

# Supermarket Management System

P.Shashank 2019BCS044

B.Mahesh 2019BCS013





# Abstract

*This project is on super market billing and status of available inventory. Super market is a place where many customers visit and buy things they need So, there will be a need to know the statistics of items sold and profit made.*

*The objective of this project is to make a software to handle inventory and calculate bill using Object Oriented Programming in C++.*



# Objectives

*This project software has the following Objectives:*

- 1. Error reduction*
- 2. Processing cost reduction*
- 3. Flexibility*
- 4. Reduction in man power*

-----Welcome to Supermarket management System-----

Here is the list of things you can do

\*\*\*\*ADMIN ACCESS\*\*\*\*

- 1.Add a new product
- 2.Stop selling a product
- 3.Update a product

\*\*\*\*NORMAL ACCESS\*\*\*\*

- 4.View product details
- 5.Make a bill
- 6.View Sales
- 7.EXIT

Enter Your Choice:



# 1.Add New Product

- > Enter your choice number as 1
- > To add a product we need to enter admin password (Super123)
- > Then Enter Product name, price, discount and expiry date.
- > In the same way add some products that are available in the super market.

Enter Your Choice: 1

Enter admin password: #####

Name of product: milkpacket

Price of product: 30

Today's Discount: 2

Expiry of product(DD/MM/YYYY): 23/3/2022

--->Product Added!!

Enter Your Choice: 1

Enter admin password: #####

Name of product: sprite

Price of product: 35

Today's Discount: 0

Expiry of product(DD/MM/YYYY): 23/4/2021

--->Product Added!!

Enter Your Choice: 1

Enter admin password: #####

Name of product: biscuit

Price of product: 20

Today's Discount: 3

Expiry of product(DD/MM/YYYY): 27/5/2021

--->Product Added!!

## 2.Delete a product

- > Enter your choice number as 2
- > To delete a product we need to enter admin password(Super123)
- > Enter name of product you want to stop selling
- > The product will be deleted

Enter Your Choice: 2

Enter admin password: #####

Enter the name of product you want stop selling: biscuit

--->Product Deleted!!

Enter Your Choice:





## 3.Update a product

- > Enter your choice number as 3
- > To update a product we need to enter admin password(Super123)
- > Enter name of product you want to update
- > Then you will have a menu to update the specified product

Enter Your Choice: 3

Enter admin password: #####

Enter the name of product you want update: sprite

1.Price

2.Discount

Select the quantity you want to change: 1

Enter new price: 40

--->Product Updated!!

Enter Your Choice:



## 4.View Product details

- > Enter your choice number as 4
- > You will have two choices of viewing products
  - View all products
  - View specific product
- > For specific product option you will be promoted to enter the name of product you want to view

Enter Your Choice: 4

- 1.Show all products
- 2.Show specific product2

Enter the name of product you want to view: sprite

Name of product: sprite  
Price of product: 40  
Today's Discount: 0  
Expiry of product: 23/4/2021

Enter Your Choice: 4

- 1.Show all products
- 2.Show specific product1

Name of product: milkpacket  
Price of product: 30  
Today's Discount: 2  
Expiry of product: 23/3/2022  
Name of product: sprite  
Price of product: 40  
Today's Discount: 0  
Expiry of product: 23/4/2021



## 5.Make a bill

- > Enter your choice number as 5
- > You will have a menu with four options namely
  - Add item to cart
  - Remove item from cart
  - Discard cart
  - Checkout



## 5. Make a bill

- > Add a cart is used to add an item to cart using it's name
- > Remove from cart is used to delete an item from cart using it's name
- > Discard cart will discard the current cart
- > Checkout is used to calculate the bill

Enter Your Choice: 5

- 1.Add item to cart
- 2.Remove item from cart
- 3.Discard cart
- 4.Checkout

Enter choice: 1

Enter the name of product you want add to cart: milkpacket

--->Product Added!!

Enter choice: 1

Enter the name of product you want add to cart: sprite

--->Product Added!!

Enter choice: 2

Enter the name of product you want to remove from cart: sprite

--->Product Removed!!

Enter choice:

4

Your cart bill is: 28



## **6.View Sales**

-> This is used to view all the sales done in the supermarket

## **7.Exit**

-> This is used to exit the supermarket management system



Enter Your Choice: 6

Name of product: milkpacket

Price of product: 30

Today's Discount: 2

Expiry of product: 23/3/2022

Enter Your Choice: 7

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Process exited after 2630 seconds with return value 0

Press any key to continue . . .