SHRI SANTOSHI MAA ACADEMY

SESSION: - 2025-2026

A Project Report On
E-COMMERCE (BLUEBERY)

For CBSE 2026 Examination
(As a part of the Computer Science Course(083))

SUBMITTED BY:

SAGNIK DAS

CLASS: XII-SCIENCE

ROLL NO :

UNDER THE GUIDANCE OF:

Mrs. Poulami Seal

(PGT Computer Science)

CERTIFICATE

This is to certify that **SAGNIK DAS** student of class XII A of **SHRI SANTOSHI MAA ACADEMY** has done his project on
E-COMMERCE under my supervision. He has taken his interest and has shown at most sincerity in completion of this project. I certified this project upto my expectation and as per guidelines issued by **CBSE, NEW DELHI**

INTERNAL EXAMINER   EXTERNAL EXAMINER

PRINCIPAL

ACKNOWLEDGEMENT

It is with pleasure that I acknowledge my sincere gratitude to our teacher, **Mr. Ankur Guha** who taught and undertook the responsibility of teaching the subject computer science. I have been greatly benefited from her classes.

I am especially indebted to our principal **MRS. SUSMITA PAL** who has always been a source of encouragement and support and without whose inspiration this project would not have been a successful I would like to place record heartfelt thanks to her.

Finally, I would like to express my sincere appreciation for all the other students for my batch their friendship & the fine time that we all share together.
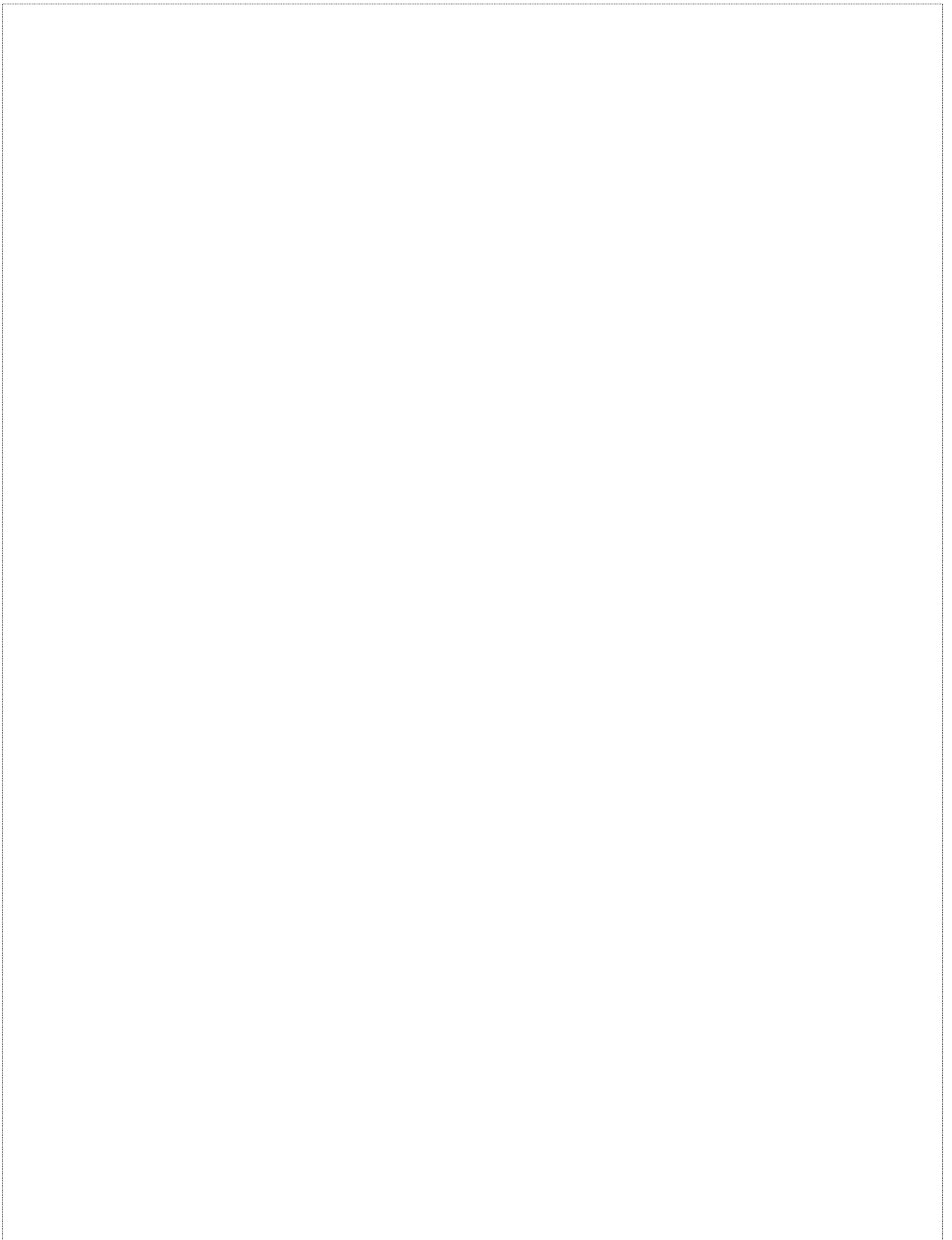
SAGNIK DAS
XII-SCIENCE

HARDWARE AND SOFTWARE REQUIRED

Hardware
1. PC(Intel i3 processor ,40RAM)
2. Laptop

Software
1. My sql (version 8.0)
2. Python (version 3.13.1)
3. Pyhton Connector Module

CONTENT

INTRODUCTION

The rise of e-commerce has revolutionized the way businesses interact with customers, providing them with the opportunity to reach a global market with a seamless online shopping experience. This project focuses on building an e-commerce website using Python and MySQL. The website will offer various features such as product browsing, order management, user and seller interactions, and feedback collection, all designed to create a smooth and secure online shopping experience for both customers and sellers. The goal of this project is to design and implement a fully functional e-commerce platform where customers can browse products, place orders, and provide feedback, while sellers can manage their product listings and receive feedback.

The system will use Python for backend development. MySQL will serve as the relational database, storing and managing user data, product details, orders, and other critical information.

SQL Tables and Database Design

The website will rely on six key tables to manage data effectively:

Customers: This table will store details of all registered customers, including personal information such as name, email, shipping address, and contact number. It will also track customer activity and order history.

Columns:customer_ID(PrimaryKey),user_name, password,full_name, address, phone_number, email_ID

Products: This table will contain information about the products available on the platform, such as product name, price, brand, description, stock quantity, and category. It will enable customers to browse products and make purchasing decisions.

Columns: product_id (Primary Key), category,Name, Quantity,Price, Brand_Name, seller_id.

Orders: The Orders table will store information about each order placed by customers, including the products ordered, quantities, total price, order status, and payment details. This table will help track order progress from placement to delivery.

