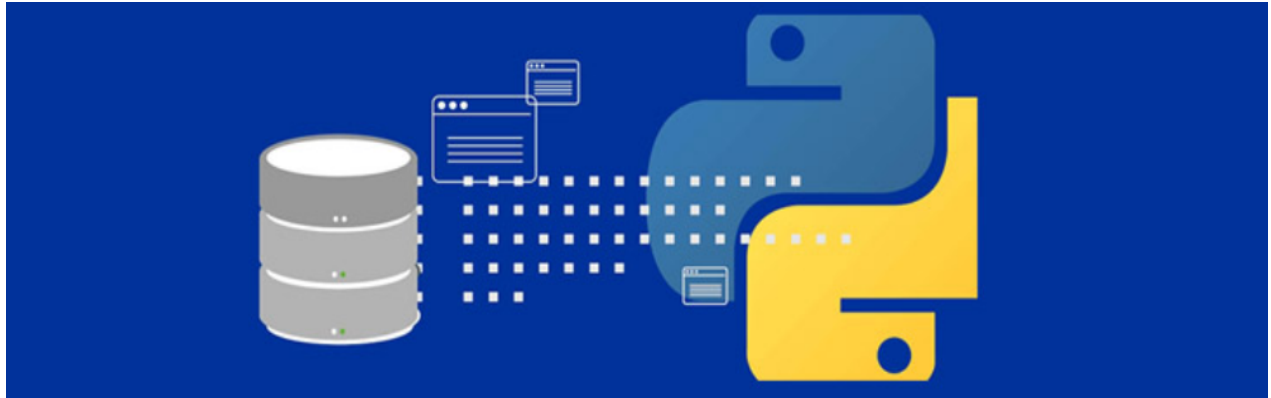


KENDRIYA VIDYALAYA NO.2 ITANAGAR, ARUNACHAL PRADESH



C.S. PROJECT PORTFOLIO

TOPIC: RESTAURANT MANAGEMENT SYSTEM

SUBMITTED BY

Abu Bakkar

XII A

Roll no: 18

SUBMITTED TO

Saroj K. Misra Sir

PGT (CS)

CERTIFICATE

This is to certify that **ABU BAKKAR**, of class XII 'A' Kendriya Vidyalaya No.2 Itanagar, Arunachal Pradesh has done project on **RESTAURANT MANAGEMENT SYSTEM** under the supervision of **Saroj K.Misra**. I have taken interest and have shown at most sincerity in completion of this project.

I certify this project to our expectation and as per guidelines issued by CBSE, NEW DELHI.

Internal Examiner

External Examiner

Principal

ACKNOWLEDGEMENT

It is my pleasure that I acknowledge my sincere gratitude to our teacher MR. S.K. MISRA who taught and undertook the responsibility of teaching the subject computer science. I have greatly benefited from his classes.

I would like to express my sincere appreciation for all the other students of my batch and their fine times that we all shared together.

Finally, I would like to thank our principal K.R. Meena who has always been a source of inspiration.

HARDWARE AND SOFTWARE REQUIRED

- HARDWARE

PC

MOBILE PHONE

- SOFTWARE

PYTHON (latest version)

MYSql Python Connector

CODING

#CONNECTION

```
import mysql.connector
x=mysql.connector.connect(host="localhost",user="root",password="admin123",database="mydata")
cbj=x.cursor()
```

#-----FOR VIEWING MENU SECTION-----

```
def vmen():
    q="select * from menu".format()
    cbj.execute(q)
    menu=cbj.fetchall()
    if len(menu)>0:
        print("\n\n\n-----Available Dishes-----\n\n\n")
        for i in menu:
            print("DISH NUMBER",i[0]," \n", "---->",i[1],"(TYPE:",i[3],")", " \n", "PRICE",i[2])
        print("\n\n")
    x.commit()
    yn=int(input("DO YOU WANT TO ORDER AN ITEM? type(1 for yes/2 for going back to main page): "))
    if yn==1:
        byo()
    else:
        print("THANK YOU")
        print("YOU HAVE BEEN REDIRECTED TO THE MAIN PAGE")
        return
```

