

DIVINE LIGHT SCHOOL



SESSION: 2025-2026

COMPUTER SCIENCE PROJECT

TOPIC: FOOD PORTAL

LANGUAGE USED PYTHON AND MY SQL

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XII SCIENCE "PCM"

ACKNOWLEDGEMNT

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

I am especially indebted to our Honourable Principal **MR. RAJESH KUMAR SHARMA** 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 on record heartfelt thanks to him.

I also acknowledge with a deep sense of reverence, my gratitude towards my parents, other faculty members of the school and friends for their valuable suggestions given to me in completing the project

SIGNATURE

CERTIFICATE

This is to certify that Namandeep Kaur of class: **XII SCIENCE OF DIVINE LIGHT SCHOOL** has done her project on “**Food Portal**” under my supervision. She has taken interest and has shown at most sincerity in completion of this project.

I certify this project up to my expectation & as per guidelines issued by **CBSE, NEW DELHI**.

External Signature:

Internal Signature:

Principal Signature:

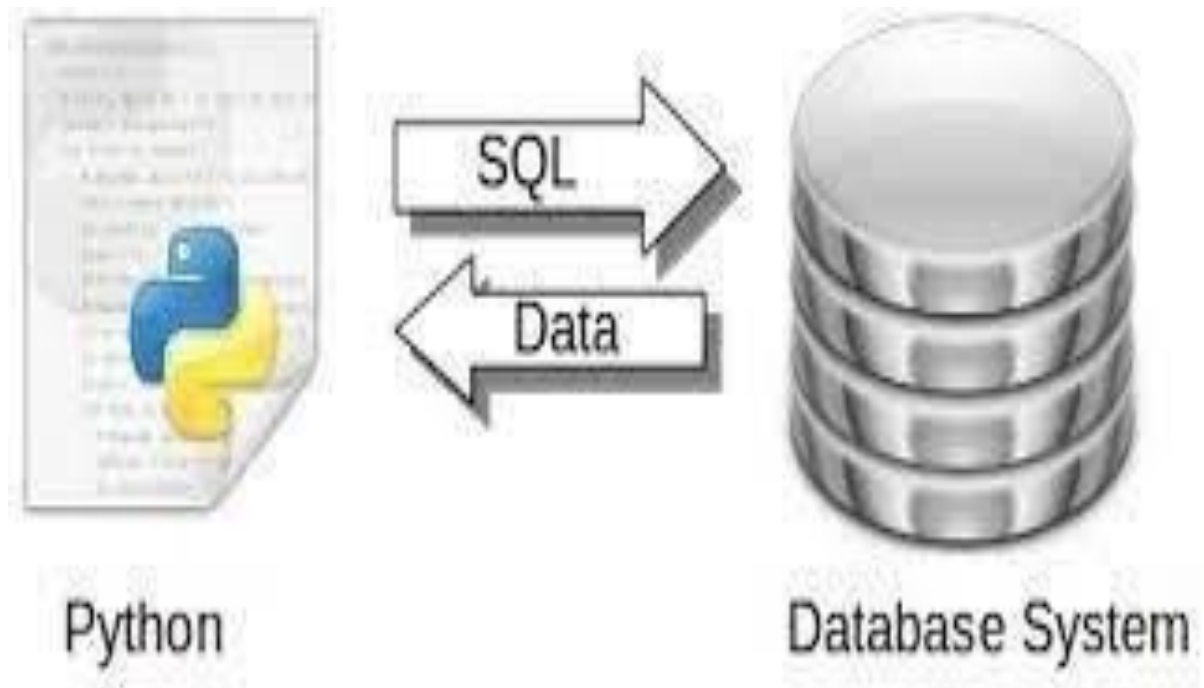
HARDWARES AND SOFTWARES REQUIRED

- HARDWARES-

1. Desktop Computer
2. PC

- SOFTWARES-

1. Python (latest version)
2. MySQL
3. Python Connector Module



INTRODUCTION

Welcome to food portal

In the hustle and bustle of our daily lives, finding a quick and delicious meal can be a challenge. But fear not, for we present to you the **Food Portal** – a digital haven for all your culinary cravings! Whether you're an admin looking to manage the portal with precision or a hungry soul ready to explore a world of delectable options, our portal had made sure that you are covered.

Admin Access: Unlock the Power

The gateway to culinary control lies in the hands of the admin. Armed with a secure password, the admin block opens up a realm of possibilities for managing the Food Portal with finesse. From overseeing orders to updating the menu, the admin has the key to culinary command.

