

AMRITA VIDYALAYAM

SHOE SHOP MANAGEMENT

SUBMITTED TO

**Ms. Sajisha Nikhil
PGT- Computer Sci.**

SUBMITTED BY

**Purva Shah
XII-(Science)
Board Roll No.**

CERTIFICATE

This is to certify that Purva Shah of class XII(Science), Amrita Vidyalayam has successfully carried out the project entitled "Shoe Shop Management" as prescribed by CBSE under the AISSCE course in the year 2021-2022.

Examiner

Teacher-in-Charge

Sajisha Nikhil

Principal

Shital P Nair

School Stamp

DECLARATION

I hereby declare that the project work entitled

“Shoe Shop Management”

Submitted

To Amrita Vidyalayam is a record of original work done
by me under the guidance of Ms. Sajisha Nikhil,
Computer Science Instructor.

PURVA SHAH

XII- (SCIENCE)

AMRITA VIDYALAYAM

ACKNOWLEDGEMENT

This project is humbly presented for kind appraisal, sincere comments, suggestions and critical evaluation.

First of all, I extend my humble gratitude to our beloved **“AMMA”** with whose grace, I could successfully complete the project.

With a deep sense of gratitude, I would like to thank our Principal **SHITAL P. NAIR** for giving me an opportunity to work on this project.

I am highly indebted to my Computer Science Teacher **MRS. SAJISHA NIKHIL** who has supported and mentored me throughout the project.

I am grateful to our **ADMINISTRATOR** and all the other teaching and non-teaching staff for their valuable guidance.

I am thankful to my parents and friends for their valuable suggestion, without which this project would not have been a success.

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Hardware and software used

System requirements:

Processor: Intel core i5 processor 4300M at 2.60 GHz

Disk space: 4 Gb

Operating Systems: Windows 10

Python version: 3.8

Software used:

Spyder (Anaconda Navigator - python)

Word

My sql

PROJECT FORNT AND BACK END

Front end: Python

Python is a coding language which is use to develop software. In this project python works as the front end where the coding is done and the data input is taken.

Back end: My sql

My sql is used as the back end as the values taken in python are stored in the sql database.

Introduction

The Shoe Shop Management System is a database project which uses simple Python Language with mysql to monitor and execute simple tasks like:

- ❖ Showing a menu and asking for users to do the following:
 - Adding :
 1. customer details
 2. Shoe details (stock)
 - Displaying:
 1. customer details
 2. Shoe details (stock)
 - Searching:
 1. Customer by Customer id
 2. Shoe by shoebrand
 - Modifying details
 - Deleting details

This project can help in efficiently managing shoe shop.

Objective

This project is based on the way in which management is done in the stores. Here, it is the shoe store management, this is helpful for the owners to easily manage stock of shoes and to keep the records of the customer who shopped at their store, and it is also helpful in calculating the sales. This project saves time as we can find all the data related to shop at a single place.

Code Description

As mentioned above our project is based on database management system. This is a single user role system that is can be accessed by One person only(Manager/ Admin). First part of code consists the establishment of connection between mysql and python. This is done to enter as well as store data for further use. After that screen appears which welcomes the user and ask the person to either login or exit. If he/she chooses login then he/she has to enter the correct password to login. After that a menu with various options is displayed. The menu consists of Adding details, Modifying details, Displaying details, and Deleting details. The code id run in a loop so tht the person can exit from the loop whenever he/she wants by choosing logout/exit option.

MODULES USED

Mysqlconnector

- Used to connect mysql with python so that we can work with both at the same time

