A PROJECT REPORT

ON

ONLINE SHOE SHOPPING SYSTEM

FOR

AISSCE 2022 EXAMINATION

As a part of the Informatics Practices Course (065)

SUBMITTED BY:

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CERTIFICATE

This is to certify that the Project / Dissertation entitled **Project Name** is a bonafide work done by **Ms. ……..** of class **XII** in partial fulfillment of CBSE's AISSCE Examination 2020-21 and has been carried out under my direct supervision and guidance. This report or a similar report on the topic has not been submitted for any other examination and does not form a part of any other course undergone by the candidate.

Signature of Student
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Place: JP Nagar

Date:……

ACKNOWLEDGEMENT

I would like thank the institution for giving the opportunity to encase and display our talent through this project.

I would like to thank my Informatics Practices teacher **Mr.SivaPrasad G** for having the patience to guide me at every step in this project

I am also grateful to the **CBSE BOARD** for challenging and giving us this project in which we all were so engrossed.

I would also like to thank my parents and friends who helped me in getting the right information for this project.

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ABSTRACT

This is a small project for Online Shoe Shopping System. This system allows the customer to place an order for the product and receive service from the store. We have designed an interface to store all details of product and customer in a database using python. The tables containing the details of product, customer and sold product were designed using mysql.

The Online Shoe Shopping System enables administrators to create an account by entering credentials(ex:username and password). By using this software, the details of product(shoes), customer and sold product can be stored. In addition, we can insert and select new product details, update and delete existing product details. Also, it allows the user to easily search for the product details using product id. Using this information we can obtain table containing product details and we can also generate bar graph for the products. This project will be useful for those who want to purchase shoes online.

SYSTEM REQUIREMENTS

Hardware Components:

1. VGA Monitor
2. Qwerty keyboard
3. 2GB RAM
4. 2.6 GHz Processor
5. Graphics card

Software Components:

1. Windows 7
2. Python 3.7 with suitable modules
3. MySQL Command Client

DATABASE DESIGN

Name of the project: **Online Shoe Shopping System.**

Table created for this project:

1. **Admins.**
2. **Product detail.**
3. **Customer detail.**
4. **Sold_product detail.**

In the following "**admins**", we will store the credentials of database admins.

```
mysql> desc admins;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| username | varchar(20) | NO   | PRI | NULL    |       |
| password | varchar(20) | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
2 rows in set (0.70 sec)
```

In the following "**product_details**", we will store the details of all products.

```
mysql> desc product_details;
+----------+--------------+------+-----+---------+-------+
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| prodID   | int          | NO   | PRI | NULL    |       |
| brand    | varchar(20)  | YES  |     | NULL    |       |
| price    | decimal(7,2) | YES  |     | NULL    |       |
| colour   | varchar(20)  | YES  |     | NULL    |       |
| shoesize | int          | YES  |     | NULL    |       |
+----------+--------------+------+-----+---------+-------+
5 rows in set (0.27 sec)
```

In the following "**customer_details**", we will store the details of all customers.

```
mysql> desc customer_details;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| custID       | int         | YES  |     | NULL    |       |
| custname     | varchar(20) | YES  |     | NULL    |       |
| mobile_no    | int         | YES  |     | NULL    |       |
| address      | varchar(20) | YES  |     | NULL    |       |
| item_details | int         | YES  |     | NULL    |       |
| puchase_date | timestamp   | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
6 rows in set (0.23 sec)
```

In the following "**soldprod_details**", we will store the details of all sold products.

```
mysql> desc soldprod_details;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| custID  | int         | NO   | PRI | NULL    |       |
| prodID  | varchar(20) | NO   | PRI | NULL    |       |
| paydone | varchar(20) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (3.18 sec)
```