Ordering Bliss: Explore and Indulge

For the food enthusiasts who crave a delightful dining experience, the Food Portal offers an extensive array of culinary delights. Browse through a tempting menu showcasing a variety of dishes, each with its own unique flavour profile. With just a few clicks, you can place your order and tantalize your taste buds with the finest cuisines.

Seamless Exit: You're Way Out

Had your fill of culinary delights or finished managing the admin block? Fear not, for the exit is as smooth as your favourite dessert. With a simple command, bid adieu to the Food Portal, knowing that it's always ready to welcome you back for your next gastronomic adventure.

Embrace the fusion of technology and taste with the Food Portal – where admin control meets culinary exploration. Join us on this digital journey, and let the flavours of innovation and convenience tantalize your senses. Bon appétit!

Our MISSION

Our mission is to create a vibrant and interconnected food community, fostering a love for diverse cuisines and culinary experiences. Whether you're a food enthusiast looking for your next dining adventure or a restaurant seeking to expand your reach, our project FOOD PORTAL is the go-to platform for all things food-related.

Join us on this exciting journey as we redefine the way people discover, share, and savour the world of food through our project FOOD PORTAL.

Feel free to customize this introduction to better fit the specific features and goals of your food portal project.

PYTHON SOURCE CODE


```
import mysql.connector as pro
d=pro.connect(host="localhost",user="root",password="
admin",database="food") e=d.cursor()
```

```
        # ADDING FOOD OPTION FOR ADMIN
def add_food():
```

```
    d=pro.connect(host="localhost",user="root",password="
admin",database="food")    e=d.cursor()
    ser=int(input("Enter the Food ID:"))    fi=input("Enter
the Food name:")    fp=int(input("Enter the Price of
Food:"))    ft=input("Enter the Food Type:")
    e.execute("insert into item values
({},'{}',{},{})".format(ser,fi,fp,ft))
        print("NEW FOOD ADDED SUCCESSFULLY")
        d.commit()
```

```
        # UPDATING FOOD & PRICE OPTION
FOR ADMIN
```

```
def update_food():
    d=pro.connect(host="localhost",user="root",password="
admin",database="food")    e=d.cursor()    print("1.
```

```

update food name")    print("2. update food price")
us=int(input("Enter your choice :"))    if us==1:
    fnid=int(input("Enter the Food ID whose food
name you want to update :"))
    fna=input("Enter the updated Food Name: ")
    e.execute("update Item set Food_Item='{}' where
S_no={} ".format(fna,fnid))    print("UPDATED
SUCCESSFULLY")
    d.commit()
elif us==2:
    fnic=int(input("Enter the Food ID whose food price
you want to update :"))    fnf=input("Enter the
updated Food Price: ")    e.execute("update Item set
Prices={} where S_no={} ".format(fnf,fnic))
    print("UPDATED SUCCESSFULLY")
    d.commit()    print("You have been Redirected to
the Admin page")    ad_login()

```

```

# DELETING FOOD OPTION FOR
ADMIN    def
delete_food():

```

```
d=pro.connect(host="localhost",user="root",password="
admin",database="food")    e=d.cursor()
fidd=int(input("Enter the Food ID you want to delete
:"))

    e.execute("delete from item where S_no={}".format(fidd))
    print("YOU HAVE DELETED A FOOD ITEM
SUCCESSFULLY")
    d.commit()
```

```
                # VIEWING ORDER HISTORY OPTION
FOR ADMIN    def
```

```
view_orders():
```

```
d=pro.connect(host="localhost",user="root",password="
admin",database="food")    e=d.cursor()    fgg=("select
* from orders")    print("Details of all orders are:")
```

```
        e.execute(fgg)
rtt=e.fetchall()    for
i in rtt:
```

```
print("*****")
*****")
```

```
print("Food name:",i[0])
```

```
print("Food price:",i[1])
```

```
print("Total price:",i[2])
```

```
print("Phone NO:",i[3])
```

```
print("Address:",i[4])
```

```
print("*****  
*****")
```

```
# LOGIN OPTION FOR ADMIN      def
```

```
ad_login():
```

```
    while 1:
```

```
        print("1. Add food")      print("2.
```

```
Update food")      print("3. Delete food")
```

```
print("4. View orders")      print("5.
```

```
Logout")      ask=int(input("Enter your
```

```
Choice: "))      if ask==1:
```

```
        add_food()
```

```
elif ask==2:
```

```
        update_food()
```

```
elif ask==3:
```

```
        delete_food()
```

```
elif ask==4:
```

```
        view_orders()
```

```
elif ask==5:
```

return

PASSWORD FOR ADMIN TO LOGIN

def ad_panel():

pas=input("Enter Password :")

if pas=='Zomato':

print("Access granted")

ad_login() else:

**print("Wrong Password") print("You have been
Redirected to the Main Page") admin()**

FOOD ITEMS TO SHOW

CUSTOMER def show_menu():

e.execute("select * from item") w=e.fetchall()

print("-----MENU FOR TODAY -----")

for i in w:

**print("Food No.",i[0],"Food Name:",i[1],"-
Price:",i[2],"--Food type:",i[3]) d.commit()**

ui=input("Do you want to order food:") if

ui=="Yes" or ui=="yes": F_order() else:

**print("Thank you") print("You have been
Redirected to the Main Page") return**

TO PLACE ORDER OF FOOD ITEM

```
def F_order():
```

```
    io=int(input("Enter the food item no. you want to  
order:"))
```

```
    QTY=int(input("Enter QTY of food:"))
```

```
    phn=int(input("Enter your Phone NO:"))
```

```
    ADR=input("Enter your Address:")    fi=("select * from  
item where S_no={} ".format(io))    e.execute(fi)
```

```
    fi=e.fetchall()    iname=fi[0][1]    iprice=fi[0][2]
```

```
    oprice=iprice*QTY
```

```
    ins="insert into  
orders(O_name,I_price,O_price,P_no,ADR)values('{}',{},{  
{},{},'{}') ".format(iname,iprice,oprice,phn,ADR)
```

```
    print("*****BILL*****")
```

```
    print("Address:",ADR)    print("Phone NO:",phn)
```

```
    print("Food name:",iname)    print('Food price:',iprice)
```

```
    print("QTY of food:",QTY)    print('Total price:',oprice)
```

```
    print("*****")    print("Thanks for  
ordering food")    print("Your order has been
```

```
    confirmed")    print("You have been Redirected to the  
MAIN PAGE")    e.execute(ins)
```

```
    d.commit()
```

VIEWING YOUR FOOD ORDER

HISTORY def

F_View():

```
    yno=int(input("Enter your phone NO:"))    a=("select
* from orders where P_no={}".format(yno)
e.execute(a)    rt=e.fetchall()    if len(rt)>0:        for i in
rt:
```

```
    print("Your recent orders are:")
```

```
    print("*****YOUR ORDER DETAILS ARE
SHOWN BELOW*****")
```

```
    print("Food name:",i[0])
```

```
print("Food price:",i[1])
```

```
print("Total price:",i[2])
```

```
print("Phone NO:",i[3])
```

```
print("Address:",i[4])    else:
```

```
    print("YOU HAVE NOT PLACED ANY ORDER")
```

```
    d.commit()
```

CANCELING YOUR FOOD ORDER

def F_Cancel():

```
    cor=int(input("Enter your phone NO:"))
```

```
    dele=("delete from orders where P_no={}".format(cor)
```

```
    e.execute(dele)
```

```
    print("Your order has been cancelled
```

SUCCESSFULLY")

print("You have been Redirected to the MAIN PAGE")
d.commit()

FEEDBACK OPTION FOR
CUSTOMER def
F_feedb():

fdb=int(input("Enter your Phone NO:"))
print("Give us Feedback--") fdc=input("
")

fdp="insert into Feed values
P_no,F_back={},'{}'.format(fdb,fdc)
print("THANKS FOR YOUR FEEDBACK")
print("You have been Redirected to MAIN PAGE")
d.commit()

MAIN MENU FOR CUSTOMER
def main_menu(): while True:
print("-----WELCOME TO FOOD
PORTAL-----") print("1. Main
Menu") print("2. Place your Orders")
print("3. View order") print("4. Cancel
your Order") print("5. Feedback")


```
print("6. Exit")      a=int(input("Enter the
Service you want:"))  if a==1:
                        show_menu()
elif a==2:
F_order()      elif
a==3:
F_View()      elif
a==4:
F_Cancel()      elif
a==5:
F_feedb()      elif
a==6:          break
```