Columns: Transaction_id (Primary Key), customer_id (Foreign Key), product_id(Foreign Key),Date_of_dispatch, quantity,price, , Amount.

Feedback: To enhance customer satisfaction, this table will collect feedback from customers regarding their shopping experience, product quality, and delivery service. Feedback will be stored with ratings and comments.

Columns: customer_id (Foreign Key),feedback,Seller_ID, product_id (Foreign Key), Seller_Name.
Seller: This table will store information about the sellers who list their products on the platform. Seller data will include business name, contact information, and product listing details.

Columns:seller_id(PrimaryKey),seller_name,Brand_Name,Username, Password,Phone_no., email_id.

Sfeedback: Just as customers provide feedback, sellers will also have the opportunity to provide feedback on their interactions with customers. This feedback will help improve the quality of service on both sides of the platform.

Columns: seller_id (Primary Key),Feedback,Rating.
Project objective

Functionalities
The website will include a variety of features to enhance the shopping experience:

Customer Interface:
User Authentication: Secure login and registration system.
Product Browsing: Customers can browse products by category, brand, or search term.
Order Placement: Customers can place orders, view order history, or cancel or exchange orders.
Feedback: Customers can rate and review products after purchase.
Seller Interface:
Product Listing Management: Sellers can add, update, or remove products.
Order Management: Sellers can view and manage orders placed for their products.
Seller Feedback: Sellers can view feedback provided by customers and rate the customers.