CODING

```
def admins():
    print('1. Existing Admin')
    print('2. NewAdmin')
    ch=int(input('Enter your choice'))
    if(ch==1):
        import pymysql


conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')
        a=conn.cursor()
        user=input('Enter User name')
        pwd=input('Enter password')
        s='select *from admins where username="'+user+'"'
        a.execute(s)
        r=a.rowcount
        if(r==0):
            print('Invalid username')
        else:
            s='select *from admins where password="'+pwd+'"'
```

```
a.execute(s)
r=a.rowcount
if(r==0):
  print('Invalid Password')
else:
  s='select *from admins where password="'+pwd+'"'
  a.execute(s)
  r=a.rowcount
  if(r==0):
    print('Invalid Password')
  else:
      while(True):
          print('1.Insert product')
          print('2.Search product')
          print('3.Update product')
          print('4.Delete product')
          print('5.Generate Bar graph for product')
          print('6.Complete table for product')
          print('7.Exit')
          ch=int(input('Enter your choice:'))
          if(ch==1):
```

```
                import pymysql

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')

                a=conn.cursor()

                prodID=int(input('Enter product ID:'))

                brand=input('Enter brand name:')

                price=float(input('Enter price:'))

                colour=input('Enter shoe colour:')

                shoesize=int(input('Enter shoe size:'))

                s1='insert into product_details
values('+str(prodID)+',"'+brand+'",'+str(price)+',"'+colour+'",'+str(shoesize)+')
'

                a.execute(s1)

                print('One product detail inserted successfully')

                conn.commit()


            elif(ch==2):

                import pymysql

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')

                a=conn.cursor()
```

```
            r=int(input('Enter product ID to be searched:'))
            s2='select *from product_details where prodID='+str(r)
            a.execute(s2)
            row=a.rowcount
            if(row>0):
                data=a.fetchmany(1)
                for i in data:
                    print('prodID=',i[0])
                    print('brand=',i[1])
                    print('price=',i[2])
                    print('colour=',i[3])
                    print('shoesize=',i[4])
            else:
                print('product ID',r,'details not found')
            conn.commit()
        elif(ch==3):
            import pymysql

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')
            a=conn.cursor()
```

```
            r=int(input('Enter product ID to be updated:'))
            s2='select * from product_details where prodID='+str(r)
            a.execute(s2)
            row=a.rowcount
            if(row>0):
                data=a.fetchmany(1)
                print('::::Existing details::::')
                for i in data:
                    print('prodID=',i[0])
                    print('brand=',i[1])
                    print('price=',i[2])
                    print('colour=',i[3])
                    print('shoesize=',i[4])
                nb=input('Enter new brand name:')
                np=float(input('Enter new price:'))
                nc=input('Enter new shoe colour:')
                ns=int(input('Enter new shoe size:'))
                s3='update product_details set
brand="'+nb+'",price='+str(np)+',colour="'+nc+'",shoesize='+str(ns)+' where
prodID='+str(r)+"
                a.execute(s3)
```

```
            print('product ID',r,'details updated')
        else:
            print('product ID',r,'details not found')
        conn.commit()

    elif(ch==4):
        import pymysql

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')
        a=conn.cursor()
        r=int(input('Enter product ID to be deleted'))
        s2='select *from product_details WHERE prodID='+str(r)
        a.execute(s2)
        row=a.rowcount
        if(row>0):
            data=a.fetchmany(1)
            print('::::Existing details::::')
            for i in data:
                print('prodID=',i[0])
                print('brand=',i[1])
```

```
                print('price=',i[2])
                print('colour=',i[3])
                print('shoesize=',i[4])
            y=int(input('Are sure to delete..press 1 to confirm'))
            if(y==1):
                s4='delete from product_details where prodID='+str(r)
                a.execute(s4)
                print('product ID',r,'details deleted')
            conn.commit()
        else:
            print('product ID',r,'details not found')


    elif(ch==5):
        import pymysql
        import matplotlib.pyplot as plt

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')
        a=conn.cursor()
        s2='select *from product_details'
        a.execute(s2)
```

```
            data=a.fetchall()
            L=[]
            M=[]
            for i in data:
                L.append(i[0])
                M.append(i[2])

            plt.bar(L,M)
            plt.show()
            conn.commit()

        elif(ch==6):
            import pymysql

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')
            a=conn.cursor()
            s2='select *from product_details'
            a.execute(s2)
            data=a.fetchall()
            for i in data:
```

```
                    for j in i:
                        print(j,end='\t')
                    print()
                conn.commit()



            elif(ch==7):
                break
            else:
                print('Invalid input')
                conn.commit()
    elif(ch==2):
        import pymysql

conn=pymysql.connect(host='localhost',user='root',password='Nimisha04',dat
abase='Ip_Project')
        a=conn.cursor()
        user=input('Enter User name')
        pwd=input('Enter password')
        s='insert into admins values("'+user+'","'+pwd+'")'
        a.execute(s)
```

```
        print(':::::::admin created successfully:::::::')
        conn.commit()
    else:
        print('Inavalid input..')
while(True):
    print('1.Admin')
    print('2.Exit')
    ch=int(input('Enter your choice'))
    if(ch==1):
        admins()
    elif(ch==2):
        break
    else:
        print('Inavalid input..')


admins()
```

