUPERMARKET BILLING SYSTEM

PROJECT

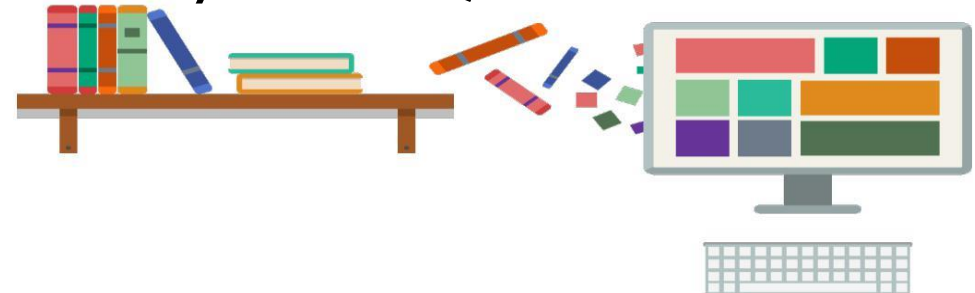
# INTRODUCTION



The project entitled SUPERMARKET BILLING SYSTEM is a pilot project which is implemented in C++ platform to make supermarket administration easy, save accurate records and time.



SUPERMARKET BILLING SYSTEM is a C++ program application to calculate how many products are sold and to generate the bill for the customer. This Program is mainly to Create Product, Display All Products, Query about the Product, Modify Product, Delete Product and View Product Menu.



# WORK FLOW

Work in the Supermarket will be done in the following way:

- ❖ The product will come in the store.
- ❖ The Administrator will enter the information of the product in database and price and discount available for each product.
- ❖ The customer will come and take the basket with him/her and choose the product and take it to the counter.
- ❖ The bill calculating operator will enter the product number then it will show its information and price and the bill will be calculated and total payment will shown.
- ❖ Customer will pay for the products.7. All the products will be packed and delivered to the customer.

# FEATURES OF THIS PROJECT



Introduction View



Main Menu



Place order when customer comes



Admin Menu



Create a new product



Display all the product list



Modify the product



Delete the product



Store the product in a file



Display a specific product



# OUTPUTS

```
MAIN MENU
01. CUSTOMER
02. ADMINISTRATOR
03. EXIT
Please Select Your Option (1-3)
```

Fig.7.1.2 Main Menu

Product MENU

=====

P.NO.	NAME	PRICE
1	amway	200
2	book	40
3	sunfeast	25

=====

PLACE YOUR ORDER

=====

Enter The Product No. Of The Product : \_

Fig.7.1.3 Customer Menu

ADMIN MENU

- 1.CREATE PRODUCT
- 2.DISPLAY ALL PRODUCTS
- 3.QUERY
- 4.MODIFY PRODUCT
- 5.DELETE PRODUCT
- 6.VIEW PRODUCT MENU
- 7.BACK TO MAIN MENU

Please Enter Your Choice (1-7)

Fig.7.1.4 Admin Menu

```
=====
1          amway          200
2          book           40
3          sunfeast       25

=====
PLACE YOUR ORDER
=====

Enter The Product No. Of The Product : 1
Quantity in number : 3
Do You Want To Order Another Product ? (y/n)y

Enter The Product No. Of The Product : 3
Quantity in number : 1
Do You Want To Order Another Product ? (y/n)n

Thank You For Placing The Order
```

Fig.7.1.5 Order

```
*****INVOICE*****

Pr No.  Pr Name  Quantity    Price  Amount  Amount after discount

1       amway    3          200    600      540
3       sunfeast  1          25     25       25

TOTAL = 565
```

Fig.7.1.6 Invoice

# CONCEPTS USED

- ❖ Classes
- ❖ Objects
- ❖ Files
- ❖ Pointers
- ❖ Functions





# ADVANTAGES OF SUPERMARKET BILLING SYSTEM

- ❖ The system reduces much of human efforts in calculating bill especially for huge products.
- ❖ Saves money and resources of organization and excludes of use of paper or sheets in making bill.
- ❖ It can save a lot of time standing in queue and human effort.
- ❖ It provides accuracy and faultless in billing calculations.
- ❖ It is flexible and user-friendly.



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