

Grocery Management System

Java Project (Batch-33)



Team Members

- Prajapati Yash P. (20162121023)
- Prajapati Nitin A. (20162121022)
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Software Specification

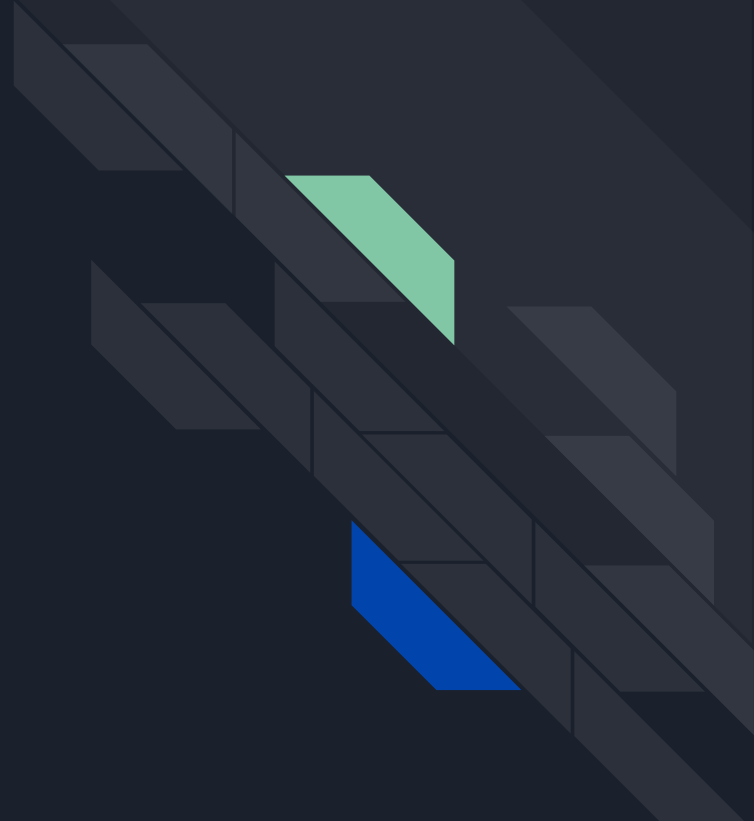
1. Introduction
2. Overall Description: -
 - a. Grocery Management
 - i. Administrator
 1. Create Item
 2. Display All Products
 3. Modify Product
 4. Delete Product
 5. Back to Main Menu
 - ii. Customer
 1. Place Order
 2. Exit

- **Recommended System Requirements**

- CPU: Intel i3 or more
- Hard Disk: 60GB or more
- Ram: 2GB or more

- **Recommended Software Requirements**

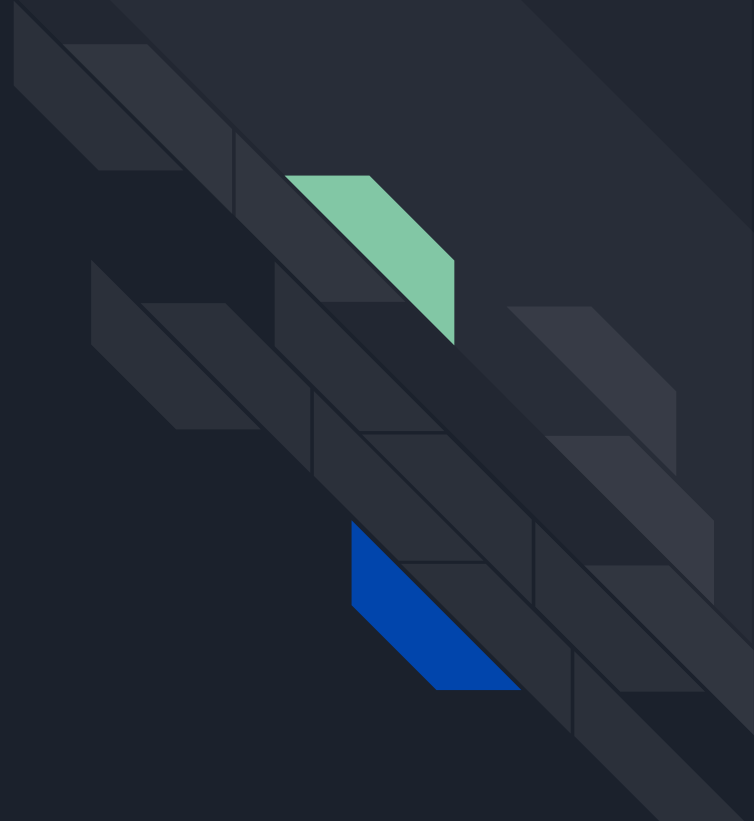
- OS: Windows 7 or more
- Platform: JDK 12 or more



