

Tushi Groceries

Everyday Shopping Destination

Group 5



Present to:



**Md. Sefatullah
Sadek**

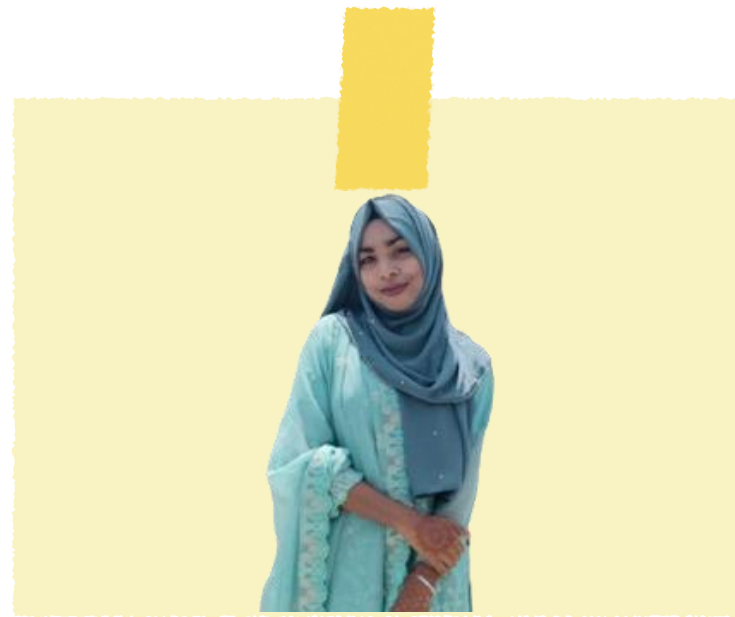
Lecturer
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TEAM Members



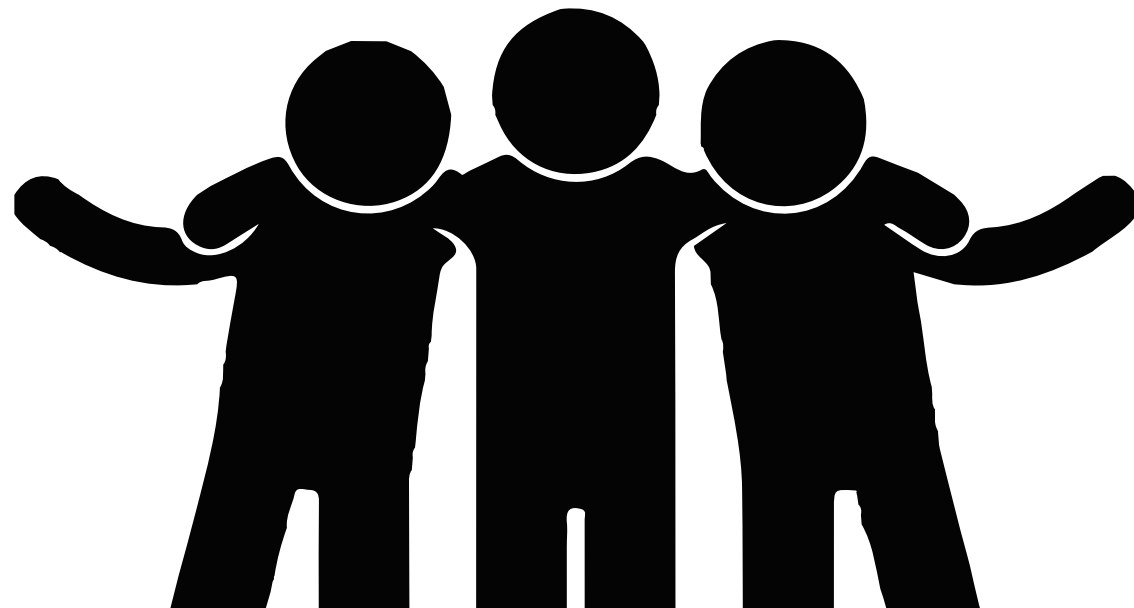
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Presented