SOURCE CODE

```python
import mysql.connector as m
from datetime import date

def welcome():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    print('----------------------------------------------------------------------')
    print('----------------------------Namaste----------------------------------')
    print('********************* Welcome to Blueberry ***********************')
    print('----------------------------------------------------------------------')
    print('What is your role: ')
    print('Press 1 for SELLER')
    print('Press 2 for CUSTOMER')
    try:
        x=int(input('Enter 1 or 2:'))
    except ValueError:
        print('Please enter valid input:')
        welcome()
    else:
        if x==1:
            scheck()
        elif x==2:
            identity()
        else:
            print('Please enter valid input')
            welcome()
    finally:
        db.commit()

def identity():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    print('----------------------------------------------------------------------')
    print('If already a user,press 1')
    print('If new press 2 login to create acc')
    try:
        x=int(input('Enter 1 or 2:'))
    except ValueError:
        print('Please enter valid input')
        identity()
    else:
        if x==1:
            login()
        elif x==2:
            create()
        else:
            print('Enter valid input')
            identity()
    finally:
        db.commit()

def create():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('------------------------------------------------------------------')
```

```python
        n=input('Enter your full name: ')

        if n.isdigit()==False:
            name=n
        else:
            print('Please enter valid Name')
            create()
        user=input('Enter username:')
        password=input('Enter password:')
        address=input('Enter address:')
        p=int(input('Enter phone:'))
        if len(str(p))==10:
            phone=p
        else:
            print('Please enter valid Phone No.')
            create()
        email=input('Enter email:')
        if "@" and "." in email:
            co.execute('select max(Customer_ID) from Customers')
            x=co.fetchone()
            high=int(x[0])+1
            co.execute('insert into Customer values({},"{}","{}","{}","{}",{},"{}")'.format(high,user,password,name,address,phone,email))
            db.commit()
        else:
            print('Please enter valid email')
            create()
    except ValueError:
        print('Please enter valid input')
        create()
    else:
        print('----------------------------------------------------------------------')
        print('Your account is succesfully created')
        print('Your customer ID is:',high)
        login()

def login():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('----------------------------------------------------------------------')
        x=input('enter username: ')
        y=input('enter password: ')
        co.execute('select * from customers;')
        data=co.fetchall()
        c=0
        for i in data:
            if i[1]==x:
                c=c+1
                if i[2]==y:
                    menu()
                else:
                    print('Incorrect password')
                    login()
        if c==0:
            print('Invalid username')
            login()
```

```python
        except ValueError:
            print('Please enter valid input')
            login()
        finally:
            db.commit()

def menu():
    print('-------------------------------------------------------------------------')
    print('************************** MENU ****************************')
    print('-------------------------------------------------------------------------')
    print('MENU')
    print('PRESS 1 TO SEARCH')
    print('PRESS 2 TO VIEW PURCHASE HISTORY')
    print('PRESS 3 TO PLACE ORDER')
    print('PRESS 4 TO RETURN')
    print('PRESS 5 TO CANCEL ORDER')
    print('PRESS 6 TO GIVE FEEDBACK')
    print('PRESS 7 TO EXIT')
    print('-------------------------------------------------------------------------')
    try:
        ch=int(input('Enter your choice: '))
    except ValueError:
        print('Please enter valid output')
        menu()
    else:
        if ch==1:
            search()
        elif ch==2:
            purchase_history()
        elif ch==3:
            order()
        elif ch==4:
            product_return()
        elif ch==5:
            cancel_order()
        elif ch==6:
            feedback()
        elif ch==7:
            print('THANK YOU FOR USING BLUEBERRY')
            print('-------------------------------------------------------------------------')
        else:
            print('Please enter valid output')
            menu()

def search():
    while True:
        print('-------------------------------------------------------------------------')
        print('Press 1 to search via categories: ')
        print('Press 2 to search via brands: ')
        print('Press 3 to view all products: ')
        print('Press 4 to go to previous menu: ')
        print('Press 5 to exit: ')
        print('-------------------------------------------------------------------------')
        try:
            ch=int(input('Enter your choice' ))
        except ValueError:
```

```python
            print('Please enter vaild input')
            search()
        else:
            if ch==1:
                category()
            elif ch==2:
                brand()
            elif ch==3:
                allproduct()
            elif ch==4:
                menu()
            elif ch==5:
                break
            else:
                print('Please enter valid input')
                search()

def category():
    print('PLEASE SELECT FROM FOLLOWING CATEGORIES: ')
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    co.execute('select distinct Category from Products')
    data=co.fetchall()
    for i in data:
        print(i)
    try:
        cat=input('Enter category to search')
        co.execute('select * from Products where category like "%{}%"'.format(cat))
        char=co.fetchall()
        c=0
        for i in char:
            c=c+1
            print('----------------------------------------------------------------------')
            print('PRODUCT NUMBER ',c)
            print('Product ID: ',i[0])
            print('Category: ',i[1])
            print('Name: ',i[2])
            print('Quantity available: ',i[3])
            print('Price: ',i[4])
            print('Brand Name: ',i[5])
            print('Seller ID: ',i[6])
            print('----------------------------------------------------------------------')
        print ('TO PLACE ORDER ENTER 55')
        print('TO GO BACK TO PREVIOUS MENU ENTER 77')
        ord=int(input('Enter your choice: '))
    except ValueError:
        print('----------------------------------------------------------------------')
        print('Please enter valid input')
        category()
    else:
        if ord==55:
            order()
        elif ord==77:
            search()
        else:
            print('----------------------------------------------------------------------')
```

```python
            print('Please enter valid input')
            category()
    finally:
        db.commit()

def brand():
    print('PLEASE SELECT FROM FOLLOWING BRANDS: ')
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    co.execute('select distinct Brand_Name from Products')
    data=co.fetchall()
    for i in data:
        print(i)
    try:
        cat=input('Enter category to search')
        co.execute('select * from Products where Brand_Name like "%{}%"'.format(cat))
        char=co.fetchall()
        c=0
        for i in char:
            print('----------------------------------------------------------------------')
            c=c+1
            print('PRODUCT NUMBER ',c)
            print('Product ID: ',i[0])
            print('Category: ',i[1])
            print('Name: ',i[2])
            print('Quantity available: ',i[3])
            print('Price: ',i[4])
            print('Brand Name: ',i[5])
            print('Seller ID: ',i[6])
            print('----------------------------------------------------------------------')
        print ('TO PLACE ORDER ENTER 55')
        print('TO GO BACK TO PREVIOUS MENU ENTER 77')
        ord=int(input('Enter your choice: '))
    except ValueError:
        print('Please enter valid input')
        brand()
    else:
        if ord==55:
            order()
        elif ord==77:
            search()
        else:
            print('Please enter valid input')
            brand()
    finally:
        db.commit()

def allproduct():
    print('Following are all the products available: ')
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    co.execute('select * from Products')
    data=co.fetchall()
    c=0
    for i in data:
        print('----------------------------------------------------------------------')
```

```python
            c=c+1
            print('PRODUCT NUMBER ',c)
            print('Product ID: ',i[0])
            print('Category: ',i[1])
            print('Name: ',i[2])
            print('Quantity available: ',i[3])
            print('Price: ',i[4])
            print('Brand Name: ',i[5])
            print('Seller ID ',i[6])
            print('----------------------------------------------------------------------')
        print ('TO PLACE ORDER ENTER 55')
        print('TO GO BACK TO PREVIOUS MENU ENTER 77')
        try:
            ord=int(input('Enter your choice: '))
        except ValueError:
            print('Please enter valid input')
            allproduct()
        else:
            if ord==55:
                order()
            elif ord==77:
                search()
            else:
                print('Please enter valid input')
                allproduct()
        finally:
            db.commit()

def purchase_history():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('----------------------------------------------------------------------')
        cust=int(input('Enter your customer id to proceed: '))
    except:
        print('Enter vaild input')
        purchase_history()
    else:
        co.execute("select * from orders where customer_id={}".format(cust))
        data=co.fetchall()
        if len(data)>0:
            c=0
            for i in data:
                c=c+1
                print('----------------------------------------------------------------------')
                print("ORDER NUMBER: ",c)