Flowchart

- For Flowchart, click on button below...

Click Here



Screenshots





Main Menu

Project Name : Grocery Management System

Made By:

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MENU

1. Administrator
2. Customer
3. Exit

Enter Your Choice:

Choice -> (1) Admin Menu

ADMINISTRATION

1. Create Product
2. Display All Products
3. Modify Product
4. Delete Product
5. Back To Main Menu

Enter Your Choice:

Choice -> (1) Create Product

CREATE PRODUCT

Enter the number of product you want to enter: 3

Enter PID for 1 product: 101

Enter NAME for 1 product: Tomato

Enter PRICE for 1 product: 30

Enter PID for 2 product: 102

Enter NAME for 2 product: Potato

Enter PRICE for 2 product: 50

Enter PID for 3 product: 103

Enter NAME for 3 product: Guava

Enter PRICE for 3 product: 100

Choice -> (2) Display All Products

MENU

Product ID	Product Name	Price
101	Tomato	30.0
102	Potato	50.0
103	Guava	100.0

ADMINISTRATION

1. Create Product
2. Display All Products
3. Modify Product
4. Delete Product
5. Back To Main Menu

Enter Your Choice:

Choice -> (3) Modify Product

MENU		
Product ID	Product Name	Price
101	Tomato	30.0
102	Potato	50.0
103	Guava	100.0
Enter the Product ID(PID) which you want to modify: 102		
Enter New Name for Potato : Chilly		
Enter New Price for Chilly : 70		
DATA MODIFIED !!!		
MENU		
Product ID	Product Name	Price
101	Tomato	30.0
102	Chilly	70.0
103	Guava	100.0

Choice -> (4) Delete Product

MENU

Product ID	Product Name	Price
101	Tomato	30.0
102	Chilly	70.0
103	Guava	100.0

Enter the Product ID(PID) which you want to delete: 101

Tomato Deleted Successfully!!

Choice -> (2) Customer

MENU

Product ID	Product Name	Price
101	Potato	50.0
102	Onion	80.0
103	Chilly	70.0
104	Mango	100.0
105	Apple	90.0

Enter the PID of product you want to buy:

- Entering product info that customer wants to buy...