BY

Overview

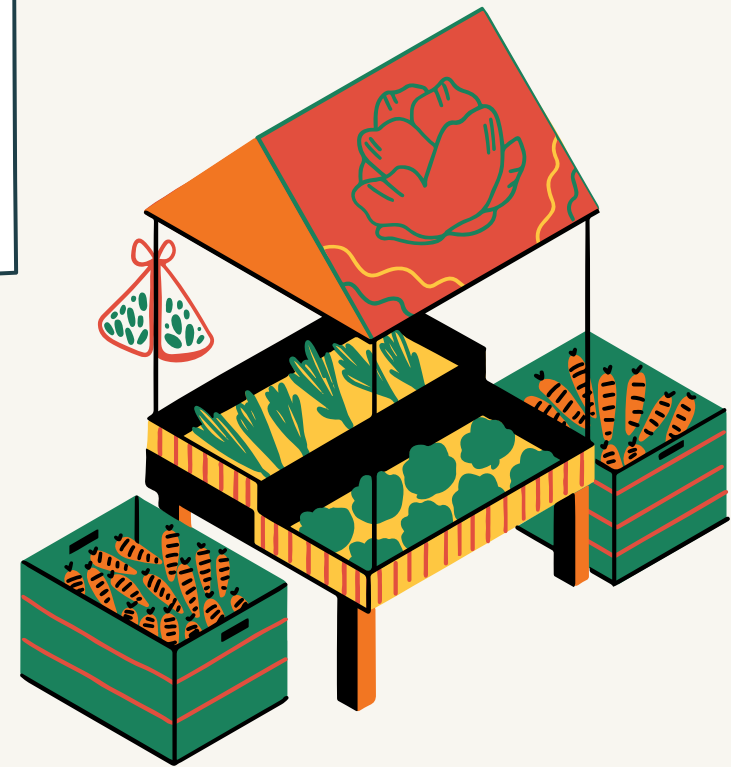
A Grocery Shop Management System is a tool designed to simplify and automate the operations of a grocery store. It helps manage inventory, process billing, track sales, and enhance customer service efficiently. By using this system, shop owners can save time, reduce manual errors, and improve their business performance.