OUTPUT SCREENS

Screen-1: Welcome screen

```
1.Admin
2.Exit
Enter your choice
```

Screen-2: Admin

```
1.Admin
2.Exit
Enter your choice1
1. Existing Admin
2. NewAdmin
Enter your choice
```

Screen-3: New admin

```
1. Existing Admin
2. NewAdmin
Enter your choice2
Enter User namerhea
Enter password012
:::::::admin created successfully::::::
```

Screen-4: Existing admin(Valid credentials)

```
1. Existing Admin
2. NewAdmin
Enter your choice1
Enter User namepqr
Enter passwordlmn
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:1
```

Screen-5: Insert product

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:1
Enter product ID:3336
Enter brand name:Gucci
Enter price:50000.00
Enter shoe colour:olivegreen
Enter shoe size:12
One product detail inserted successfully
```

Screen-6: Search product

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:2
Enter product ID to be searched:3333
prodID= 3333
brand= Reebok
price= 6150.00
colour= neon green
shoesize= 13
```

Screen-7: Update product

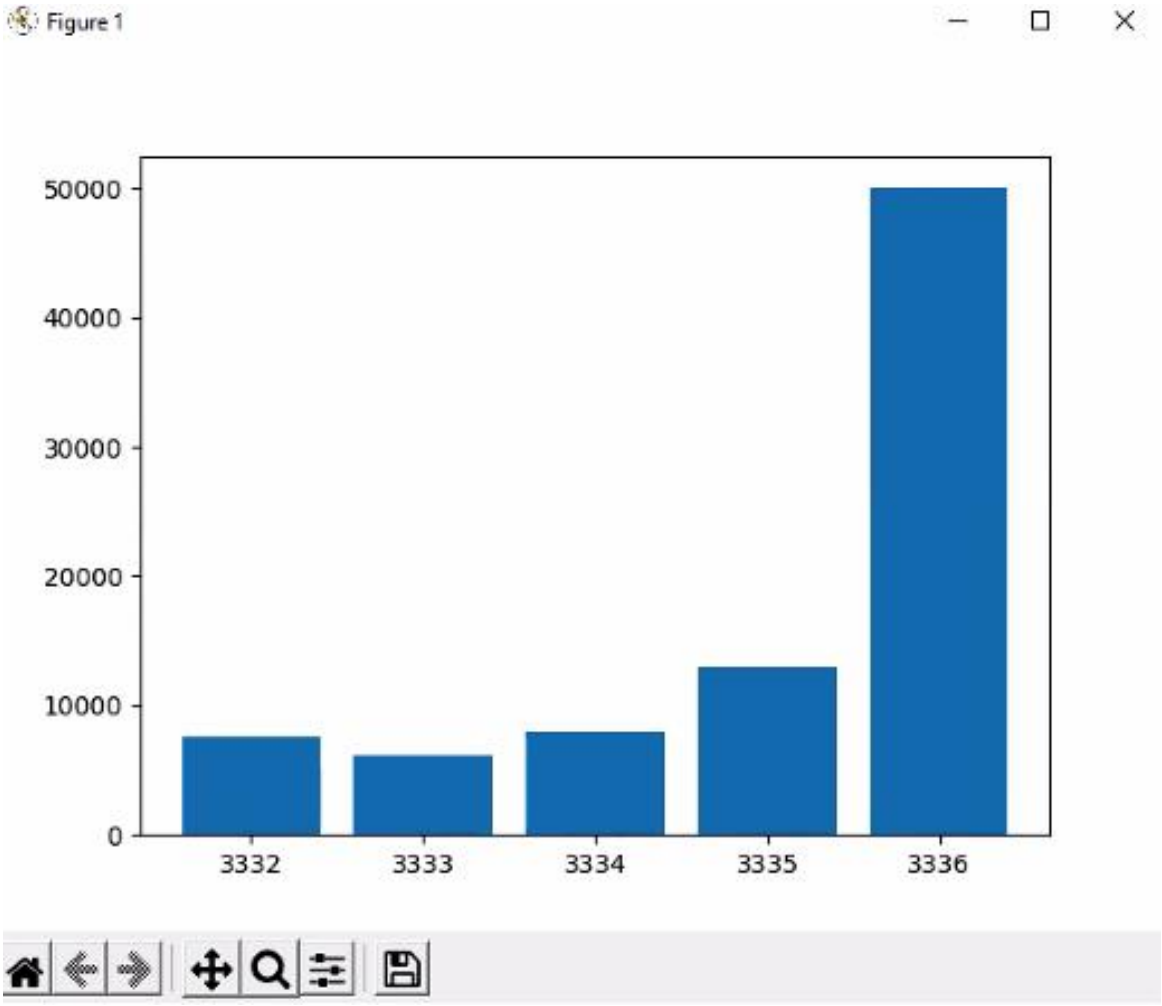
```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:3
Enter product ID to be updated:3335
::::Existing details::::
prodID= 3335
brand= Skechers
price= 13000.00
colour= mintgreen
shoesize= 14
Enter new brand name:Fila
Enter new price:13000.00
Enter new shoe colour:white
Enter new shoe size:14
product ID 3335 details updated
```

Screen-8: Delete product

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:4
Enter product ID to be deleted3331
::::Existing details::::
prodID= 3331
brand= Nike
price= 5000.00
colour= turquoise
