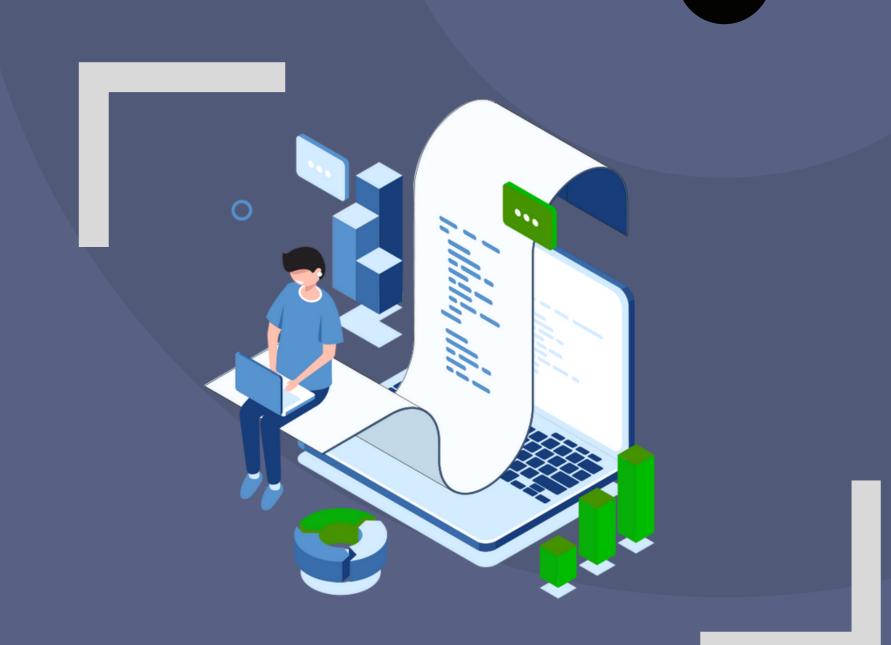
REPORT



Sathyabama Institute of Science and Technology

Trained by: FacePrep

• • • •

PROJECTIILE





TEAM MEMBERS

VVKRAVICHANDRA

REG NO:- 41111392

BRANCH:- CSE

Batch:Dream Batch

SECTION:-FA03

G MANISH MOHAN

REG NO:- 41110775

BRANCH:- CSE

Batch:Dream Batch

SECTION:-FA03

RAYUDU YESWANTH KUMAR

REG NO:- 41130454

BRANCH:- ECE

Batch:Dream Batch

SECTION:-FA03

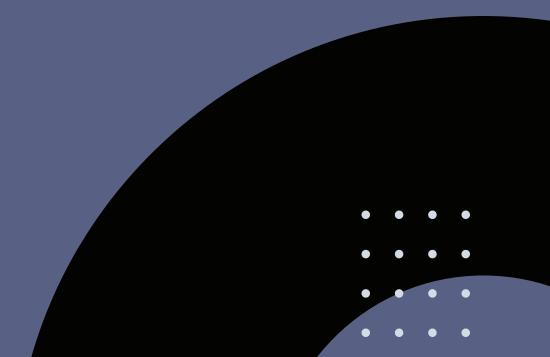
V HEMANTH

REG NO:- 41111402

BRANCH:- CSE

Batch:Dream Batch

SECTION:-FA03



Introduction:



- Welcome to the presentation on the Supermarket Billing System implemented using Java.
- In today's digital age, efficient and accurate billing systems are crucial for the smooth operation of supermarkets and retail stores.
- Our project aims to provide a robust solution for automating the billing process in supermarkets, enhancing accuracy, speed, and customer satisfaction.
- The Supermarket Billing System using Java is a comprehensive software solution designed to modernize and optimize the billing process within a supermarket or retail environment.
- This project aims to revolutionize traditional manual billing methods by introducing automation, accuracy, and efficiency through innovative software technologies.

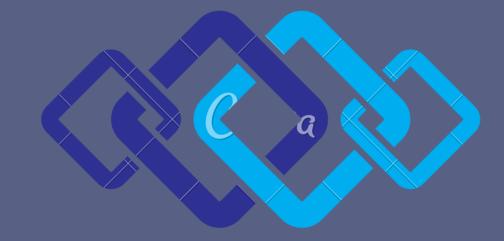


Project Overview

- The Supermarket Billing System is a Java-based application designed to streamline the billing process in supermarkets.
- It offers a user-friendly interface for both cashiers and customers, ensuring a seamless checkout experience.
- Our system efficiently manages inventory, calculates bills, and generates receipts, reducing manual errors and saving time.

