

PM SHRI KENDRIYA VIDYALAYA BERHAMPUR



तत् त्वं पूषन् अपावृणु
केन्द्रीय विद्यालय संगठन

SESSION 2024_25

A PROJECT REPORT ON HOTEL MANAGEMENT FOR CBSE 2025 EXAMINATION

(As a part of the computer science course (083))

SUBMITTED BY:

JAYASRI PADHY

CLASS: XII-A

ROLL NO:

UNDER THE GUIDANCE OF:

Mr. SAROJ KANTA MISRA

(PGT Computer Science)

Certificate

This is to certify that *JAYASRI PADHY* student of class XII A of *PM SHRI KENDRIYA VIDYALAYA BERHAMPUR* has done her project on *HOTEL MANAGEMNET* under my supervision. She has taken her 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. S.K. MISRA** 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 principal **MR. SHIVAPRIYA DASH** 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 him.*

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.

NAME:

CLASS: XII-A

SIGN:

Hardware And Software Required

Hardware

- *PC (PROCESSOR:intel Pentium G3240, RAM:4.00Gb)*
- *Laptop*

Software

- *OS:Microsoft Windows@10*
- *Python IDLE(Latest Version)*
- *MySQL Connector- Python ,Webbrowser , Datetime , Tabulate*
- *MySQL (8.0)*
- *Python (3.13.1)*

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INTRODUCTION

The Hotel Management System (HMS) is a software application designed to streamline and automate the core operations of a hotel. This project focuses on enhancing the efficiency of hotel operations, including room reservations, check-in/check-out processes, billing, and restaurant management. The system aims to replace traditional manual methods with a more organized and user-friendly digital solution.

The HMS facilitates seamless communication between guests and hotel staff by providing a centralized platform where all operations can be managed efficiently. Hotel staff can track room availability, manage guest information, process payments, and handle restaurant orders with ease. Guests, on the other hand, can book rooms, view restaurant menus, and place orders conveniently.

By incorporating features like real-time room availability, automated billing, and integrated restaurant order tracking, the system not only reduces administrative workload but also improves the overall guest experience. The project is developed using Python and MySQL, ensuring robust backend support and data security while maintaining a user-friendly interface.³

STAFFS : this table contains the details of staffs of this hotel.

Columns : User_Id, User_name , dept, phone_number, address, Gender, User_type.

GUEST: this table contains the details of guest when they come to our hotel

Columns:

User_ID,User_name,phone_number,address,Gender, User_Type

ROOM LODGING:

Table:

RoomBooking: this table contains the records of room or the history of rooms are available or not.

Columns: Room_Num, Booking_ID, User_ID, User_Name , Address, Phone_ Num , CheckIn , CheakOut,Gender.

Rooms : this table contains number of rooms and specifies each room's, types, status, price and max no of guest.

Columns: Room_Num, Room_Type, Status, Price_PerDay, Location_Details, Num_ Of_Guests

RESTAURANT:

MENU: this table contains the menu of food items that available in the hotel with specific id of items.

Columns: Item_Num, Item_Name, Price, Category, veg_ or_ non-veg

Order_Info: this table contains then order information, to access the order details of guests.

Columns: OrderNum, User_ID, Table_Num, Total_Amount.

Order_details : this table for access the order details of each number of tables.

Columns : Order Num, ItemNum, Quantity, Subtotal.

Tables : this table refers the number of tables are there and table types.

Columns: TableNum, Capacity, Status.

Table_booking :

This table refers the availability or reserved or not and further details.

Columns: TableNum, User_ID, Date, Time.

SOURCE

CODE

```
print("""
```

[illegible][illegible][illegible][illegible]

iii)

```
# importing modules
```

```
import mysql.connector as m
```

FUNC: log in / sign in

```
def login():
```

try:

```
print('-----')
```

```
e=int(input("Enter your user ID:"))
```

```
x=input("Enter user name:")
```

```
y=int(input("Enter your password:"))
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
co=mydb.cursor()
```

```
co.execute("select * from users")
```

```
xj=co.fetchall()
```

jl=5

```
for i in xj:
```

if $x=i[1]$ and $y=i[2]$ and $e=i[0]$:

 $jl=6$

```
print("login successful.")
```

```
co.execute('select * from users where UserID={} and UserName="{}" and
Password={}'.format(e,x,y))
```

```
s=co.fetchall()
```

```
return s
```

```
if jl==5:
```

```
print("wrong details given")
```

```
mydb.commit()
```

```
print('-----')
```

```
except ValueError:
```

```
print('Invalid input given.')
```

```
except TypeError:
```

```
print("invalid data type")
```

```
# FUNC: room_booking/ room_details
```

```
def room_booking(s):
```

```
try:
```

```
print('-----')
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
co=mydb.cursor()
```

```
co.execute('select * from roombooking ')
```

```
g=co.fetchall()
```

```
a=int(input("Enter your selected Room Number: "))
```

```
x=g[-1][1]+1 # booking id
```

```
print( "Your Booking ID is",x)
```

```
k=s[0][0] #user's id
```

```
y=s[0][1] #user's name
```

```
z=input("Enter Address: ")
```

```
p=int(input("Enter Phone number:"))
```

```
e=input('Enter check in date:')
```

```

t=input('Enter check out date:')
w=input('Enter your gender: ')
co.execute('select RoomNum,Status from rooms')
qw=co.fetchall()
wq=[]
for ie in qw:
    po=ie[1].strip()
    io=po.capitalize()
    wq.append(ie[0])

    if ie[0]==a and io=='Vacant':
        co.execute("insert into roombooking
values({}, {}, {}, '{}', '{}', {}, '{}', '{}', '{}')".format(a,x,k,y,z,p,e,t,w))
        co.execute("update rooms set Status='{}' where
RoomNum={}".format('Occupied',a))
        print('Room booked.')
    elif ie[0]==a and ie[1].strip()=='Occupied':
        print("Room chosen is already booked by someone.
Please choose another room. ")

    if a not in wq:
        print('Entered room number does not exist.')
        mydb.commit()
except ValueError:
    print('Invalid input given.')
except TypeError:
    print("Invalid type of data given.")
print('-----')

```

```

def room_details():

```

```
print('-----')
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
co=mydb.cursor()
```

```
co.execute('select * from rooms')
```

```
q=co.fetchall()
```

```
for j in q:
```

```
    print(j)
```

```
mydb.commit()
```

```
print('-----')
```

#FUNC: menu

def menu():

```
    print('-----')
```

```
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

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

```
    print('item_number,item_name,price,category,availability')
```

```
    co.execute('select * from menu')
```

```
    a=co.fetchall()
```

```
    for i in a:
```

```
        print(i)
```

```
    mydb.commit()
```

```
    print('-----')
```

#FUNC: order

def order():

```
print('-----')
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
co=mydb.cursor()
r=s[0][0] # user id
co.execute('select * from order_info')
ret=co.fetchall()
rq=ret[-1][2] # table num
print( "Your Table Number is",rq)
a=co.rowcount
b=a+1 # order no.
co.execute('select * from menu')
me=co.fetchall() # all dishes
srt=int(input("Enter no. of distinct items to be ordered: "))
ta=0
for i in range(srt):
    k=int(input("Enter the item number to be ordered: "))
    e=int(input("Enter the quantity of above item to be ordered: "))
    for p in me:
        if k==p[0]:
            pri=p[2] # price of a dish

            st=pri*e # subtotal
            co.execute('insert into order_details values({}, {}, {}, {})'.format(b,k,e,st))
            ta=ta+st
co.execute('insert into order_info values({}, {}, {}, {})'.format(b,r,rq,ta))
mydb.commit()
```

```
print('Your order has been placed.')
```

```
print('-----')
```

```
#FUNC: table_booking
```

```
def table_booking():
```

```
    print('-----')
```

```
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    tn=int(input('Enter Table number:'))
```

```
    uid=s[0][0]
```

```
    date=input('Enter date booked: ')
```

```
    time=input('Enter time booked: ')
```

```
    co.execute('insert into table_booking values({},{},"{}","{}"'.format(tn,uid,date,time))
```

```
    print('-----')
```

```
    mydb.commit()
```

```
#FUNC: insert_sdetails
```

```
def insert_sdetails():
```

```
    print("-----")
```

```
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    p=s[0][0] # user id
```