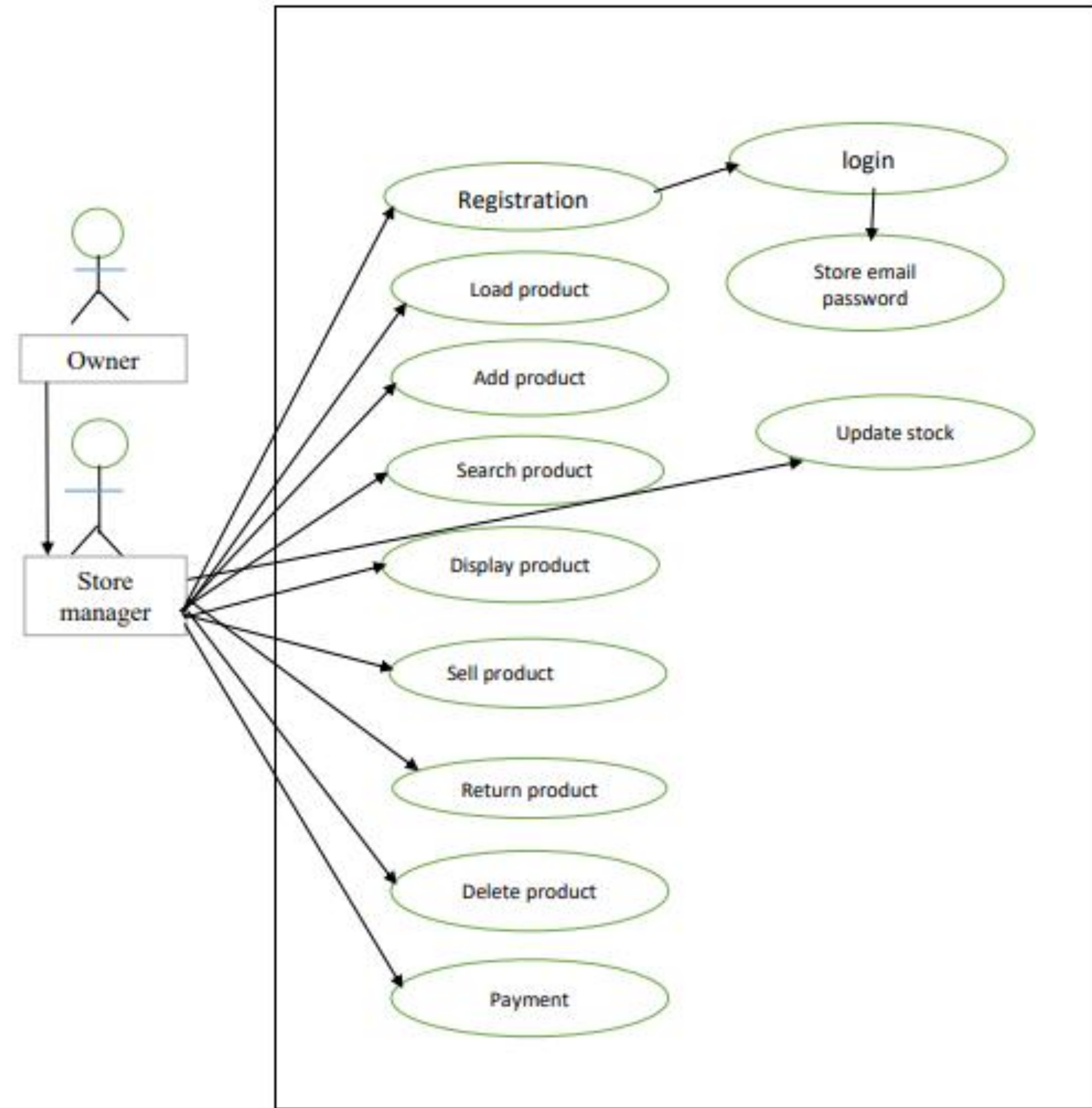
Stakeholders

Owner

**Store
Manager**



Use Case Diagram



Functionalities

Welcome

Welcome to Tushi Groceries. User can select if he wants o register or login.

```
WELCOME TO
.....
Tushi Groceries
.....
HERE YOU FIND BEST PRODUCT IN REASONABLE PRICE!!
.....

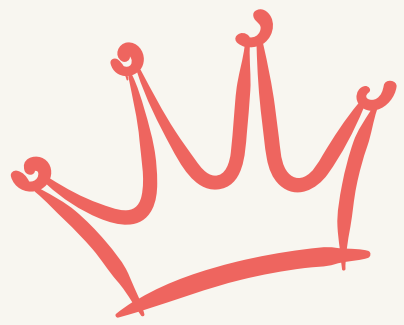
Current Time : Tue Dec  3 03:09:38 2024
.....

***** Welcome to Tushi Groceries System *****

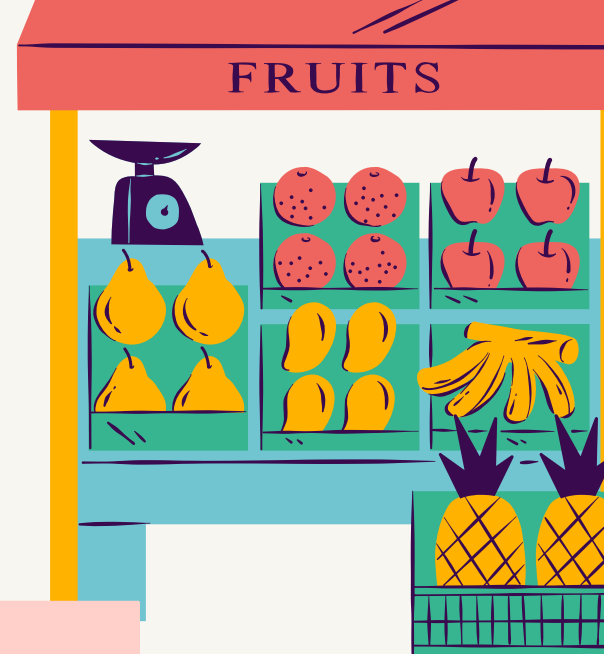
Choose an option:
[1] Register
[2] Login
[3] Exit

Your choice:
```





Functionalities



Register & Login

New users create an account by registering to maintain future activity.
Old user just Login by the email and password to manage the store.

***** REGISTER *****

Full Name: Chingchon Yung

Email Address: chionchon@gmail.com

Enter Phone Number: 017000001111

The password must contain at least 8 characters, including uppercase, lowercase, digit, and special character.

Enter password: *****

Registration Successful!

***** LOG IN *****

Email Address: chionchon@gmail.com

Enter password: *****

Functionalities

Menu

Here All the functionalities are available to manage. User just have select and manage.

```
***** Welcome to Tushi Groceries System *****
```

```
Enter [1] To Add Product
```

```
Enter [2] To Search Product
```

```
Enter [3] To Display Product
```

```
Enter [4] To Sell Product
```

```
Enter [5] To Update Stock
```

```
Enter [6] To Track Sales
```

```
Enter [7] To Delete Product
```

```
Enter [8] To Return Product
```

```
Enter [9] To Exit
```

```
Enter your choice [1-9]: █
```

Functionalities

Add Product

Prompts user for product details and add new products to the inventory.

```
Enter product name: Apple
Enter category: Fruit
Enter buy price: 160
Enter sell price: 195
Enter stock quantity: 112
Product added successfully!
```

```
Press Enter to return to the main menu, or any other key to add another product...
█
```

Search Product

Finds product by name or category.

```
Enter product name or category to search: Apple
Search Results:
Name: Apple
Category: Fruit
Sell Price: 195.00
Stock: 112
```

```
Press any key to return to the main menu...
█
```



Functionalities

Display Product

Display all inventory details.