Datetime

- Used to display the current time and date

Coding

```

if password=='abc@123':
    while password=='abc@123':
        print('\n'*75)
        print(' t\ t\ t\ t WELCOME')
        print('*75)
        print('1. Add Customer details')
        print('2. Add Shoe details')
        print('3. Display one Customer details')
        print('4. Display all Customer details')
        print('5. Display all Shoe details')
        print('6. Display a record from shoe details')
        print('7. Modify a record from customers details')
        print('8. Delete particular record from Customer details')
        print('9. Delete all records from Shoe details')
        print('10. Logout')
        choice=int(input('Enter Your Choice: '))
        if choice==1:
            print('\n')
            print('*'*75)
            Cname=input('Enter Customer name: ')
            Cid=input('Enter customer id: ')
            Phonenumber=int(input('Enter the contact number:'))
            Age=int(input('Enter customer"s age: '))
            sql_insert="insert into " + tablename+ "
values("+(Cname)+",(Cid)+", "+str(Phonenumber)+","+str(Age)+""
mycursor.execute(sql_insert)
mydb.commit()
print('\nRecord added')
print()
print('*'*75)
elif choice==2:
    print()
    print('*'*75)
    Shoebrand=input('Enter Shoe brand: ')
    Size=int(input('Enter the shoe size: '))
    Colour=input('Enter the colour of shoe: ')
    Prize=int(input('Enter the shoe prize: '))
    sql_insert="insert into " +Tname+ " values("+(Shoebrand)+",
str(Size)+", "+(Colour)+", "+str(Prize)+""
mycursor.execute(sql_insert)
mydb.commit()
print('\nRecord added')

```

```

print()
print('*'*75)
elif choice==3:
    print()
    print('*'*75)
    try:
        ci=input('Enter the customerid of the customer to be displayed: ')
        q="select * from "+tablename+" where cid= "+ci
        mycursor.execute(q)
        myrecord=mycursor.fetchone()
        print("\n\nRecord of customer with Cid: "+ci)
        print(myrecord)
        c=mycursor.rowcount
        if c==1:
            print('No such record to display')
            print()
            print('*'*75)
    except Exception as e:
        print('Sorry!\nSomething went wrong')
        print(e)
        print('*'*75)
elif choice==4:
    try:
        query="Select * from " +tablename
        mycursor.execute(query)
        rec=mycursor.fetchall()
        print('*'*75)
        for r in rec:
            print(r)
        print('*'*75)
    except Exception as e:
        print('Sorry!\nSomething went wrong')
        print(e)
        print('*'*75)
elif choice==5:
    try:
        query="select * from "+Tname
        mycursor.execute(query)
        rec=mycursor.fetchall()
        print('*'*75)
        for r in rec:
            print(r)

```

```

print('*'*75)
except:
    print('Sorry!\nSomething went wrong')
    print()
    print('*'*75)
elif choice==6:
    print()
    print('*'*75)
    try:
        sb=input('Enter the brand of the shoe to be displayed: ')
        q="select * from "+Tname+" where Shoebrand = "+sb
        mycursor.execute(q)
        myrecord=mycursor.fetchone()
        print('\n\n Record of show with barnd: '+sb+' is: ')
        print(myrecord)
        c=mycursor.rowcount
        if c==-1:
            print('No such record to display')
            print()
            print('*'*75)
    except Exception as e:
        print('Sorry!\nSomething went wrong')
        print(e)
        print('*'*75)
elif choice==7:
    try:
        m=input('Enter the id of customer to be modified: ')
        want="select * from "+tablename+" where Cid= "+m
        mycursor.execute(want)
        record=mycursor.fetchone()
        c=mycursor.rowcount
        if c==-1:
            print("Customer with customer id "+m+" does not exist")
        else:
            cn=record[0]
            ci=record[1]
            pn=record[2]
            ag=record[3]
            print('Name: ',cn,'\n','Phone: ',pn,'\n','Age: ',ag)
            print('Record is: ')
            print('Customer Name :',cn)
            print('Customer Id :',ci)

```

```

print('Phone Number :',pn)
print('Age      :',ag)
print('*75)
print('Type value to be modified below')
print('Just press Enter for no Change')
name=input('Enter Name: ')
if len(name)>0:
    cn=name
n=int(input('Enter phone number: '))
if len(str(n))>0:
    pn=n
a=int(input('Enter Age of customer: '))
if len(str(a))>0:
    ag=a
query='update '+tablename+ ' set
Cname='''+cn+'''+'+'Phonenumber='''+str(pn)+'''+'+'Age='''+str(ag)+''' where
Cid='''+m
print(query)
mycursor.execute(query)
mydb.commit()
print('Record modified')
except Exception as e:
    print('Sorry \nSomething went wrong')
    print(e)
elif choice==8:
    try:
        c=input('Enter Customer id of the customer to be deleted: ')
        q="Delete from "+tablename+" where Cid= "+c
        mycursor.execute(q)
        mydb.commit()
        cnt=mycursor.rowcount
        if cnt>0:
            print('Deletion done')
        else:
            print('Nothing is deleted')
    except Exception as e:
        print(e)
        print('Sorry!\nSomething went wrong')
elif choice==9:
    print('\n'*1-*75)
    try:
        ch=input('Do you want to delete all the records (y/n): ')