```
    k=s[0][1] # user name
```

```
    m=input("Enter department:")
```

```
    h=int(input("Enter phone number:"))
```

```
i=input("Enter date:")
l=input("Enter address:")
s=input("Enter gender:")
w="STAFF"
co.execute("insert into staff values({}, '{}', '{}', '{}', '{}', '{}', '{}', '{}')".format(p,k,m,h,i,l,s,w))
print("data successfully inserted")
mydb.commit()
print("-----")
```

#remove_sdetails

def remove_sdetails():

```
    print("_____")
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    co.execute("delete from staff where UserID ={}".format(c))
    print("data successfully removed")
    mydb.commit()
    print("_____")
```

#guest_details

def guest_details():

```
    print('-----')
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    co.execute("select * from guests")
    a=co.fetchall()
    for i in a:
        print(i)
```

```
print("details shown")
mydb.commit()
print('-----')
```

#room booking details

def room_booking_details():

```
    print('-----')
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    v=input("enter userid")
    co.execute("select * from roombooking where UserID={} ".format(v))
    print("details shown")
    mydb.commit()
    print('-----')
```

#add_dish

def add_dish():

```
    print("_____")
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    p=int(input("enter item number"))
    k=input("enter item Name")
    m=int(input("enter price"))
    h=input("enter category ")
    l=input("enter veg or non-veg")
    co.execute("insert into menu values({}, '{}', {}, '{}', '{}')".format(p,k,m,h,l))
    print("dish successfully added ")
    mydb.commit()
    print("-----")
```

#remove_dish

def remove_dish():

```
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    o=int(input("Enter item number:"))
    co.execute("delete from menu where ItemNum ={}".format(o))
    print("dish successfully removed")
    mydb.commit()
    print("-----")
```

#order_details

def order_details():

```
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    co.execute("select * from order_info ")
    print("details shown")
    mydb.commit()
    print("-----")
```

feedback

def feedback():

```
    x=input("Please enter your feedback:
")
    mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    pu=s[0][0] # user id
```

```
ky=s[0][1] # user name
```

```
co.execute("insert into feedback values({},{},'{}').format(pu,ky,x))
```

```
mydb.commit()
```

```
print("-----")
```

```
# staff_name_change
```

```
def staff_name_change():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    pu=s[0][0] # user id
```

```
    x=input('Enter the new name:')
```

```
    co.execute('update users set UserName={} where UserID={}'.format(x,pu))
```

```
    co.execute('update staff set UserName={} where UserID={}'.format(x,pu))
```

```
    print('Name updated successfully.')
```

```
    mydb.commit()
```

```
    print("-----")
```

```
except:
```

```
    print('Enter a valid value')
```

```
# staff_department_change()
```

```
def staff_department_change():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
pu=s[0][0] # user id
x=input('Enter the department name:')
co.execute('update staff set dept="{0}" where UserID={0}'.format(x,pu))
print('Department updated successfully.')
mydb.commit()
print("-----")
except:
    print('Enter a valid value')
```

```
# staff_phoneNum_change()
```

```
def staff_phoneNum_change():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    pu=s[0][0] # user id
    x=input('Enter the new phone number:')
    co.execute('update staff set PhoneNum="{0}" where UserID={0}'.format(x,pu))
    print('Phone number updated successfully.')
    mydb.commit()
    print("-----")
except:
    print('Enter a valid value')
```

```
# staff_address_change()
```

```
def staff_address_change():
```

```
    try:
```

```

mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")

co=mydb.cursor()
pu=s[0][0] # user id
x=input('Enter the new address:')
co.execute('update staff set Address="{}" where UserID={}'.format(x,pu))
print('Address updated successfully.')
mydb.commit()

print("-----")

except:
    print('Enter a valid value')

```

guest_name_change()

def guest_name_change():

try:

```

mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")

co=mydb.cursor()
pu=s[0][0] # user id
x=input('Enter the new name:')
co.execute('update users set UserName="{}" where UserID={}'.format(x,pu))
co.execute('update guests set UserName="{}" where UserID={}'.format(x,pu))
print('Name updated successfully.')
mydb.commit()

print("-----")

except:
    print('Enter a valid value')

```

guest_phoneNum_change()

```
def guest_phoneNum_change():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    pu=s[0][0] # user id
```

```
    x=input('Enter the new phone number:')
```

```
    co.execute('update guests set PhoneNum="{}" where UserID={}'.format(x,pu))
```