#-----FOR BOOKING ORDER-----

```
def byo():
    ID=int(input("ENTER DISH NO. OF THE ITEM YOU WANT TO ORDER:"))
    QUANTITY=int(input("ENTER QUANTITY:"))
    NAME=input("ENTER YOUR NAME:")
    MOBNO=int(input("ENTER YOUR MOBILE NUMBER:"))
    ADDRESS=input("ENTER YOUR ADDRESS:")
    a="select * from menu where ID={}".format(ID)
    cbj.execute(a)
    a=cbj.fetchall()
    b=a[0][2]
    c=QUANTITY*b
    ins="insert into cusdet values({},{},{},{})".format(ID,QUANTITY,NAME,MOBNO,ADDRESS,c)
    cbj.execute(ins)
    print("\n","THANKS FOR YOUR ORDER","\n\n","YOUR ORDER HAS BEEN ORDERED SUCCESSFULLY","\n\n")
    print("YOU HAVE BEEN REDIRECTED TO THE MAIN PAGE")
    x.commit()
```

#-----FOR VIEWING ORDER-----

```
def vyo():
    c=int(input("enter your number:"))
    d="select * from cusdet where MOBNO={}".format(c)
    print("\n","YOUR RECENT ORDERS","\n\n")
    cbj.execute(d)
    p=cbj.fetchall()
    for i in p:
        r="select * from menu,cusdet where MOBNO={} and menu.ID=cusdet.ID".format(c)
        cbj.execute(r)
        e=cbj.fetchall()
        for j in e:
            print("ID:" ,j[0]," \n","ITEM NAME:" ,j[1]," \n","ITEM TYPE:" ,j[3]," \n","TOTALPRICE:" ,j[9]," \n","MOBILE NUMBER:" ,j[7]," \n","ADDRESS:" ,j[8]," \n")
    x.commit()
```

```
#-----FOR CANCELLING ORDER-----
```

```
def cyo():  
    c=int(input("enter your number:"))  
    e="delete from cusdet where MOBNO={}".format(c)  
    cbj.execute(e)  
    print("\n\n","YOUR ORDER HAS BEEN CANCELLED")  
    print("YOU HAVE BEEN REDIRECTED TO THE MAIN PAGE","\n\n")  
    x.commit()
```

```
#-----&&FEEDBACK&&-----
```

```
def fdbck():  
    fd=input("Enter your name:")  
    print("Write something about us --")  
    fdi=input()  
    q="insert into feedback values('{}','{}')".format(fd,fdi)  
    cbj.execute(q)  
    print("\n")  
    print("Thanks for your feedback :) ")  
    print("\n")  
    print("YOU HAVE BEEN REDIRECTED TO THE MAIN PAGE")  
    print("\n")  
    print("\n")  
    x.commit()
```

```
#-----WELCOME PAGE-----
```

```
def start():
    print("\n")
    print("\n")
    print("_____")
    print(".....")
    print("-----WELCOME TO-----")
    print(".....")
    print("[>GROVE STREET RESTUARANT<]")
    print(".....")
    print(".....")
    print("-----")
    print("\n")
    print("Press assigned keys for going forward")
    print("1. CUSTOMER ")
    print("2. EXIT ")
```

```
#-----WELCOME PAGE II -----
```

```
def start1():
    while True:
        print("\n")
        print("1. VIEW MENU")
        print("2. VIEW YOUR ORDERS")
        print("3. CANCEL ORDER")
        print("4. FEEDBACK")
        print("5. EXIT")
        ch1=int(input("enter your choice:"))
        if ch1==1:
            vmen()
        elif ch1==2:
            vyo()
        elif ch1==3:
            cyo()
        elif ch1==4:
            fdbck()
        elif ch1==5:
            start()
            break
        else:
            print("\n","INVALID CHOICE","\n","TRY AGAIN","\n")
            start1()

start()
```



```
#-----WELCOME PAGE INFINITE LOOP-----
```

```
while True:  
    ch=int(input("enter your choice:"))  
    if ch==1:  
        start1()  
    elif ch==2:  
        print("thank you")  
        break  
    else:  
        print("INVALID CHOICE", "\n", "TRY AGAIN")  
        start()
```