```

```
if ch.upper()=='Y':  
    mycursor.execute('delete from ' +Tname)  
    mydb.commit()  
    print('All the records are deleted')  
    print()  
    print('*'*75)  
else:  
    print("Please enter a valid choice")  
except Exception as e:  
    print('Sorry!\\nSomething went wrong')  
    print(e)  
    print('*'*75)  
elif choice==10:  
    print('Thank you for visit \\nVisit again')  
    break  
else:  
    print('Please enter a valid choice')  
else:  
    print('Sorry! \\n Wrong password \\n Try again')  
if pchoice==2:  
    print('Bye')
```

Outputs

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| school |
| school1 |
| sys |
+-----+
6 rows in set (0.54 sec)
```

→

```
Enter the name of your database: shoe
Database created successfully

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| school |
| school1 |
| shoe |
| sys |
+-----+
7 rows in set (0.00 sec)
```

```
Enter the name of your database: shoe
Database created successfully

Name of the table to be created for shoes: shoes
Table shoes created successfully

Name of table to be created for customers: customer
Table customer created successfully
*****  
WELCOME TO SHOE STORE  
2022-01-14 15:26:13.464924
*****
```

=====

```
1. Login
2. Exit
=====
```

```
mysql> show tables;
+-----+
| Tables_in_shoe |
+-----+
| customer |
| shoes |
+-----+
```

```
mysql> desc shoes;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Shoebrand | varchar(30) | YES | NULL | NULL |
| Size | int | YES | NULL | NULL |
| Colour | varchar(15) | NO | NULL | NULL |
| Prize | int | YES | NULL | NULL |
+-----+-----+-----+-----+-----+
4 rows in set (0.07 sec)
```

```
mysql> desc customer;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Cname | varchar(30) | YES | NULL | NULL |
| Cid | varchar(5) | YES | NULL | NULL |
| Phonenumber | int | YES | NULL | NULL |
| Age | int | YES | NULL | NULL |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
Enter Your Choice: 1
*****
Enter Customer name: Aarya
Enter customer id: A0001
Enter the contact number:974638988
Enter customer's age: 32
Record added
*****
```

```
Enter Your Choice: 1
*****
Enter Customer name: Chris
Enter customer id: A2300
Enter the contact number:898998564
Enter customer's age: 21
Record added
*****
```

```
mysql> select * from customer;
+-----+-----+-----+-----+
| Cname | Cid   | Phonenumber | Age  |
+-----+-----+-----+-----+
| Aarya | A0001 | 974638988 | 32  |
| Chris | A2300 | 898998564 | 21  |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
Enter Your Choice: 2
*****
Enter Shoe brand: Nike
Enter the shoe size: 7
Enter the colour of shoe: Black
Enter the shoe prize: 7500
Record added
*****
```

```
Enter Your Choice: 2
*****
Enter Shoe brand: Puma
Enter the shoe size: 6
Enter the colour of shoe: Grey
Enter the shoe prize: 9000
Record added
*****
```

```
mysql> select * from shoes;
+-----+-----+-----+-----+
| Shoebrand | Size | Colour | Prize |
+-----+-----+-----+-----+
| Nike      | 7    | Black   | 7500  |
| Puma      | 6    | Grey    | 9000  |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
Enter Your Choice: 3
*****
Enter the customerid of the customer to be displayed: 'A0001'

Record of customer with Cid: 'A0001'
('Aarya', 'A0001', 974638988, 32)
```

```
mysql> select * from customer;
+-----+-----+-----+-----+
| Cname | Cid   | Phonenumber | Age  |
+-----+-----+-----+-----+
| Aarya | A0001 | 974638988 | 32  |
| Chris | A2300 | 898998564 | 21  |
| Ziya  | A3940 | 958364829 | 56  |
| Ravi  | A2434 | 987123645 | 18  |
| Mishit | Q0001 | 980675885 | 43  |
+-----+-----+-----+-----+
```