Product Inventory:

```
1. Name: Apple
   Category: Fruit
   Buy Price: 160.00
   Sell Price: 195.00
   Stock: 112
2. Name: Orange
   Category: Fruit
   Buy Price: 130.00
   Sell Price: 150.00
   Stock: 68
3. Name: Biscuit
   Category: Dry Food
   Buy Price: 20.00
   Sell Price: 30.00
   Stock: 45
```

Press any key to go back to the main menu...

Sell Product

Sells a product and calculates profit and print receipt.

```
Enter product name to sell: Apple
Enter quantity to sell: 8
Enter customer phone number: 01900011122
Select payment method:
1. Cash
2. Card
3. Mobile Payment
Enter your choice: 1
```

```
----- RECEIPT -----
Product Name      : Apple
Quantity Sold     : 8
Price per Unit    : 195.00
Total Price       : 1560.00
Payment Method    : Cash
Customer Contact  : 01900011122
```

Press any key to return to the menu...



Functionalities

Track Sales

Display total sales and profit.

```
***** SALES REPORT *****
Total Profit: 406.00

----- Sales Breakdown -----
Product: Apple      | Sold: 8 | Profit: 280.00
Product: Orange     | Sold: 4 | Profit: 80.00
Product: Biscuit     | Sold: 2 | Profit: 20.00

----- Payment Method Breakdown -----
Cash Payments: 1578
Cash Payments Count: 1

Card Payments: 635
Card Payments Count: 1

Mobile Payments: 60
Mobile Payments Count: 1

Total Sales Count: 5
Total Sales Transactions: 2273

Press any key to go back to the main menu...
```

Update Stock

Updates stock for existing products.

```
Enter product name to update: Apple
Enter quantity to add: 3

Updated stock quantity for Apple = 107

Press any key to return to the menu...
```

Functionalities

Delete Product

Delete a specific product by name.

```
Enter product name to delete: Orange
Product 'Orange' deleted successfully!

Press any key to go back to the main menu...
```

```
Product Inventory:
1. Name: Apple
   Category: Fruit
   Buy Price: 160.00
   Sell Price: 195.00
   Stock: 107
2. Name: Biscuit
   Category: Dry Food
   Buy Price: 20.00
   Sell Price: 30.00
   Stock: 43
```

```
Press any key to go back to the main menu...
```

Return Product

Handles product returns and adjusts inventory.

```
Enter product name to return: Apple
Enter quantity to return: 5
```

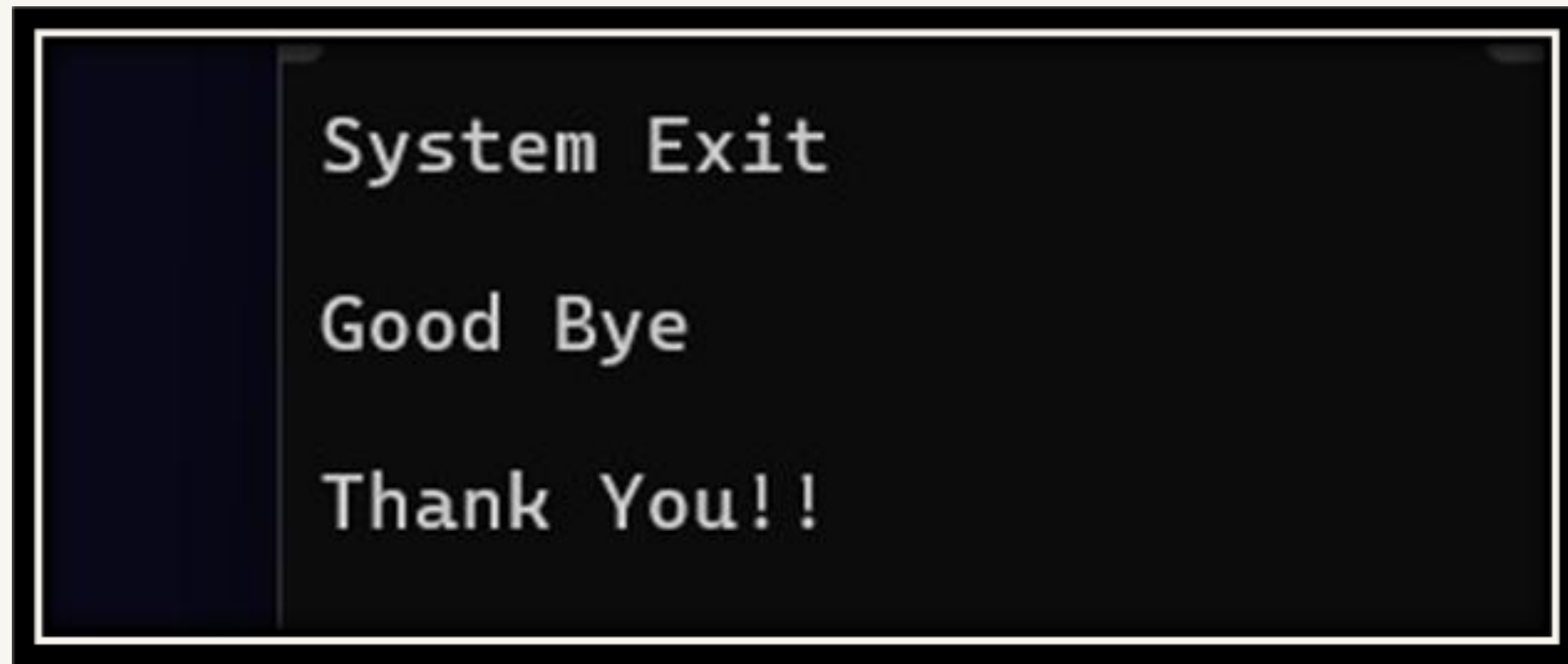
```
Returned 5 units of 'Apple'.
Updated stock: 112
```

```
Press any key to return to the menu...
```