DATABASE

MENU SECTION

```
mysql> select * from menu;
```

ID	ITEM_NAME	PRICE	ITEM_TYPE
1	SHAHI PANEER	650	VEG
2	MASALA DOSA	600	VEG
3	CHICKEN TIKKA	800	NON VEG
4	CHICKEN TANDOORI	750	NON VEG
5	CHICKEN PANEER TIKKA	900	NON VEG
6	CHOLE BATHURE	400	VEG
7	LITTI CHOKHA	500	VEG
8	PANEER MAKHNI	550	VEG
9	PORK PASTA	700	NON VEG
10	PORK TIKKA	600	NON VEG
11	PORK PANEER TIKKA	800	NON VEG
12	STEAMED MOMO	160	VEG
13	FRIED MOMO	190	VEG
14	PANEER MOMO	250	VEG
15	CHICKEN MOMO(st)	250	NON VEG
16	CHICKEN MOMO(fr)	270	NON VEG
17	PORK MOMO(st)	300	NON VEG
18	PORK MOMO(fr)	330	NON VEG
19	CHOWMEIN	150	VEG
20	CHOWMEIN PASTA	180	VEG
21	CHICKEN CHOWMEIN	180	NON VEG
22	MIXED CHOWMEIN	190	NON VEG
23	VANILLA SHAKE	150	BEVERAGE
24	MANGO SHAKE	170	BEVERAGE
25	STRAWBERRY SHAKE	190	BEVERAGE
26	COFFEE	50	BEVERAGE
27	MILKSHAKE	80	BEVERAGE
28	DELUXE FEAST	1000	SPECIAL
29	ROYAL TABLE FEAST	1500	SPECIAL
30	TOP G FEAST	2000	SPECIAL

30 rows in set (0.00 sec)

DETAILS OF THE CUSTOMER

```
mysql> select * from cusdet;
+-----+-----+-----+-----+-----+-----+
| ID   | QUANTITY | NAME      | MOBNO  | ADDRESS  | TOTALPRICE |
+-----+-----+-----+-----+-----+-----+
| 26   | 5        | Suprit Das | 123456 | Rajbhawan | 250        |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

FEEDBACK FROM CUSTOMER

```
mysql> select * from feedback;
+-----+-----+
| NAME      | feedback |
+-----+-----+
| Suprit    | बहुत बढिया |
| Anonymus  | The non-veg dishes here are amazing. Recomeded to everyone. |
+-----+-----+
2 rows in set (0.00 sec)
```

OUTPUT

WELCOME PAGE AND VIEWING MENU