```
    print('Phone number updated successfully.')
```

```
    mydb.commit()
```

```
    print("-----")
```

```
except:
```

```
    print('Enter a valid value')
```

```
# guest_address_change()
```

```
def guest_address_change():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    pu=s[0][0] # user id
```

```
    x=input('Enter the new address:')
```

```
    co.execute('update guests set Address="{}" where UserID={}'.format(x,pu))
```

```
    print('Address updated successfully.')
```

```
    mydb.commit()
```

```
    print("-----")
```

```
except:
```

```
    print('Enter a valid value')
```

```
# search_sname()
```

```
def search_sname():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    x=input('Enter the staff member name you want to search about:')
```

```
    co.execute('select * from staff where UserName like "%{}%".format(x))
```

```
    a=co.fetchall()
```

```
    if len(a)==0:
```

```
        print('No person with this name was found')
```

```
    else:
```

```
        for i in a:
```

```
            print(i)
```

```
except:
```

```
    print('Some error occurred')
```

```
# search_staff()
```

```
def search_staff():
```

```
    try:
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
    co=mydb.cursor()
```

```
    print('Press 1- search through UserId')
```

```
    print('Press 2- search through department')
```

```
    print('Press 3- search through phone no.')
```

```
    print('Press 4- search through date of joining')
```

```
    ckl=int(input("enter your choice:"))
```

```
    if ckl==1:
```

```
kkk=int(input("enter userID:"))
```

```
co.execute("select*from staff where UserID={}".format(kkk))
```

```
xn=co.fetchall()
```

```
for i in xn:
```

```
    print(i)
```

```
elif ckl==2:
```

```
    klc=input("enter department:")
```

```
    co.execute("select*from staff where Dept='{ }'.format(klc))
```

```
    xm=co.fetchall()
```

```
    for i in xm:
```

```
        print(i)
```

```
elif ckl==3:
```

```
    lll=int(input("enter phone no.))
```

```
    co.execute("select*from staff where PhoneNum={}".format(lll))
```

```
    xl=co.fetchall()
```

```
    for i in xl:
```

```
        print(i)
```

```
elif ckl==4:
```

```
    opo=input("enter date of joining :")
```

```
    co.execute("select*from staff where DateOfJoining='{ }'.format(opo))
```

```
    xo=co.fetchall()
```

```
    for i in xo:
```

```
        print(i)
```

```
except:
```

```
    print('Enter a valid value')
```

```
# roombooking_remove()
```

```
def roombooking_remove():
```

try:

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    print('To remove a record from room booking details')
    ckl=int(input("Enter the booking ID to be removed:"))
    co.execute('delete from roombooking where BookingID={}'.format(ckl))
    print('Record of the room booking has been removed')
except:
    print('Some error occured')
```

search_gname()

def search_gname():

try:

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
    co=mydb.cursor()
    x=input('Enter the guest name you want to search about:')
    co.execute('select * from guests where UserName like "%{}%".format(x))
    a=co.fetchall()
    for i in a:
        print(i)
except:
    print('Some error occured')
```

search_guest()

def search_guest():

try:

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")

co=mydb.cursor()

print('Press 1- search through UserID')
print('Press 2- search through Address')
print('Press 3- search through phone no.')
print('Press 4- search through gender')

ckl=int(input("enter your choice:"))

if ckl==1:

    kkk=int(input("Enter userID:"))

    co.execute("select*from guest where UserID={}".format(kkk))

    xn=co.fetchall()

    for i in xn:

        print(i)

elif ckl==2:

    klc=input("Enter Address:")

    co.execute("select*from guest where Address='{}'.format(klc))

    xm=co.fetchall()

    for i in xm:

        print(i)

elif ckl==3:

    lll=int(input("Enter phone no.))

    co.execute("select*from guest where PhoneNum={}".format(lll))

    xl=co.fetchall()

    for i in xl:

        print(i)

elif ckl==4:

    opo=input("Enter Gender:")

    co.execute("select*from guest where Gender='{}'.format(opo))
```

```

        xo=co.fetchall()

        for i in xo:

            print(i)

except:

    print('Enter a valid value')


# remove_gdetails()
def remove_gdetails():

    try:

        print("-----")

mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")

        co=mydb.cursor()

        co.execute("delete from guests where UserID ={}".format(c))

        print("data successfully deleted")

        mydb.commit()

        print("-----")

    except:

        print('Enter a valid value')


# insert_gdetails()
def insert_gdetails():

    try:

        print("-----")

mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")

        co=mydb.cursor()

        p=s[0][0] # user id

        k=s[0][1] # user name