Enter the PID of product you want to buy: 101

Enter the quantity of product: 2

Do You Want To Order Another Product ? (y/n) y

Enter the PID of product you want to buy: 105

Enter the quantity of product: 3

Do You Want To Order Another Product ? (y/n) y

Enter the PID of product you want to buy: 103

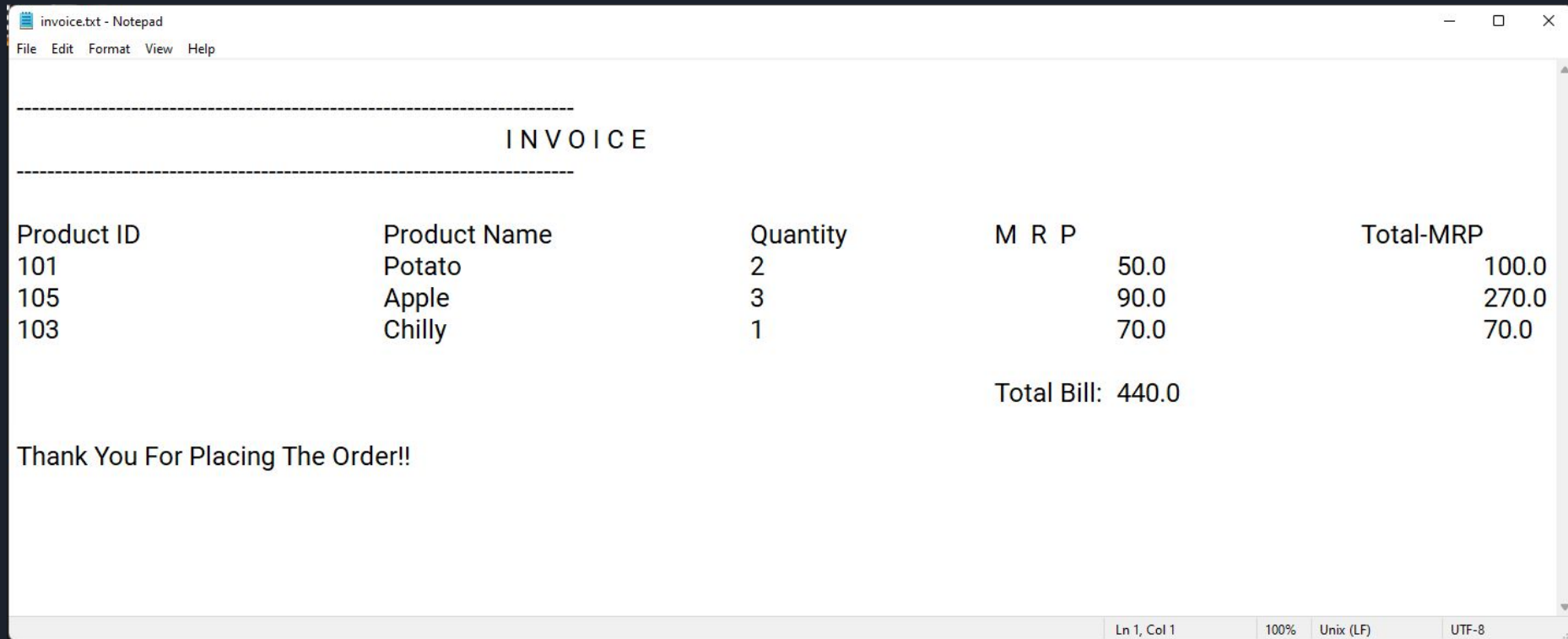
Enter the quantity of product: 1

Do You Want To Order Another Product ? (y/n) n

- Final INVOICE for customer displayed.

```
-----  
I N V O I C E  
-----  
  
Product ID      Product Name      Quantity      M R P      Total-MRP  
101             Potato            2             50.0       100.0  
105             Apple             3             90.0       270.0  
103             Chilly            1             70.0       70.0  
  
Total Bill:      440.0  
  
Thank You For Placing The Order!!  
  
PS C:\Users\admin\Google Drive\B-Tech\SEM-3\OOP\OOP_Project\Final Project> █
```