```
Enter Your Choice: 4
=====
('Aarya', 'A0001', 974638988, 32)
('Chris', 'A2300', 898998564, 21)
('Ziya', 'A3940', 958364829, 56)
('Ravi', 'A2434', 987123645, 18)
('Mishit', 'Q0001', 980675885, 43)
=====
```

```
mysql> select * from shoes;
+-----+-----+-----+-----+
| Shoebrand | Size | Colour | Prize |
+-----+-----+-----+-----+
| Nike      | 7    | Black   | 7500  |
| Puma      | 6    | Grey    | 9000  |
| Nike      | 8    | Skyblue | 5699  |
| Adidas    | 7    | BlueBlack | 9999  |
| Bata      | 6    | Red     | 6599  |
| Bata      | 8    | White   | 10000 |
| Nike      | 7    | Ivory   | 8999  |
| Rebook    | 9    | Yellow  | 5699  |
| Nike      | 7    | Neon    | 14999 |
+-----+-----+-----+-----+
```



```
Enter Your Choice: 5
=====
('Nike', 7, 'Black', 7500)
('Puma', 6, 'Grey', 9000)
('Nike', 8, 'Skyblue', 5699)
('Adidas', 7, 'BlueBlack', 9999)
('Bata', 6, 'Red', 6599)
('Bata', 8, 'White', 10000)
('Nike', 7, 'Ivory', 8999)
('Rebook', 9, 'Yellow', 5699)
('Nike', 7, 'Neon', 14999)
=====
```

```
Enter Your Choice: 6
*****
Enter the brand of the shoe to be displayed: 'Puma'

Record of show with barnd: 'Puma' is:
('Puma', 6, 'Grey', 9000)
```

```
Enter Your Choice: 6
*****
Enter the brand of the shoe to be displayed: 'Nike'

Record of show with barnd: 'Nike' is:
('Nike', 7, 'Black', 7500)
```

```

Enter Your Choice: 6
*****
Enter the brand of the shoe to be displayed: 'Rebook'

Record of show with barnd: 'Rebook' is:
('Rebook', 9, 'Yellow', 5699)

```

```

Enter Your Choice: 7
Enter the id of customer to be modified: "A2000"
Customer with customer id "A2000" does not exist

```

```

Enter Your Choice: 7
Enter the id of customer to be modified: "A2300"
Name: Chris
Phone: 898998564
Age: 21
Record is:
Customer Name      : Chris
Customer Id        : A2300
Phone Number       : 898998564
Age                : 21
-----
Type value to be modified below
Just press Enter for no Change

Enter Name:
Enter phone number: 981726354

Enter Age of customer: 21
update customer set Cname='Chris',Phonenumber='981726354',Age=21 where Cid="A2300"
Record modified

```

```

Enter Your Choice: 3
*****
Enter the customerid of the customer to be displayed: "A2300"

Record of customer with Cid: "A2300"
('Chris', 'A2300', 981726354, 21)

```

```

mysql> select * from customer;
+-----+-----+-----+-----+
| Cname | Cid  | Phonenumber | Age  |
+-----+-----+-----+-----+
| Aarya | A0001 | 974638988 | 32  |
| Chris | A2300 | 898998564 | 21  |
| Ziya  | A3940 | 958364829 | 56  |
| Ravi   | A2434 | 987123645 | 18  |
| Mishit | Q0001 | 980675885 | 43  |
+-----+-----+-----+-----+

```

```

Enter Your Choice: 8
Enter Customer id of the customer to be deleted: "Q0001"
Deletion done

mysql> select * from customer;
+-----+-----+-----+-----+
| Cname | Cid  | Phonenumber | Age  |
+-----+-----+-----+-----+
| Aarya | A0001 | 974638988 | 32  |
| Chris | A2300 | 898998564 | 21  |
| Ziya  | A3940 | 958364829 | 56  |
| Ravi   | A2434 | 987123645 | 18  |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

```

Bibliography

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