                print("Transaction ID: ",i[0])
                print("Product ID: ",i[2])
                print("Date of dispatch: ",i[3])
                print("Quantity placed: ",i[4])
                print("Price: ",i[5])
                print("Total Amount: ",i[6])
                print('----------------------------------------------------------------------')
        else:
            print('No orders placed')
            print('To place order press 22')
```

```python
            print('To go back to the main menu, press 33')
            ch=int(input('Enter your choice: '))
            if ch==22:
                order()
            elif ch==33:
                menu()
            else:
                print('Please enter valid input')
                menu()
    finally:
        db.commit()
        menu()

def order():
    print('TO PLACE ORDER ENTER THE FOLLOWING DETAILS: ')
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('-----------------------------------------------------------------------')
        cust=int(input('Enter your customer id to proceed: '))
        prd=int(input("Enter the product id: "))
        to=date.today()
        qty=int(input("Enter quantity of product: "))
        co.execute('select quantity from products where product_id={}'.format(prd))
        y=co.fetchone()
        x=y[0]
        if int(x)>qty:
            co.execute('select max(Transaction_ID) from Orders')
            x=co.fetchone()
            high=int(x[0])+1
            co.execute('select * from products where product_id={}'.format(prd))
            data=co.fetchone()
            pid=data[0]
            pri=data[4]
            amo=pri*qty
            print ('Your total amount is: ',amo)
            print ('To confirm your order, Press 55')
            print ('To search again, Press 22')
            ch=int(input('Enter your choice: '))
            if ch==55:
                co.execute('insert into orders values({},{},{},"{}",{},{},{})'.format(high,cust,pid,to,qty,pri,amo))
                co.execute('update products set quantity=quantity-{} where product_id={}'.format(qty,pid))
                print('-----------------------------------------------------------------------')
                print('Your order is successfully placed')
                db.commit()
                print ('Your Transaction ID is: ',high)
                print ('Total amount: ',amo)
                print ('-----------------------------------------------------------------------')
                print ('NOTE: Please note the transaction id for future references')
                print ('To go back to the main menu, Press 1')
                choice=int(input('Enter your choice: '))
                if choice==1:
                    menu()
                else:
                    print('Please enter valid input')
                    order()
```

```python
        elif ch==22:
            search()
        else:
            print('Please enter valid input')
            order()
    elif int(x)>1 and int[y][0]<qty:
        print('Sufficient quantity is not available')
        print('Quantity available: ',int[y][0])
        menu()
    elif int(x)==0:
        print('-------------------------------------------------------------------')
        print('Out of stock')
        menu()
    db.commit()
except ValueError:
    print('Please enter vaild input')
    order()

def product_return():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        cust=int(input('Enter your customer id:'))
        pro=int(input('Enter your product id:'))
        tra=int(input('Enter your transition id:'))
        print('-------------------------------------------------------------------')
        print('Press 1, If your product is damage:')
        print('Press 2,If your product is broken:')
        print('Press 3,wrong item:')
        print('Press 4,If wrong fitting:')
        print('Press 5,If any other reason type below:')
        print('-------------------------------------------------------------------')
        a=int(input("Enter your choice:"))
        if a==1 or a==2:
            cancel_order()
        elif a==3 or a==4:
            print("Press 1,If you want to exchange")
            print("Press 2,If you want to cancel")
            b=int(input("Enter your choice:"))
            if b==1:
                exchange()
            elif b==2:
                cancel_order()
            else:
                print('Please enter vaild input')
                product_return()
        elif a==5:
            c=input("Please enter your reason")
            print("Press 1,If you want to exchange")
            print("Press 2,If you want to cancel")
            d=int(input("Enter your choice:"))
            if d==1:
                exchange()
            elif d==2:
                cancel_order()
            else:
```

```python
            print('Please enter vaild input')
            product_return()
        else:
            print('Please enter vaild input')
            product_return()
    except ValueError:
        print('Please enter vaild input')
        product_return()
    finally:
        db.commit()


def exchange():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('------------------------------------------------------------------------')
        cust=int(input('Enter your customer id: '))
        pro=int(input("Enter Product Id: "))
        print("Press 1, if you want to rebuy the same product")
        print("Press 2,if you want to buy anythingelse")
        a=int(input("Enter your choice"))
        if a==1:
            order()
        elif a==2:
            search()
        else:
            print('Please enter vaild input')
            exchange()
    except ValueError:
        print('Please enter vaild input')
        exchange()
    else:
        print('Your order is succesfully exchanged')
    finally:
        db.commit()
        menu()


def cancel_order():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('------------------------------------------------------------------------')
        cust=int(input('Enter your customer id: '))
        pro=int(input("Enter Product Id: "))
        tra=int(input("Enter Transaction ID:"))
        co.execute('select * from orders where Transaction_ID={}'.format(tra))
        data=co.fetchone()
        if data[1]==cust and data[2]==pro:
            co.execute('delete from orders where Transaction_ID={}'.format(tra))
            print('Your order is succesfully cancelled')
            qty=data[4]
            co.execute('update products set quantity=quantity+{} where product_id={}'.format(qty,pro))
            db.commit()
            menu()
        else:
```

```python
            print('Please enter valid input')
            cancel_order()
    except ValueError:
        print('Please enter vaild input')
        cancel_order()

def feedback():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    print('----------------------------------------------------------------------')
    print('Your valuable feedbacks are always appreciated')
    print('Please spare a few moments to give your opinion')
    print('To give opinion about our app press 22')
    print('To give opinion about a specific product press 33')
    try:
        ch=int(input('Enter your choice: '))
        if ch==22:
            print('Give your opinion below')
            feed=input('Type your suggestions')
            cust=int(input('Enter your customer id: '))
            print('Thank You for your feedback ')
            co.execute('insert into feedbacks (Customer_ID,Feedback) values ({},"{}")'.format(cust,feed))
            db.commit()
            menu()
        elif ch==33:
            print('Give your opinion below')
            cust=int(input('Enter your customer id: '))
            pro=int(input('Enter the product id: '))
            co.execute('select seller_id from products where product_id={}'.format(pro))
            data=co.fetchone()
            sell=data[0]
            co.execute('select seller_name from products p,seller s where p.seller_id=s.seller_id and product_id={}'.format(pro))
            data1=co.fetchone()
            sname=data1[0]
            feed=input('Type your suggestions')
            print('Thank You for your feedback ')
            co.execute('insert into feedbacks values ({},"{}",{},{},"{}")'.format(cust,feed,sell,pro,sname))
            db.commit()
            menu()
    except ValueError:
        print('Please enter vaild input')
        feedback()

def scheck():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    print('----------------------------------------------------------------------')
    print('If already a user,press 1')
    print('If new press 2 login to create acc')
    try:
        x=int(input('Enter 1 or 2: '))
    except ValueError:
        print('Please enter vaild input')
        scheck()
    else:
        if x==1:
            slogin()
```

```
            elif x==2:
                seller()
            else:
                print('Enter valid input')
                scheck()
        finally:
            db.commit()

def seller():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('----------------------------------------------------------------------')
        name=input('Enter Your Full Name:')
        username=input('Enter a Username:')
        password=input('Enter a Password:')
        bname=input('Enter a Brand Name:')
        phone=int(input('Enter your Phone No.:'))
        email=input('Enter your email id:')
        if "@" and "." in email:
            co.execute('select max(Seller_ID) from seller')
            s=co.fetchone()
            sid=int(s[0])+1
            co.execute('insert into seller values ({},"{}","{}","{}","{}",{},"{}")'.format(sid,name,bname,username,password,phone,email))
            db.commit()
        else:
            print('Please enter valid email')
            seller()
    except ValueError:
        print('Please enter vaild input')
        seller()
    else:
        print('Your account is succesfully created')
        print('Your seller ID is:',sid)
        slogin()

def slogin():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('----------------------------------------------------------------------')
        x=input('enter username: ')
        y=input('enter password: ')
        co.execute('select * from seller')
        data=co.fetchall()
        c=0
    except ValueError:
        print('Please enter vaild input')
        slogin()
    else:
        for i in data:
            if i[3]==x:
                c=c+1
                if i[4]==y:
                    smenu()
                else:
```

