



A

PROJECT REPORT ON

BILLING SYSTEM

SUBMITTED BY

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Introduction:

Our project explains about Billing Management System. The main objective of the Java Project on Billing System is to manage the details of Items. The Project is based on the concept of calculating the total bill & the end generating the invoice of the customer. Talking about the project, it contains less but important features. A user can select any category, CRUD operations before calculating the bill.

Our project includes some Modules:

- **Bill Module**
- **Product Module**

We have developed this application in Java. It's a pure Console based application.

The main feature of the project is to make Billing easier and manage items in easier way.

Bill Module: -

In this module, user will get the GUI at the starting the project. The customer first has to enter his name and after which he will see some product options.

Products Module: -

In this module we can keep the information of the item like item name item price item quantity the customer can see all the items with availability then the customer can buy the item he likes from it.

Looks Like:

Starting Screen

```
Bill [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 11, 2023, 9:41:29 AM) [pid: 24128]
|-----Invoice-----|
|       Online Market       |
|-----|
GSTIN: 06WAFG098FS2344                                     Contact: (+91) 9028201626
Date: 11/02/2023 09:41:31 Saturday                           (+91) 9234985533
|-----|
|-----|
Enter Customer Name:
```

After User Entered Name Product Display

```
Bill [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 11, 2023, 9:43:54 AM) [pid: 12020]
|-----Invoice-----|
|       Online Market       |
|-----|
GSTIN: 06WAFG098FS2344                                     Contact: (+91) 9028201626
Date: 11/02/2023 09:43:56 Saturday                           (+91) 9234985533
|-----|
|-----|
Enter Customer Name: Ramesh
List Of the Products:
Items          Price  Quantity
1.Wafer-Biscuits  30.0   100
2.Cooking Oil    120.0   50
3.Maggie         15.0   120
4.Chocolates     50.0   100
5.Milk           62.0   100
6.Protien Powder 1800.0   50
7.Shampoo        130.0  100
8.Soap           50.0   100
9.Face Mask      25.0   100
10.Cold Drinks   40.0   100
|-----|
Enter the product details
|-----|
Choose a Product:
```

Choosing Item with Quantity

```
Bill [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 11, 2023, 9:43:54 AM) [pid: 12020]
-----Invoice-----
Online Market
-----

GSTIN: 06WAFG098FS2344
Date: 11/02/2023 09:43:56 Saturday
Contact: (+91) 9028201626
(+91) 9234985533
-----

Enter Customer Name: Ramesh

List Of the Products:

Items          Price  Quantity
1.Wafer-Biscuits 30.0   100
2.Cooking Oil    120.0   50
3.Maggie         15.0   120
4.Chocolates     50.0   100
5.Milk           62.0   100
6.Protien Powder 1800.0   50
7.Shampoo        130.0  100
8.Soap           50.0   100
9.Face Mask      25.0   100
10.Cold Drinks   40.0   100
-----

Enter the product details
-----
Choose a Product:
1
Quantity: 30
Want to add more items? (y or n):
```

Showing Available Quantity

```
Bill [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 11, 2023, 9:43:54 AM) [pid: 12020]
5.Milk          62.0   100
6.Protien Powder 1800.0   50
7.Shampoo       130.0  100
8.Soap          50.0   100
9.Face Mask     25.0   100
10.Cold Drinks  40.0   100
-----

Enter the product details
-----
Choose a Product:
1
Quantity: 30
Want to add more items? (y or n): y
|
List Of the Products:

Items          Price  Quantity
1.Wafer-Biscuits 30.0   70
2.Cooking Oil    120.0  100
3.Maggie         15.0   50
4.Chocolates     50.0  120
5.Milk           62.0  100
6.Protien Powder 1800.0  100
7.Shampoo        130.0   50
8.Soap           50.0  100
9.Face Mask      25.0  100
10.Cold Drinks   40.0  100
-----

Enter the product details
-----
Choose a Product:
```

Ask To user chose Correct Item

```
Bill [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 11, 2023, 9:43:54 AM) [pid: 12020]
3.Maggie          15.0    50
4.Chocolates      50.0    120
5.Milk            62.0    100
6.Protien Powder  1800.0  100
7.Shampoo         130.0    50
8.Soap            50.0    100
9.Face Mask       25.0    100
10.Cold Drinks    40.0    100
-----

Enter the product details
-----
Choose a Product:
12
|
List Of the Products:

Items          Price    Quantity
-----
1.Wafer-Biscuits  30.0    70
2.Cooking Oil    120.0   100
3.Maggie         15.0    50
4.Chocolates     50.0    120
5.Milk           62.0    100
6.Protien Powder 1800.0   100
7.Shampoo        130.0    50
8.Soap           50.0    100
9.Face Mask      25.0    100
10.Cold Drinks   40.0    100
-----

You have chosen Incorrect Item:
-----
Choose a Correct Product:
```

Total Invoice

```
Bill [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 11, 2023, 9:43:54 AM) [pid: 12020]
5.Milk            62.0    100
6.Protien Powder  1800.0  100
7.Shampoo         130.0    50
8.Soap            50.0    100
9.Face Mask       25.0    100
10.Cold Drinks    40.0    100
-----

You have chosen Incorrect Item:
-----
Choose a Correct Product:
6
Quantity: 20
Want to add more items? (y or n): n
|
-----
Product ID      Name          Quantity    Rate          Total Price
-----
101             Wafer-Biscuits  30          30.00         900.00
106             Protien Powder  20          1800.00       36000.00
-----

Total Amount (Rs.) 36900.0
Discount (Rs.)    738.0
Subtotal          36162.0
SGST (%)           2952.0
CGST (%)           2952.0
Invoice Total      42066.0
-----
-----Thank You for Shopping!!-----
Visit Again
-----
If you Want to See Remaining Quantity (y/n)
```