HOME PAGE

```
def admin():
```

```
while True:
```

```
print("*****
**")      print("WELCOME TO FOOD
PORTAL")
```

```
    print("1. Admin Login")
```

```
print("2. Customer Login")
```

```
print("3. EXIT")
```

```
op=int(input("Enter option :"))    if
op==1:
    ad_panel()
elif op==2:
    main_menu()
elif op==3:
    break
admin()
```

MySQL Database

FOOD ITEM TABLE:

```
mysql> select * from item;
```

S_no	Food_Item	Prices	Food_Type
1	Paneer Makhana	320	Veg
2	Palak Paneer	240	Veg
3	Kadhai Paneer	350	Veg
4	Paneer Kolhapuri	410	Veg
5	Paneer Dhanya-Adraiki	499	Veg
6	Chicken Tangdi Kabab(3pc)	300	Non-veg
7	Chicken Popcorn & French fries	420	Non-veg
8	Chicken Tikka Dum Biryani	789	Non-veg
9	Murg Mussallam	520	Non-veg
10	Butter Chicken	799	Non-veg
11	Chicken Bhuna Masala	400	Non-veg
12	Patty Paratha Rap	250	Veg
13	Veg Roll	200	Veg
14	Panner Butter Masala wrap	300	Veg
15	Regular Panner Roll(2pc)	280	Veg
16	Chicken Tikka Roll(2pc)	320	Non-Veg
17	Double Egg-Chicken Roll	200	Non-Veg
18	Egg Franki	270	Non-Veg
19	Mutton Seekh Kabab Roll	290	Non-Veg
20	Chicken Irani Roll	285	Non-Veg
21	Regular Veg Biryani	350	Veg
22	Paneer Dum Biryani	380	Veg
23	Mushroom Biryani	300	Veg
24	Regular Chicken Biryani	350	Non-Veg
25	Regular Mutton Biryani	400	Non-Veg
26	Mutton Dum Biryani	480	Non-Veg
27	Regular Dal	200	Veg
28	DAL FRY	280	Veg
29	Dal Makhani	350	Veg
30	Dal Tadka	380	Veg
31	Regular Roti(5pc)	200	Veg
32	Regular Paratha(5pc)	250	Veg
33	Regular Naan(2pc)	200	Veg
34	Butter Naan(2pc)	230	Veg
35	Garlic Naan(2pc)	280	Veg
36	Masala Naan(2pc)	350	Veg
37	Cheese Pav Bhaji(3pc)	320	Veg
38	Cheese Grilled Vada Pav(3pc)	250	Veg
39	Chole Bhature(3pc)	299	Veg
40	Pav Bhaji(3pc)	200	Veg
41	North Indian Thali	800	Veg
42	South Indian Thali	899	Veg
43	Gujrati Thali	899	Veg
44	Marathi Thali	900	Veg

Food Order Table:

```
mysql> select * from orders;
```

O_name	I_price	O_price	P_no	ADR
Regular Naan(2pc)	200	600	780768923	Tulsi nagar
Pav Bhaji(3pc)	200	600	895070630	Bada Bazar
Regular Panner Roll(2pc)	280	1400	917686694	Gandhi nagar
Masala Naan(2pc)	350	1400	876890432	Shakti Nagar
Chicken Bhuna Masala	400	1200	678067909	Ganesh nagar
Mushroom Biryani	300	600	789055669	Gajapati Nagar
Gujrati Thali	899	1798	907899078	Gate Bazar
Regular Panner Roll(2pc)	280	840	663706254	Temple Area
Dal Makhani	350	1750	890780678	Jindal Chawk
Pav Bhaji(3pc)	200	1000	780768923	Tulsi nagar
Murg Mussallam	520	2080	786905670	AdiShakti Nagar
Butter Naan(2pc)	230	5060	780768923	Tulsi Nagar

```
12 rows in set (0.00 sec)
```

Feedback Table:

```
mysql> select * from Feed;
```

F_back	P_no
thank you	780768923
you ncan improve your service..	637062543
Need Improvement.....	786905670
THANKS FOR THE GREAT SERVICE	907899078
Great service.....	663706254
Thank you	890780678
Prices Can be Negotiable :(917686694
Had a great exprience :)	678067909
Thank you so much	907899078

```
9 rows in set (0.13 sec)
```

OUTPUTS

FOOD PORTAL MAIN PAGE:

```
= RESTART: D:\GROUP 2 PROJECT_2\project_2.py
*****
WELCOME TO FOOD PORTAL
1. Admin Login
2. Customer Login
3. EXIT
Enter option :|
```