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```python
                print("Incorrect password")
                slogin()
        if c==0:
            print ('Invalid username')
            slogin()
    finally:
        db.commit()

def smenu():
    print('-------------------------------------------------------------------')
    print('************************** MENU ***************************')
    print('- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - ')
    print('To Add Item, Enter 1')
    print('To Delete Item, Enter 2')
    print('To update Item, Enter 3')
    print('To give feedback, Enter 4')
    print('To view your product_id, Enter 5')
    print('To exit, Enter 6')
    try:
        c=int(input('Enter your choice:'))
    except ValueError:
        print('Please enter vaild input')
        smenu()
    else:
        if c==1:
            Adds()
        elif c==2:
            delete_item()
        elif c==3:
            update_item()
        elif c==4:
            sfeedback()
        elif c==5:
            sview()
        elif c==6:
            print('THANK YOU FOR USING BLUEBERRY')
            print('-------------------------------------------------------------------')
        else:
            print('Enter vaild input')
            smenu()

def Adds():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('-----------------------------------------------------------------------')
        cat=input('Enter category of product:')
        name=input('Enter name of product:')
        qyt=int(input('Enter quantity of product:'))
        pri=int(input('Enter price of product:'))
        sid=int(input('Enter your seller ID:'))
        co.execute('select seller_name from seller where seller_id={}'.format(sid))
        data1=co.fetchone()
        bname=input('Enter your brand name:')
        co.execute('select max(Product_ID) from products')
        data=co.fetchone()
```

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```python
            h=int(data[0])+1
            if len(data1)==0:
                print("Please enter valid seller_id")
                Adds()
            else:
                co.execute('insert into products values({},"{}","{}",{},{},"{}",{})'.format(h,cat,name,qyt,pri,bname,sid))
                db.commit()
                print('-------------------------------------------------------------------')
                print ('Your product ID is ',h)
        except ValueError:
            print('Please enter vaild input')
            Adds()
        else:
            print('Your product is succesfully added ')
            smenu()

def delete_item():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    try:
        print('-------------------------------------------------------------------')
        ch=int(input("Enter product_ID: "))
        co.execute('select * from products where product_ID={}'.format(ch))
        data=co.fetchone()
        try:
            if data[0]==ch:
                co.execute('delete from products where product_ID={}'.format(ch))
                print('Your produce is succesfully deleted')
            else:
                print('Please enter valid input')
                delete_item()
            db.commit()
            smenu()
        except:
            print('Please enter vaild input')
            delete_item()
    except ValueError:
        print('Please enter vaild input')
        delete_item()

def update_item():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    print('-------------------------------------------------------------------')
    print('Press 1, To update price')
    print('Press 2, To update quantity')
    print('Press 3, To change produce name ')
    print('Press 4, To change brand name ')
    print('Press 5, To change category ')
    try:
        ch=int(input('Enter your choice: '))
        pid1=int(input('Enter product ID: '))
        co.execute('select * from products where product_Id={}'.format(pid1))
        data=co.fetchall()
        if len(data)==0:
            print('Please enter valid Product_ID')
```

```python
                update_item()
            else:
                if ch==1:
                    pri=int(input('Enter price to update: '))
                    co.execute('update products set Price={} where Product_ID={}'.format(pri,pid1))
                    db.commit()
                    print('Price is succesfully updated')
                elif ch==2:
                    qty=int(input('Enter quantity to update: '))
                    co.execute('update products set Quantity={} where Product_ID={}'.format(qty,pid1))
                    db.commit()
                    print('Quantity is succesfully updated')
                elif ch==3:
                    s=input('Enter name of product to update: ')
                    co.execute('update Products set Name="{}" where Product_ID={}'.format(s,pid1))
                    db.commit()
                    print('Name of produce is succesfully updated')
                elif ch==4:
                    brand=input('Enter name of brand to update: ')
                    co.execute('update Products set Brand_Name="{}" where Product_ID={}'.formate(brand,pid1))
                    db.commit()
                    print("Name of brand is succesfully updated")
                elif ch==5:
                    cat=input('Enter category to update: ')
                    co.execute('update Products set Category="{}" where Product_ID={}'.formate(cat,pid1))
                    db.commit()
                    print('Name of category is succesfully updated')
                else:
                    print('Please enter valid input')
                    update_item()
                db.commit()
        except ValueError:
            print('Please enter vaild input')
            update_item()
        else:
            smenu()

def sfeedback():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    print('----------------------------------------------------------------------')
    print('Your valuable feedbacks are always valued')
    print('Please spare a few moments to give your opinion')
    print('Give your opinion below')
    try:
        feed=input('Type your suggestions: ')
        sid=int(input('Enter your seller ID: '))
        rating=int(input('Enter rating out of 5:'))
        co.execute('insert into sfeedback values ({},"{}",{})'.format(sid,feed,rating))
        db.commit()
    except ValueError:
        print('Please enter vaild input')
        sfeedback()
    else:
        print('Thank You for your feedback ')
        print('----------------------------------------------------------------------')
```

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```python
        smenu()

def sview():
    db=m.connect(host='localhost',user='root',password='admin',database='e_commerce')
    co=db.cursor()
    print('---------------------------------------------------------------------')
    try:
        sell=int(input('Enter your Seller_ID: '))
        co.execute('select product_id,name from products where seller_id={}'.format(sell))
        data=co.fetchall()
    except:
        print('Please enter vaild input')
        sview()
    else:
        if len(data)==0:
            print('Please enter valid Seller_ID')
            sview()
        else:
            print('Following are your Product_ID: ')
            for i in data:
                print('Product_ID: ',i[0] ,'Product Name: ',i[1])
            print('---------------------------------------------------------------------')
    db.commit()

welcome()
```

MySQL DATABASES

E-COMMERCE DATABASE:

```
mysql> use e_commerce;
Database changed
mysql> show tables;
+----------------------+
| Tables_in_e_commerce |
+----------------------+
| customers            |
| feedbacks            |
| orders               |
| products             |
| seller               |
| sfeedback            |
+----------------------+
6 rows in set (0.00 sec)
```

CUSTOMER TABLE:

```
mysql> select * from customers;
+-------------+-------------+---------------+---------------------+--------------------------+------------+--------------------------+
| Customer_ID | User_Name   | Password      | Full_Name           | Address                  | Phone_No_  | Email_ID                 |
+-------------+-------------+---------------+---------------------+--------------------------+------------+--------------------------+
|       10001 | Dishabehera_| disha@        | Disha Behera        | Bima nagar 6th lane      | 1345883766 | dishabehera@898gmail.com |
|       10002 | roze@fish_  | rosy$         | Suhana Panigrahi    | Kalinga  nagar 3rd lane  | 1908765545 | suhana@698gmail.com      |
|       10003 | subha#      | subha         | Subhasmita Panigrahi| Vivek Bihar 4th lane     | 1549577920 | subha@131gmail.com       |
|       10004 | jaya@27     | pokemon       | Jayasri Padhy       | Gandhi Nagar 4th lane    | 1478907543 | gudli@097gmail.com       |
|       10005 | sneha98     | puru          | snehabehera         | lanjipuli 5th lane       | 234589873  | puru@097gmail.com        |
|       10006 | sumeet98    | nitali        | Sumeet Panigrahi    | Tulsi Nagar 6th lane     | 1234567890 | sumeet@30gmail.com       |
|       10007 | hrushi@d    | disha         | Hrushi Maharana     | lotus Nagar 7th lane     | 1567897654 | hrushi@899gmail.com      |
|       10008 | sumanjh     | sumowrestiling| Suman Maharana      | yuiu Nagar 7th lane      | 1567876549 | suman@099gmail.com       |
|       10009 | @aks        | 1234          | ankita              | bima nagar               | 12324355   | aks@gmail.com            |
|       10010 | @anaa       | 12aa          | ananya              | mahima nagar             | 244654322  | anaa@gmail.com           |
|       10011 | gu          | hg            | hg                  | hj                       | 87         | hg                       |
|       10012 | lily        | 2222          | adishree das        | vani vihar,bhubaneswar   | 785674563  | lacksofcolor@gmail.com   |
|       10013 | saroj       | 123           | saroj               | berhampur                | 4376776    | hfhg@j.com               |
|       10014 | shiny sankit| 150308        | sankit maharana     | chandigarh               | 34656553   | sankitmaharana@gmail.com |
|       10015 | sumeet@     | 2005          | Sumeet Panigrahi    | kaliga vihar             | 1234567890 | sumeet@gmail.com         |
|       10016 | roze@2021   | 2021          | Suhana Panigrahi    | kali vihar, 3rd lane, Dura| 1234567899| tajpanigrahi@gmail.com   |
+-------------+-------------+---------------+---------------------+--------------------------+------------+--------------------------+
16 rows in set (0.00 sec)
```

FEEDBACK TABLE:

```
mysql> select * from feedbacks;
+-------------+------------------------------+-----------+------------+--------------------+
| Customer_ID | Feedback                     | Seller_ID | Product_ID | Seller_Name        |
+-------------+------------------------------+-----------+------------+--------------------+
|       10005 |  expired aloo bhujiya received |     203 |        101 | Subhasmita Panigrahi |
|       10016 | very wonderful app easy to use |    NULL |       NULL | NULL               |
|       10006 | milk we received is expired  |       209 |        109 | suhana panigrahi   |
|       10006 | butter we received is expired |      209 |        110 | suhana panigrahi   |
|       10011 | very good product            |       203 |        107 | sneha              |
|       10010 | very good soap               |       203 |        102 | sneha              |
|       10008 | very easy to use             |      NULL |       NULL | NULL               |
|       10015 | very easy to use             |      NULL |       NULL | NULL               |
|       10015 | very easy to place orders    |      NULL |       NULL | NULL               |
|       10015 | easy to exchange products    |      NULL |       NULL | NULL               |
|       10010 | very good app                |      NULL |       NULL | NULL               |
|       10001 | helpfull app                 |      NULL |       NULL | NULL               |
+-------------+------------------------------+-----------+------------+--------------------+
12 rows in set (0.00 sec)
```

ORDER TABLE:

```
12 rows in set (0.00 sec)

mysql> select * from orders;
+----------------+-------------+------------+-----------------+----------+-------+--------+
| Transaction_ID | Customer_ID | Product_ID | Date_of_Dispatch | Quantity | Price | Amount |
+----------------+-------------+------------+-----------------+----------+-------+--------+
|              1 |       10010 |        110 | 2024-12-31      |        1 |   190 |    190 |
|              2 |       10010 |        101 | 2024-12-31      |        4 |    60 |    240 |
|              3 |       10015 |        109 | 2024-12-31      |        1 |   170 |    170 |
|              4 |       10005 |        101 | 2024-12-02      |        1 |    60 |     60 |
|              5 |       10013 |        101 | 2024-11-11      |        2 |    60 |    120 |
|              6 |       10015 |        103 | 2024-12-31      |        1 |    40 |     40 |
|              7 |       10016 |        103 | 2024-12-29      |       10 |    40 |    400 |
|              8 |       10016 |        101 | 2024-12-29      |       12 |    60 |    720 |
|              9 |       10016 |        102 | 2024-12-29      |        1 |   120 |    120 |
|             10 |       10014 |        102 | 2024-12-31      |        1 |   120 |    120 |
+----------------+-------------+------------+-----------------+----------+-------+--------+
10 rows in set (0.00 sec)
```

PRODUCT TABLE:

```
mysql> select * from products;
+------------+----------+-------------+----------+-------+------------+-----------+
| Product_ID | Category | Name        | Quantity | Price | Brand_Name | seller_id |
+------------+----------+-------------+----------+-------+------------+-----------+
|        101 | food     | bhujiya     |      489 |    60 | Haldiram   |       203 |
|        102 | Bodycare | Dove soap   |     1999 |   120 | Dove       |       204 |
|        103 | Food     | Milky Bar   |     1190 |    40 | COCO       |       206 |
|        104 | bodycare | dove shampoo |     200 |   350 | dove       |       204 |
|        105 | toys     | gogball     |      450 |   150 | ball       |       209 |
|        106 | toys     | football    |      789 |   500 | ball       |       209 |
|        107 | Bodycare | Bodywash    |      500 |  1200 | cure&care  |       205 |
|        108 | Bodycare | Facewash    |      900 |  2000 | cure&care  |       205 |
|        109 | food     | coco butter |      700 |   170 | coco       |       205 |
|        110 | food     | Milk        |       80 |   190 | coco       |       205 |
+------------+----------+-------------+----------+-------+------------+-----------+
10 rows in set (0.00 sec)
```

SELLER TABLE:

```
mysql> select * from seller;
+-----------+---------------------+------------+-----------+----------+-------------+------------------------+
| Seller_ID | Seller_Name         | Brand_Name | Username  | Password | Phone_no    | Email_ID               |
+-----------+---------------------+------------+-----------+----------+-------------+------------------------+
|       201 | Disha Behera        | Apple      | disha@    | 378291   | 908765433   | sumitrabehera@56       |
|       202 | Suhana Panigrahi    | Vivo       | suhanA$   | 378289   | 90856797    | dishehera@313          |
|       203 | Subhasmita Panigrahi | Haldiram  | ASUBHA</> | 37*676   | 95678767    | NULL                   |
|       204 | Sneha Patro         | Dove       | SNEHA     | spur8    | 923456789   | sneha@123              |
|       205 | Adishree Das        | cure&care  | lily      | 2222     | 23455454    | lacksofcolors@gmail.com |
|       206 | SUHANA PANIGRAHI    | COCO       | SUHANA@2  | ROZE     | 1234567890  | tajpanigrahi@gmail.com |
|       207 | ghfhcg              | fghfvh     | gfhg      | hfghvg   | 54784378964 | tgfyfgg@gmail.com      |
|       208 | suhana              | free       | ssb       | 2021     | 1234567890  | taj@gmail.com          |
|       209 | sumeet panigrahi    | ball       | sumu@2005 | 2005     | 1234567890  | sumeet@gmail.com       |
+-----------+---------------------+------------+-----------+----------+-------------+------------------------+
9 rows in set (0.00 sec)
```

SELLER'S FEEDBACK TABLE:

```
mysql> select * from sfeedback;
+-----------+------------------------------+--------+
| Seller_ID | Feedback                     | Rating |
+-----------+------------------------------+--------+
|       204 | very good                    |      5 |
|       204 | very good app                |      5 |
|       205 | good interface               |      5 |
|       204 | very good app , easy to use..) |    5 |
|       201 | very nice app                |      4 |
|       202 | easy to use                  |      3 |
|       203 | easy to add products         |      5 |
|       204 | easy to update products      |      4 |
|       205 | easy to delete items form menu |    3 |
|       206 | giving feedbacks is very easy |     5 |
|       206 | creating account is very easy |     5 |
|       208 | very detailed                |      5 |
+-----------+------------------------------+--------+
12 rows in set (0.00 sec)

mysql>
```

OUTPUTS

CUSTOMER'S OUTPUT

STARTING INTERFACE:

```
------------------------Namaste-----------------------------
************************ Welcome to Blueberry ************************
------------------------------------------------------------
What is your role:
Press 1 for SELLER
Press 2 for CUSTOMER
Enter 1 or 2:2
------------------------------------------------------------
```

CUSTOMER INTERFACE:

```
----------------------------------------------------------
If already a user,press 1
If new press 2 login to create acc
Enter 1 or 2:2
```

CUSTOMER SIGNUP:

```
----------------------------------------------------------------
Enter your full name: Sagnik Das
Enter username:sagnikdas123
Enter password:Sagnik@123
Enter address:77 Armit Road, Kolkata
Enter phone:1593574826
Enter email:sagnikdas@gmail.com
----------------------------------------------------------------
Your account is succesfully created
Your customer ID is: 10016
----------------------------------------------------------------
```

CUSTOMER LOGIN:

```
-------------------------------------------------------
enter username: sagnikdas123
enter password: Sagnik@123
```

CUSTOMER MAIN-MENU:

```
---------------------------------------------------------------
***************************** MENU *****************************
---------------------------------------------------------------
MENU
PRESS 1 TO SEARCH
PRESS 2 TO VIEW PURCHASE HISTORY
PRESS 3 TO PLACE ORDER
PRESS 4 TO RETURN
PRESS 5 TO CANCEL ORDER
PRESS 6 TO GIVE FEEDBACK
PRESS 7 TO EXIT
---------------------------------------------------------------
Enter your choice: 1
---------------------------------------------------------------
```

SEARCH MENU:

```
------------------------------------------------------------
Press 1 to search via categories:
Press 2 to search via brands:
Press 3 to view all products:
Press 4 to go to previous menu:
Press 5 to exit:
------------------------------------------------------------
```

SELECTING OF PRODUCT(via CATEGORIES):

```
--------------------------------------------------------------
Enter your choice1
PLEASE SELECT FROM FOLLOWING CATEGORIES:
('food',)
('Bodycare',)
Enter category to searchfood
--------------------------------------------------------------
PRODUCT NUMBER  1
Product ID:  101
Category:  food
Name:  bhujiya
Quantity available:  501
Price:  60
Brand Name:  Haldiram
Seller ID:  203
--------------------------------------------------------------
--------------------------------------------------------------
PRODUCT NUMBER  2
Product ID:  103
Category:  Food
Name:  Milky Bar
Quantity available:  1200

Price:  40
Brand Name:  COCO
Seller ID:  206
--------------------------------------------------------------
```

SELECTING OF PRODUCT (via BRANDS):

```
--------------------------------------------------------------
Press 1 to search via categories:
Press 2 to search via brands:
Press 3 to view all products:
Press 4 to go to previous menu:
Press 5 to exit:
--------------------------------------------------------------
Enter your choice2
PLEASE SELECT FROM FOLLOWING BRANDS:
('Haldiram',)
('Dove',)
('COCO',)
Enter category to searchHaldiram
--------------------------------------------------------------
PRODUCT NUMBER  1
Product ID:  101
Category:  food
Name:  bhujiya
```

```
Quantity available:  501
Price:  60
Brand Name:  Haldiram
Seller ID:  203
```

SELECTING OF PRODUCT (via ALL PRODUCTS):

```
Press 1 to search via categories:
Press 2 to search via brands:
Press 3 to view all products:
Press 4 to go to previous menu:
Press 5 to exit:

---------------------------------------------------------------
Enter your choice3
Following are all the products available:
---------------------------------------------------------------
PRODUCT NUMBER  1
Product ID:  101
Category:  food
Name:  bhujiya
Quantity available:  489
Price:  60
Brand Name:  Haldiram
Seller ID:  203
---------------------------------------------------------------
---------------------------------------------------------------
PRODUCT NUMBER  2
Product ID:  102
Category:  Bodycare
Name:  Dove soap
Quantity available:  2000
Price:  120
Brand Name:  Dove
Seller ID:  204

-------------------------------------------------------------
-------------------------------------------------------------
PRODUCT NUMBER  3
Product ID:  103
Category:  Food
Name:  Milky Bar
Quantity available:  1180
Price:  40
Brand Name:  COCO
Seller ID:  206
```

TO PLACE ORDER:

```
------------------------------------------------------------
TO PLACE ORDER ENTER 55
TO GO BACK TO PREVIOUS MENU ENTER 77
Enter your choice: 55
TO PLACE ORDER ENTER THE FOLLOWING DETAILS:
------------------------------------------------------------
Enter your customer id to proceed: 10016
Enter the product id: 103
Enter quantity of product: 10
Your total amount is:  400
To confirm your order, Press 55
To search again, Press 22
Enter your choice: 55
------------------------------------------------------------
Your order is successfully placed
Your Transaction ID is:  7
Total amount:  400
------------------------------------------------------------
NOTE: Please note the transaction id for future references
```

```
To go back to the main menu, Press 1
Enter your choice: 1
```

TO VIEW PURCHASE HISTORY:

```
------------------------------------------------------------
**************************** MENU ****************************
------------------------------------------------------------
MENU
PRESS 1 TO SEARCH
PRESS 2 TO VIEW PURCHASE HISTORY
PRESS 3 TO PLACE ORDER
PRESS 4 TO RETURN
PRESS 5 TO CANCEL ORDER
PRESS 6 TO GIVE FEEDBACK
PRESS 7 TO EXIT
------------------------------------------------------------
Enter your choice: 2
------------------------------------------------------------
Enter your customer id to proceed: 10016
------------------------------------------------------------
ORDER NUMBER:  1
Transaction ID:  6
Product ID:  103
Date of dispatch:  2024-12-29
```

```
Quantity placed:  10
Price:  40
Total Amount:  400
------------------------------------------------------------
------------------------------------------------------------
ORDER NUMBER:  2
Transaction ID:  7
Product ID:  103
Date of dispatch:  2024-12-29
Quantity placed:  10
Price:  40
Total Amount:  400
```

RETURN OF PRODUCT:

```
------------------------------------------------------------
**************************** MENU ****************************
------------------------------------------------------------
MENU
PRESS 1 TO SEARCH
PRESS 2 TO VIEW PURCHASE HISTORY
PRESS 3 TO PLACE ORDER
PRESS 4 TO RETURN
PRESS 5 TO CANCEL ORDER
PRESS 6 TO GIVE FEEDBACK
PRESS 7 TO EXIT
------------------------------------------------------------
Enter your choice: 4

Enter your customer id:10016
Enter your product id:103
Enter your transition id:7
------------------------------------------------------------
Press 1, If your product is damage:
Press 2,If your product is broken:
Press 3,wrong item:
Press 4,If wrong fitting:
Press 5,If any other reason type below:
------------------------------------------------------------
Enter your choice:5
Please enter your reasonthe chocolate I received is expired
```

EXCHANGE OF PRODUCT:

```
Press 1,If you want to exchange
Press 2,If you want to cancel
Enter your choice:1
-------------------------------------------------------------
Enter your customer id: 10016
Enter Product Id: 103
Press 1, if you want to rebuy the same product
Press 2,if you want to buy anythingelse
Enter your choice1
TO PLACE ORDER ENTER THE FOLLOWING DETAILS:
```

```
-------------------------------------------------------------
Enter your customer id to proceed: 10016
Enter the product id: 103
Enter quantity of product: 10
Your total amount is:   400
To confirm your order, Press 55
To search again, Press 22
Enter your choice: 55
-------------------------------------------------------------
Your order is successfully placed
Your Transaction ID is:   10
Total amount:   400
-------------------------------------------------------------
NOTE: Please note the transaction id for future references
To go back to the main menu, Press 1
Enter your choice: 1
```

TO CANCEL PRODUCT:

```
-------------------------------------------------------------
*************************** MENU ****************************
-------------------------------------------------------------
MENU
PRESS 1 TO SEARCH
PRESS 2 TO VIEW PURCHASE HISTORY
```