```

```

h=int(input("Enter phone number:"))
l=input("Enter address:")
s=input("Enter gender:")
w="GUEST"

co.execute("insert into guests values({},'{}',{},{},'{}',{},{})".format(p,k,h,l,s,w))
print("data successfully added to database")
mydb.commit()

print("-----")

except:
    print('Enter a valid value')

# change_price_dish()
def change_price_dish():
    try:
        print("-----")

mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
co=mydb.cursor()
h=int(input("Enter item number to be updated:"))
sh=int(input("Enter new price of the dish:"))
co.execute("update menu set Price={} where ItemNum={}".format(sh,h))
mydb.commit()
print("-----")

except:
    print('Enter a valid value')

# change_name_dish()
def change_name_dish():
    try:

```

```
print("-----")
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
co=mydb.cursor()
```

```
h=int(input("Enter item number to be updated:"))
```

```
sh=input("Enter new name of the dish:")
```

```
co.execute("update menu set ItemName={} where ItemNum={}".format(sh,h))
```

```
mydb.commit()
```

```
print("-----")
```

```
except:
```

```
print('Enter a valid value')
```

```
def cancel_booking():
```

```
try:
```

```
print("-----")
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
co=mydb.cursor()
```

```
pu=s[0][0] # user's id
```

```
co.execute("delete from table_booking where UserID ={}".format(pu))
```

```
print("Booking cancelled.")
```

```
mydb.commit()
```

```
print("-----")
```

```
except:
```

```
print('Enter a valid value')
```

```
def book_table():
```

```
try:
```

```
print("-----")
```

```

mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")

co=mydb.cursor()
pu=s[0][0] # user's id
o=int(input("Enter table number to be booked:"))
p=input("Enter date for which you want to book table(YYYY-MM-DD):")
l=input("Enter time(HH:MM:SS):")
co.execute("insert into table_booking values({},{},'','')".format(o,pu,p,l))
print("Table booked.")
mydb.commit()

print("-----")
except:
    print("Enter a valid value")

```

about HMS

xk=""

Welcome to TAJ HOTEL, where nature meets luxury in perfect harmony.

Nestled in a serene and picturesque location, TAJ HOTEL offers an unforgettable escape surrounded by breathtaking landscapes and tranquil surroundings.

Whether you're here to unwind, explore, or indulge in world-class amenities, our hotel provides the ideal setting for relaxation and rejuvenation.

Step outside and be embraced by the beauty of nature — lush gardens, panoramic views, and the soothing sounds of nature create a peaceful oasis right at your doorstep.

Our expertly landscaped grounds are perfect for a leisurely stroll, while nearby hiking trails and scenic spots allow you to connect with the great outdoors.

Inside, our modern, yet cozy accommodations provide a warm and inviting atmosphere, designed to complement the natural beauty that surrounds us.

Large windows offer stunning views of the landscape, bringing the outside in and filling every room with light and fresh air.

From sunrise to sunset, TAJ HOTEL offers a serene escape that blends the comfort of luxury with the peace of nature. Come experience an environment that nurtures your soul and rejuvenates your spirit. Whether you're visiting for a weekend get away or a longer stay, we promise that every moment spent here will be a tranquil retreat from the everyday hustle.

'''

1 log in / sign in

try:

while True:

print('-----')

print('Press 1- Login')

print('Press 2- Sign in')

print('Press 3- About hotel')

print('-----')

choose=int(input("Enter your choice: "))

if choose==1:

s=login()

elif choose==3:

print(xk)

elif choose==2:

#sign in

```
print("-----")
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
```

```
co=mydb.cursor()
```

```
print ("
```

Don't have any account.