- Final invoice for customer in “invoice.txt” to print.



```
invoice.txt - Notepad
File Edit Format View Help

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                          I N V O I C E
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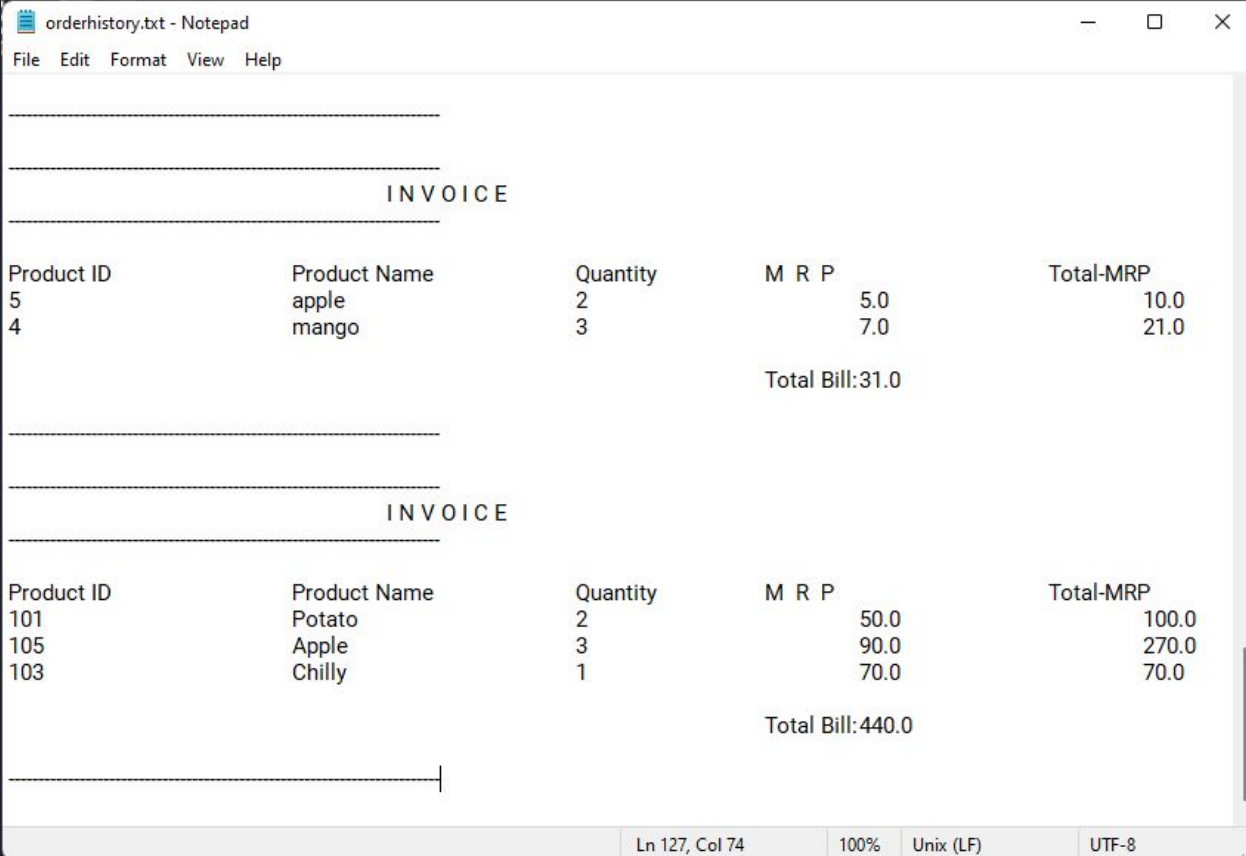
Product ID      Product Name      Quantity      M R P      Total-MRP
101             Potato             2             50.0       100.0
105             Apple              3             90.0       270.0
103             Chilly              1             70.0       70.0

                          Total Bill: 440.0

Thank You For Placing The Order!!

Ln 1, Col 1      100%      Unix (LF)      UTF-8
```


- All the records of purchase for Admin Department in “orderhistory.txt”



orderhistory.txt - Notepad

File Edit Format View Help

I N V O I C E

Product ID	Product Name	Quantity	M R P	Total-MRP
5	apple	2	5.0	10.0
4	mango	3	7.0	21.0
Total Bill:31.0				

I N V O I C E

Product ID	Product Name	Quantity	M R P	Total-MRP
101	Potato	2	50.0	100.0
105	Apple	3	90.0	270.0
103	Chilly	1	70.0	70.0
Total Bill:440.0				

Ln 127, Col 74 100% Unix (LF) UTF-8



Future Enhancement

- Implementation of Database (JDBC)
- Adding GUI for more interactive user experience
- Hosting our program as a Web Application
- Adding login features for Admin and User



Thank You!