ADMIN LOGIN OPTION:

```
Enter option :1
Enter Password :Zomato
Access granted
1. Add food
2. Update food
3. Delete food
4. View orders
5. Logout
Enter your Choice: |
```

ADDING FOOD ITEM BY ADMIN:

```
Enter your Choice: 1
Enter the Food ID:45
Enter the Food name:Bengali Thali
Enter the Price of Food:900
Enter the Food Type:Veg & Non-Veg
NEW FOOD ADDED SUCCESSFULLY
NEW FOOD ADDED SUCCESSFULLY
```

UPDATING FOOD NAME BY ADMIN:

```
Enter your Choice: 2
1. update food name
2. update food price
Enter your choice :1
Enter the Food ID whose food name you want to update :22
Enter the updated Food Name: Paneer Biryani
UPDATED SUCCESSFULLY
```

UPDATING FOOD PRICE BY ADMIN

```
Enter your Choice: 2
1. update food name
2. update food price
Enter your choice :2
Enter the Food ID whose food price you want to update :40
Enter the updated Food Price: 750
UPDATED SUCCESSFULLY
```


DELETING FOOD ITEM BY ADMIN:

```
Enter your Choice: 3
Enter the Food ID you want to delete :45
YOU HAVE DELETED A FOOD ITEM SUCCESSFULLY
```

VIEWING ORDER HISTORY BY ADMIN:

```
Enter your Choice: 4
Details of all orders are:
*****
Food name: Regular Naan(2pc)
Food price: 200
Total price: 600
Phone NO: 780768923
Address: Tulsi nagar
*****
*****
Food name: Pav Bhaji(3pc)
Food price: 200
Total price: 600
Phone NO: 895070630
Address: Bada Bazar
*****
*****
Food name: Regular Panner Roll(2pc)
Food price: 280
Total price: 1400
Phone NO: 917686694
Address: Gandhi nagar
*****
*****
```

LOGOUT OPTION FOR ADMIN:

Enter your Choice: 5

WELCOME TO FOOD PORTAL

1. Admin Login
2. Customer Login
3. EXIT

Enter option :|

MAIN MENU FOR CUSTOMER:

WELCOME TO FOOD PORTAL

1. Admin Login
2. Customer Login
3. EXIT

Enter option :2

-----WELCOME TO FOOD PORTAL-----

1. Main Menu
 2. Place your Orders
 3. View order
 4. Cancel your Order
 5. Feedback
 6. Exit
-

FOOD ITEMS FOR CUSTOMER:

Enter the Service you want:1

-----MENU FOR TODAY-----

Food No. 1 Food Name: Paneer Makhana --Price: 320 --Food type: Veg
Food No. 2 Food Name: Palak Paneer --Price: 240 --Food type: Veg
Food No. 3 Food Name: Kadhai Paneer --Price: 350 --Food type: Veg
Food No. 4 Food Name: Paneer Kolhapuri --Price: 410 --Food type: Veg
Food No. 5 Food Name: Paneer Dhanya-Adrahi --Price: 499 --Food type: Veg
Food No. 6 Food Name: Chicken Tangdi Kabab(3pc) --Price: 300 --Food type: Non-veg
Food No. 7 Food Name: Chicken Popcorn & French fries --Price: 420 --Food type: Non-veg
Food No. 8 Food Name: Chicken Tikka Dum Biryani --Price: 789 --Food type: Non-veg
Food No. 9 Food Name: Murg Mussallam --Price: 520 --Food type: Non-veg
Food No. 10 Food Name: Butter Chicken --Price: 799 --Food type: Non-veg
Food No. 11 Food Name: Chicken Bhuna Masala --Price: 400 --Food type: Non-veg
Food No. 12 Food Name: Patty Paratha Rap --Price: 250 --Food type: Veg
Food No. 13 Food Name: Veg Roll --Price: 200 --Food type: Veg
Food No. 14 Food Name: Panner Butter Masala wrap --Price: 300 --Food type: Veg
Food No. 15 Food Name: Regular Panner Roll(2pc) --Price: 280 --Food type: Veg
Food No. 16 Food Name: Chicken Tikka Roll(2pc) --Price: 320 --Food type: Non-Veg
Food No. 17 Food Name: Double Egg-Chicken Roll --Price: 200 --Food type: Non-Veg
Food No. 18 Food Name: Egg Franki --Price: 270 --Food type: Non-Veg
Food No. 19 Food Name: Mutton Seekh Kabab Roll --Price: 290 --Food type: Non-Veg
Food No. 20 Food Name: Chicken Irani Roll --Price: 285 --Food type: Non-Veg
Food No. 21 Food Name: Regular Veg Biryani --Price: 350 --Food type: Veg
Food No. 22 Food Name: Paneer Biryani --Price: 380 --Food type: Veg
Food No. 23 Food Name: Mushroom Biryani --Price: 300 --Food type: Veg