```
-----  
.....  
-----WELCOME TO-----  
.....  
[:>GROVE STREET RESTUARANT<:]  
.....  
-----
```

Press assigned keys for going forward*

1. CUSTOMER

2. EXIT

enter your choice:1

1. VIEW MENU

2. VIEW YOUR ORDERS

3. CANCEL ORDER

4. FEEDBACK

5. EXIT

enter your choice:1

-----Available Dishes-----

DISH NUMBER 1

----> SHAHI PANEER (TYPE: VEG)

PRICE 650

DISH NUMBER 2

----> MASALA DOSA (TYPE: VEG)

PRICE 600

DISH NUMBER 3

----> CHICKEN TIKKA (TYPE: NON VEG)

PRICE 800

DISH NUMBER 4

----> CHICKEN TANDOORI (TYPE: NON VEG)

PRICE 750

DISH NUMBER 5

----> CHICKEN PANEER TIKKA (TYPE: NON VEG)

PRICE 900

DISH NUMBER 6

----> CHOLE BATHURE (TYPE: VEG)

PRICE 400

DISH NUMBER 7

----> LITTI CHOKHA (TYPE: VEG)

PRICE 500

DISH NUMBER 8

----> PANEER MAKHNI (TYPE: VEG)

PRICE 550

DISH NUMBER 9

----> PORK PASTA (TYPE: NON VEG)

PRICE 700

DISH NUMBER 10

----> PORK TIKKA (TYPE: NON VEG)

PRICE 600

DISH NUMBER 11

----> PORK PANEER TIKKA (TYPE: NON VEG)

PRICE 800

DISH NUMBER 12

----> STEAMED MOMO (TYPE: VEG)

PRICE 160

DISH NUMBER 13

----> FRIED MOMO (TYPE: VEG)

PRICE 190

DISH NUMBER 14

----> PANEER MOMO (TYPE: VEG)

PRICE 250

DISH NUMBER 15

----> CHICKEN MOMO(st) (TYPE: NON VEG)

PRICE 250

DISH NUMBER 16
----> CHICKEN MOMO(fr) (TYPE: NON VEG)
PRICE 270
DISH NUMBER 17
----> PORK MOMO(st) (TYPE: NON VEG)
PRICE 300
DISH NUMBER 18
----> PORK MOMO(fr) (TYPE: NON VEG)
PRICE 330
DISH NUMBER 19
----> CHOWMEIN (TYPE: VEG)
PRICE 150
DISH NUMBER 20
----> CHOWMEIN PASTA (TYPE: VEG)
PRICE 180
DISH NUMBER 21
----> CHICKEN CHOWMEIN (TYPE: NON VEG)
PRICE 180
DISH NUMBER 22
----> MIXED CHOWMEIN (TYPE: NON VEG)
PRICE 190
DISH NUMBER 23
----> VANILLA SHAKE (TYPE: BEVERAGE)
PRICE 150
DISH NUMBER 24
----> MANGO SHAKE (TYPE: BEVERAGE)
PRICE 170

DISH NUMBER 25
----> STRAWBERRY SHAKE (TYPE: BEVERAGE)
PRICE 190
DISH NUMBER 26
----> COFFEE (TYPE: BEVERAGE)
PRICE 50
DISH NUMBER 27
----> MILKSHAKE (TYPE: BEVERAGE)
PRICE 80
DISH NUMBER 28
----> DELUXE FEAST (TYPE: SPECIAL)
PRICE 1000
DISH NUMBER 29
----> ROYAL TABLE FEAST (TYPE: SPECIAL)
PRICE 1500
DISH NUMBER 30
----> TOP G FEAST (TYPE: SPECIAL)
PRICE 2000

ORDERING AN ITEM

DO YOU WANT TO ORDER AN ITEM? type(1 for yes/2 for going back to main page): 1

ENTER DISH NO. OF THE ITEM YOU WANT TO ORDER:26

ENTER QUANTITY:5

ENTER YOUR NAME:Suprit Das

ENTER YOUR MOBILE NUMBER:123456

ENTER YOUR ADDRESS:Rajbhawan

THANKS FOR YOUR ORDER

YOUR ORDER HAS BEEN ORDERED SUCCESSFULLY

FOR VIEWING YOUR ORDERS

enter your choice:2

enter your number:123456

YOUR RECENT ORDERS

ID: 26

ITEM NAME: COFFEE

ITEM TYPE: BEVERAGE

TOTALPRICE: 250

MOBILE NUMBER: 123456

ADDRESS: Rajbhawan

FOR CANCELLING AN ORDER

enter your choice:3

enter your number:696969

YOUR ORDER HAS BEEN CANCELLED

YOU HAVE BEEN REDIRECTED TO THE MAIN PAGE

FEEDBACK FROM CUSTOMER

enter your choice:4

Enter your name:Anonymus

Write something about us --

The non-veg dishes here are amazing. Recomendded to everyone.

Thanks for your feedback :)