```
PRESS 3 TO PLACE ORDER
PRESS 4 TO RETURN
PRESS 5 TO CANCEL ORDER
PRESS 6 TO GIVE FEEDBACK
PRESS 7 TO EXIT
-----------------------------------------------------------
Enter your choice: 5
-----------------------------------------------------------
Enter your customer id: 10016
Enter Product Id: 103
Enter Transaction ID:10
Your order is succesfully cancelled
```

TO GIVE FEEDBACK:

```
-----------------------------------------------------------
*************************** MENU ****************************
-----------------------------------------------------------
MENU
PRESS 1 TO SEARCH
PRESS 2 TO VIEW PURCHASE HISTORY
PRESS 3 TO PLACE ORDER
PRESS 4 TO RETURN
PRESS 5 TO CANCEL ORDER
PRESS 6 TO GIVE FEEDBACK

PRESS 7 TO EXIT
-----------------------------------------------------------
Enter your choice: 6
-----------------------------------------------------------

Your valuable feedbacks are always appreciated
Please spare a few moments to give your opinion
To give opinion about our app press 22
To give opinion about a specific product press 33
Enter your choice: 22
Give your opinion below
Type your suggestionsvery wonderful app easy to use
Enter your customer id: 10016
Thank You for your feedback
```

TO EXIT :

```
-----------------------------------------------------------
*************************** MENU ***************************
-----------------------------------------------------------
MENU
PRESS 1 TO SEARCH
PRESS 2 TO VIEW PURCHASE HISTORY
PRESS 3 TO PLACE ORDER
PRESS 4 TO RETURN
PRESS 5 TO CANCEL ORDER
PRESS 6 TO GIVE FEEDBACK
PRESS 7 TO EXIT
-----------------------------------------------------------

Enter your choice: 7
THANK YOU FOR USING BLUEBERRY
-----------------------------------------------------------
```

SELLER'S OUTPUT:

STARTING INTERFACE:

```
-----------------------------------------------------------
------------------------Namaste---------------------------
************************ Welcome to Blueberry ************************
-----------------------------------------------------------
What is your role:
Press 1 for SELLER
Press 2 for CUSTOMER
Enter 1 or 2:1
```

SELLER'S INTERFACE:

```
-----------------------------------------------------------------
If already a user,press 1
If new press 2 login to create acc
Enter 1 or 2: 2
-----------------------------------------------------------------
```

SELLER'S SIGN IN:

```
-----------------------------------------------------------------
Enter your full name: sumeet panigrahi
Enter a Username:sumu@2005
Enter a Password:2005
Enter a Brand Name:ball
Enter your contact no:1234567890
Enter your email id:sumeet@gmail.com
Your account is succesfully created
Your seller ID is: 209
-----------------------------------------------------------------
```

SELLER'S LOGIN:

```
Enter a Username:sumu@2005
Enter a Password:2005
```

SELLER'S MENU:

```
-----------------------------------------------------------------
*************************** MENU ****************************
-----------------------------------------------------------------
To Add Item, Enter 1
To Delete Item, Enter 2
To update Item, Enter 3
To give feedback, Enter 4
To view your product_id, Enter 5
To exit, Enter 6
```

TO ADD A PRODUCT:

```
----------------------------------------------------------------
***************************** MENU *****************************
----------------------------------------------------------------
To Add Item, Enter 1
To Delete Item, Enter 2
To update Item, Enter 3
To give feedback, Enter 4
To view your product_id, Enter 5
To exit, Enter 6
Enter your choice:1
----------------------------------------------------------------
Enter category of product:toys
Enter name of product:football
Enter quantity of product:500
Enter price of product:200
Enter your seller ID:209
Enter your brand name:ball
----------------------------------------------------------------
Your product ID is  105
Your product is succesfully added
```

TO DELETE ITEM:

```
----------------------------------------------------------------
***************************** MENU *****************************
----------------------------------------------------------------
To Add Item, Enter 1
To Delete Item, Enter 2
To update Item, Enter 3
To give feedback, Enter 4
To view your product_id, Enter 5
To exit, Enter 6
Enter your choice:2
----------------------------------------------------------------
Enter product_ID: 106
Your produce is succesfully deleted
----------------------------------------------------------------
```

TO UPDATE ITEM:

```
-----------------------------------------------------------------
*************************** MENU ****************************
-----------------------------------------------------------------
To Add Item, Enter 1
To Delete Item, Enter 2
To update Item, Enter 3
To give feedback, Enter 4
To view your product_id, Enter 5
To exit, Enter 6
```

(UPDATE OF PRICE)

```
-----------------------------------------------------------------
Press 1, To update price
Press 2, To update quantity
Press 3, To change produce name
Press 4, To change brand name
Press 5, To change category
Enter your choice: 1
Enter product ID: 105
Enter price to update: 200
Price is succesfully updated
```

(UPDATE OF QUANTITY)

```
-----------------------------------------------------------------
Press 1, To update price
Press 2, To update quantity
Press 3, To change produce name
Press 4, To change brand name
Press 5, To change category
Enter your choice: 2
Enter product ID: 105
Enter quantity to update: 1200
Quantity is succesfully updated
```

(UPDATE OF PRODUCE NAME)
```
------------------------------------------------------------
Press 1, To update price
Press 2, To update quantity
Press 3, To change produce name
Press 4, To change brand name
Press 5, To change category
Enter your choice: 3
Enter product ID: 105
Enter name of product to update: gogoball
Name of produce is succesfully updated
```

TO GIVE FEEDBACK:

```
------------------------------------------------------------
------------------------------------------------------------
*************************** MENU ***************************
------------------------------------------------------------
To Add Item, Enter 1
To Delete Item, Enter 2
To update Item, Enter 3
To give feedback, Enter 4
To view your product_id, Enter 5
To exit, Enter 6
Enter your choice:4
------------------------------------------------------------
Your valuable feedbacks are always valued
Please spare a few moments to give your opinion
Give your opinion below
Type your suggestions: very good app , easy to use··)
Enter your seller ID: 204
Enter rating out of 5:5
Thank You for your feedback
```

TO EXIT:

```
---------------------------------------------------------------
---------------------------------------------------------------
*************************** MENU ****************************
---------------------------------------------------------------
To Add Item, Enter 1
To Delete Item, Enter 2
To update Item, Enter 3
To give feedback, Enter 4
To view your product_id, Enter 5
To exit, Enter 6
Enter your choice:6
THANK YOU FOR USING BLUEBERRY
---------------------------------------------------------------
```

BIBLIOGRAPHY:

In order to work on this project titled - E-COMMERCE the following books and websites are referred by me during the various phases of development of the project.

1. Computer science with PYTHON (Sumita Arora)

2. www.python.com

3. https://docs.google.com/forms/

4. https://www.geeksforgeeks.org/

5. https://www.datacamp.com/

6. https://www.w3schools.com/

Other than the above-mentioned books, the suggestions and supervision of my teacher and my class experience also helped me to develop this software project.

THANK YOU