Methods used in program

- add_to_menu(List<Item> li, String na, double pr)
 this method to add new items to the menu
- getCartItems()
 used to retrive cart items
- calculateTotal() calculate total for the recipt
- addItem(Item item, int quantity)
 to add items to the cart by the customer
- getName() retrive name from item object
- getPrice()
 retrive price from item



 If total >= 500 then 20% percent will be decreased from the total amount

Code Snippets

Coded in Eclipse

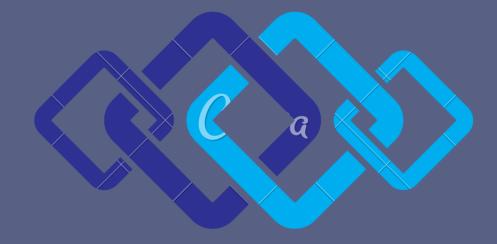
```
jablic double calculateTota() {
    double total = 0;
    for (Map.EntryCitem, Integer> entry : cart.entrySet()) {
        Item item = entry.getKey();
        int quantity = entry.getValue();
        total += item.getPrice() * quantity;
    }
    return total;
    }
    public Map<Item, Integer> getCartItems() {
        return cart;
    }
    public Map<Item, Integer> getCartItems() {
        return cart;
    }
    int quantity = entry.getValue();
    return cart;
    }
    int quantity = entry.getCartItems() {
        return cart;
    }
    int quantity = entry.getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry integer> getCartItems() {
        return cart;
    }
    int quantity = entry.getCartItems() {
        return cart;
    int quantity = entry.getCartI
```



Output Snippets

Output in console

```
🔐 Problems @ Javadoc 💁 Declaration 📮 Console X
SupermarketBillingSystem [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (22-Mar-
Welcome to the Supermarket Billing System!
1.Shopper Dashboard
2.Customer Dashboard
0 to exit
Add To Menu:
Enter Item name:
Enter Price:
1.Shopper Dashboard
2.Customer Dashboard
0 to exit
Available Items:
1. DragonFruit - Rs 150.0
2. Toys - Rs 100.0
3. DairyMilkSilk - Rs 80.0
4. MilkPackeet - Rs 30.0
5. Bread - Rs 40.0
6. apple - Rs 50.0
0. Checkout
Enter the item number to add to cart (or 0 to checkout): 1
Enter the quantity: 3
3 DragonFruit(s) added to cart.
CART ITEMS:
DragonFruit 3
Available Items:
1. DragonFruit - Rs 150.0
2. Toys - Rs 100.0
3. DairyMilkSilk - Rs 80.0
4. MilkPackeet - Rs 30.0
5. Bread - Rs 40.0
6. apple - Rs 50.0
0. Checkout
Enter the item number to add to cart (or 0 to checkout): 6
Enter the quantity: 4
4 apple(s) added to cart.
```



```
🔐 Problems @ Javadoc 🔼 Declaration 🗏 Console 🗵
SupermarketBillingSystem [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (22
Available Items:
1. DragonFruit - Rs 150.0
2. Toys - Rs 100.0
3. DairyMilkSilk - Rs 80.0
4. MilkPackeet - Rs 30.0
5. Bread - Rs 40.0
6. apple - Rs 50.0
0. Checkout
Enter the item number to add to cart (or 0 to checkout): 6
Enter the quantity: 4
4 apple(s) added to cart.
CART ITEMS:
apple 4
DragonFruit 3
Available Items:
1. DragonFruit - Rs 150.0
2. Toys - Rs 100.0
3. DairyMilkSilk - Rs 80.0
4. MilkPackeet - Rs 30.0
5. Bread - Rs 40.0
6. apple - Rs 50.0
0. Checkout
Enter the item number to add to cart (or 0 to checkout): 0
Receipt:
                 Rs 200.0
apple 4
DragonFruit 3 Rs 450.0
Total
                Rs 650.0
*DISCOUNT*
                Rs 520.0
Total
1.Shopper Dashboard
2.Customer Dashboard
0 to exit
```

Conclusion:

- The Supermarket Billing System offers an efficient and reliable solution for managing billing processes in supermarkets.
- This Supermarket Billing System demonstrates the power of Java in creating efficient and user-friendly applications.
- It simplifies billing processes and paves the way for further functionalities, contributing to a more streamlined supermarket experience.

Thankyou