shoesize= 13
Are sure to delete..press 1 to confirm1
product ID 3331 details deleted
```

Screen-9: Bar graph

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:5
```



Screen-10: Complete table for product

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:6
3332    Adidas  7500.00 magenta 12
3333    Reebok  6150.00 neon green      13
3334    Puma    8000.00 vantablack      12
3335    Fila    13000.00        white   14
3336    Gucci   50000.00        olivegreen      12
```

Screen-11: Exit

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:7
1.Admin
2.Exit
Enter your choice2
>>>
```

Screen-12: New admin

```
1.Admin
2.Exit
Enter your choice1
1. Existing Admin
2. NewAdmin
Enter your choice2
Enter User nameghj
Enter passwordasd
:::::::admin created successfully:::::::
```

Screen-13: Existing admin (Invalid username)

```
1.Admin
2.Exit
Enter your choice1
1. Existing Admin
2. NewAdmin
Enter your choice1
Enter User namelop
Enter password546
Invalid username
```

Screen-14: Existing admin (Invalid password)

```
1.Admin
2.Exit
Enter your choice1
1. Existing Admin
2. NewAdmin
Enter your choice1
Enter User namepqr
Enter password098
Invalid Password
```

Screen-15: search (Invalid product ID)

```
1.Insert product
2.Search product
3.Update product
4.Delete product
5.Generate Bar graph for product
6.Complete table for product
7.Exit
Enter your choice:2
Enter product ID to be searched:789
product ID 789 details not found
```

Screen-16: Admin exit

```
1.Admin
2.Exit
Enter your choice2
>>>
```

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