

SUPER MARKET BILLING SYSTEM

ABSTRACT

The main motto of the project (super market management system) is to manage the details of products, payments, purchasing, stores, customer.

It manages all the information about products, sales customer products.

The Project Supermarket Management System deals with the automation of supermarket. It includes both sales and purchase of items. The project Supermarket Management System is developed with the objective of making the system reliable. easier, fast, and more informative. There is a lot of reason for the introduction of this project. In the manual System, there are number of inefficiencies that a salesperson faces. Large records-books have to be maintained where relevant and irrelevant information has to be stored which is very untidy and clumsy process. But our System reduces paper works. On the other hand, there are many inherent problems that exist in any manual system. Usually, they lack efficiency. Less efficiency has a great impact on the productivity of any human being keeping the data up-to-date.



The different modules included in our project are administrative module. employee module, purchase module, sales module and billing module. Administrator allocates unique username and password to the employees. Each employee can login with the help of his/her unique id and password. Purchase and Sales module contains all the purchase and sales details. All the payment details will be shown in the Billing module.

Input Data And Validation:

All the fields such as Products, Purchasing, Customer are validated and does not take invalid values



- Each form for Products, Payment, Sales can not accept blank value fields

Avoiding errors in data

- Controlling amount of input

Limitation Of Python Project On Super Market Management System

- Excel export has not been developed for Sales,

Stores due to some criticality.

- The transactions are executed in off-line mode, hence on-line data for Products, Payment capture and modification is not possible.

- Off-line reports of Products, Purchasing, Customer cannot be generated due to batch mode execution.

You will agree with me when I say that we encounter various software in our daily lives and know the importance of it. Some things would just have been a mess if a particular software had not appeared there to help. But, the software's no miracle. It is all about summing up all the mess and solving it at one-all place at once. So, similar software is a supermarket billing system which reduces so many manual calculations while billing all the items you buy from a supermarket.



Edit with WPS Office

This python project will guide you through the whole drill of creating a super easy-peasy supermarket billing system. You do not need to be a pro coder for it. Just some simple logic and a bit of knowledge of python wo do.



CODE:

```
from datetime import datetime

name=input("Your Name Please:")

lists=""

Rice Rs 20/kg
Sugar Rs 30/kg
Salt Rs 20/kg
'''

price=0
pricelist=[]
totalprice=0
finalprice=0
ilist=[]
qlist=[]
plist=[]

items={'Rice':20,'Sugar':30,'Salt':20}

option=int(input("for list of items choose 1:"))

if option==1:

    print(lists)
```



```

for i in range(len(items)):
    inp1=int(input("if you want to buy choose 1 (or) choose 2 for exit:"))
    if inp1==2:
        break
    if inp1==1:
        item=input("Enter Your Items:")
        quantity=int(input("enter Quantity:"))
        if item in items.keys():
            price=quantity*(items[item])
            pricelist=quantity*(items[item])
            pricelist.append((item,quantity,items,price))
            totalprice+=price
            ilist.append(item)
            qlist.append(quantity)
            gst=(totalprice*5)/100
            finalamount=gst+totalprice
        else:
            print("Sorry your entered item is not available")
    else:
        print("you entered a wrong number")
inp=input("can i bill your items (yes or no):")
if inp=='yes':
    pass
    if finalamount!=0:
        print(25*"=", "AKUP Supermarket", 25*"=")
        print(28*" ", "Arilova")
        print("Name:", name, 30*" ", "Date:", datetime.now())
        print(75*" - ")
        print("Sno", 8*" ", "items", 8*" ", "Quantity", 3*" ", "price")
        for i in range(len(pricelist)):
            print(i, 8*" ", 5*" ", ilist[i], 3*" ", qlist[i], 8*" ", plist[i])

```



```
print(75*"-")
print(50* " ","Totalamount:","Rs",totalprice)
print("GST Amount",40* " ","Rs",gst)
print(75*"-")
print(50* " ","Final Amount:","Rs",finalamount)
print(75*"-")
print(20* " ","Thank you ! Visit Again")
print(75*"-")
```