Food No. 24 Food Name: Regular Chicken Biryani --Price: 350 --Food type: Non-Veg
Food No. 25 Food Name: Regular Mutton Biryani --Price: 400 --Food type: Non-Veg
Food No. 26 Food Name: Mutton Dum Biryani --Price: 480 --Food type: Non-Veg
Food No. 27 Food Name: Regular Dal --Price: 200 --Food type: Veg
Food No. 28 Food Name: DAL FRY --Price: 280 --Food type: Veg
Food No. 29 Food Name: Dal Makhani --Price: 350 --Food type: Veg
Food No. 30 Food Name: Dal Tadka --Price: 380 --Food type: Veg
Food No. 31 Food Name: Regular Roti(5pc) --Price: 200 --Food type: Veg
Food No. 32 Food Name: Regular Paratha(5pc) --Price: 250 --Food type: Veg
Food No. 33 Food Name: Regular Naan(2pc) --Price: 200 --Food type: Veg
Food No. 34 Food Name: Butter Naan(2pc) --Price: 230 --Food type: Veg
Food No. 35 Food Name: Garlic Naan(2pc) --Price: 280 --Food type: Veg
Food No. 36 Food Name: Masala Naan(2pc) --Price: 350 --Food type: Veg
Food No. 37 Food Name: Cheese Pav Bhaji(3pc) --Price: 320 --Food type: Veg
Food No. 38 Food Name: Cheese Grilled Vada Pav(3pc) --Price: 250 --Food type: Veg
Food No. 39 Food Name: Chole Bhature(3pc) --Price: 299 --Food type: Veg
Food No. 40 Food Name: Pav Bhaji(3pc) --Price: 750 --Food type: Veg
Food No. 41 Food Name: North Indian Thali --Price: 800 --Food type: Veg
Food No. 42 Food Name: South Indian Thali --Price: 899 --Food type: Veg
Food No. 43 Food Name: Gujarati Thali --Price: 899 --Food type: Veg
Food No. 44 Food Name: Marathi Thali --Price: 900 --Food type: Veg
Do you want to order food:|

PLACING ORDER FOR CUSTOMER:

Enter the Service you want:2
Enter the food item no. you want to order:33
Enter QTY of food:2
Enter your Phone NO:678090903
Enter your Address:Tulsi nagar
*****BILL*****
Address: Tulsi nagar
Phone NO: 678090903
Food name: Regular Naan(2pc)
Food price: 200
QTY of food: 2
Total price: 400

Thanks for ordering food
Your order has been confirmed
You have been Redirected to the MAIN PAGE

FEEDBACK OF CUSTOMER:

Enter the Service you want:5
Enter your Phone NO:907899078
Give us Feedback--
Thank you so much
THANKS FOR YOUR FEEDBACK
You have been Redirected to MAIN PAGE

PERSONAL ORDER HISTORY OF CUSTOMER:


```
Enter the Service you want:3
Enter your phone NO:780768923
Your recent orders are:
*****YOUR ORDER DETAILS ARE SHOWN BELOW*****
Food name: Regular Naan(2pc)
Food price: 200
Total price: 600
Phone NO: 780768923
Address: Tulsi nagar
Your recent orders are:
*****YOUR ORDER DETAILS ARE SHOWN BELOW*****
Food name: Pav Bhaji(3pc)
Food price: 200
Total price: 1000
Phone NO: 780768923
Address: Tulsi nagar
Your recent orders are:
*****YOUR ORDER DETAILS ARE SHOWN BELOW*****
Food name: Butter Naan(2pc)
Food price: 230
Total price: 5060
Phone NO: 780768923
Address: Tulsi Nagar
```

EXIT OPTION FOR CUSTOMER:

```
Enter the Service you want:6
*****
WELCOME TO FOOD PORTAL
1. Admin Login
2. Customer Login
3. EXIT
Enter option :|
```

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