Exit

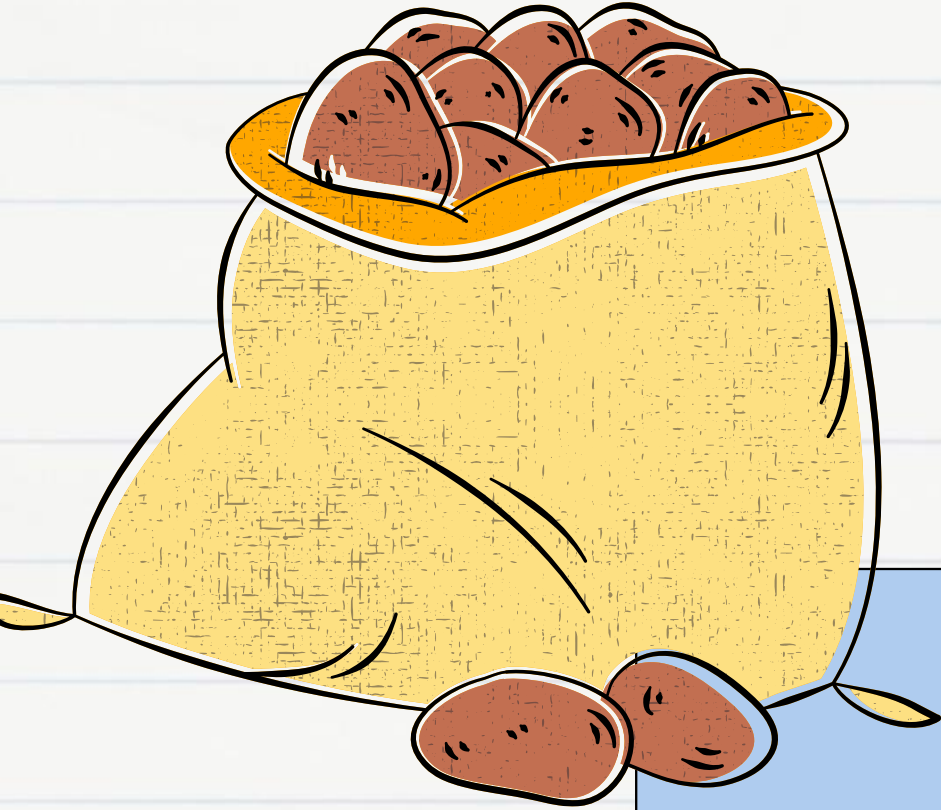
Save all product and exit.



Conclusion

A Grocery Shop Management System streamlines operations, boosts efficiency, and improves customer service. By automating tasks like inventory tracking, billing, and sales analysis, it minimizes errors, saves time, and supports the growth and success of grocery stores in a competitive market.





Project Showcase

Let's move to the project-----



THANK YOU

Any Questions ?