Please create an account.

```
"")
```

```
co.execute('select * from users')
```

```
f=co.fetchall()
```

```
a=f[-1][0]+1 #user id
```

```
print('Your user id is',a)
```

```
x=input("Enter user name:")
```

```
y=int(input("New password:"))
```

```
z=int(input("Confirm password:"))
```

```
if y!=z:
```

```
    print('wrong password has been given for confirmation')
```

```
    print("Enter correct password")
```

```
    z=int(input("Confirm password:"))
```

```
w=input('Enter your identity (Guest/Staff): ')
```

```
co.execute("insert into users values({}, '{}', {}, '{}')".format(a,x,z,w.lower()))
```

```
l=input("Enter address:")
```

```
m=int(input("Enter Phone number:"))
```

```
n=input("Enter your gender:")
```

```
k=w.strip()
```

```
print(k)
```

```
if k.upper()=='GUEST':
```

```
    co.execute("insert into guests values({}, '{}', {}, '{}', '{}', '{}')".format(a,x,m,l,n,'Guest'))
```

```

elif k.upper()=='STAFF':

    rt=input("Enter your department:")

    ty=input("Enter date of joining(YYYY-MM-DD):")

    co.execute("insert into staff
values({},{}','{}','{}','{}','{}','{}','{}').format(a,x,rt,m,ty,l,n,'Staff'))

    mydb.commit()

    print("Your account was created")


#login
s=[(a,x,z,k)]

print("login successful.")

print('You have logged in through the account created now')

print("-----")

```

2 Checking User Type (guest or staff)

```

hy=s[0][3].upper()

if 'GUEST' in hy.strip():

    print('-----')

    print('Press 1- Lodging Room')

    print('Press 2- Restaurant')

    print('Press 3- Exit')

    print('-----')

    c=int(input("Enter your choice: "))

    if c==1:

        print('-----')

        print('Lodging room')

        print("Press 1- Room details")

        print('Press 2- Room booking')

        print('Press 3- Exit')

```

```
print('-----')
ch=int(input("Enter your choice: "))
if ch==1:
    room_details()    #
    print("Press 1- Room booking")
    print('Press 2- Skip')
    cfr=int(input("Enter your choice: "))
    if cfr==1:
        room_booking(s)    #
    elif cfr==2:
        pass
elif ch==2:
    room_booking(s)
elif ch==3:
    break
else:
    print('Give required input')
print('-----')
print("Press 1- Feedback")
print('Press 2- Skip')
kk=int(input("Enter your choice: "))
if kk==1:
    feedback()    #
    print('-----')
    break
elif kk==2:
    pass
    print('-----')
```

```
elif c==2:

    print('Welcome to our restaurant')

    print('Press 1- Menu')

    print('Press 2- Order')

    print('Press 3- Table booking')

    print('Press 4- Exit')

    ci=int(input('Enter your choice:'))

    if ci==1:

        menu()    #

    elif ci==2:

        order()    #

    elif ci==3:

        table_booking()#

    elif ci==4:

        break

    else:

        print('Give required input')

        print('-----')

        print("Press 1- Feedback")

        print('Press 2- Skip')

        kk=int(input("Enter your choice: "))

        if kk==1:

            feedback()

            print('-----')

            break

        elif kk==2:

            pass

            print('-----')
```

```
elif c==3:
    break
else:
    print('Give required input')
```

```
#staff
```

```
elif hy.strip()=="STAFF":
    print("-----")
    print("press 1 for Staff details")
    print("press 2 for Guest details")
    print("press 3 for Lodging room details")
    print("press 4 for Restaurant management")
    print("-----")
    ap=int(input("Enter your choice:"))
    if ap==1:
        print("-----")
        print("*****Staff details*****")
        print("press 1 to show staff details")
        print("press 2 to update staff details")
        print("press 3 to search staff details")
        print("press 4 to exit")
        print("-----")
        pp=int(input("Enter your choice:"))
        if pp==1:
            #staff_details()
            print("-----")
```

```
mydb=m.connect(host="localhost",user="root",password="admin",database="taj_hotel")
co=mydb.cursor()
```

```

co.execute('select * from staff')
x=co.fetchall()
for i in x:
    print(i)
mydb.commit()
print("-----")
elif pp==2:  # update staff details
    print("-----")
    print("press 1 to Add details of a new staff person")
    print("press 2 to Remove details of an old staff person")
    print("press 3 to change any of the following data:(staff person name,
department, phone no., address)")
    print("press 4 to exit")
    print("-----")
    zl=int(input("Enter your choice:"))
    if zl==1:
        insert_sdetails()  #
    elif zl==2:
        remove_sdetails()  #
    elif zl==3:
        print("-----")
        print("press 1 to change staff member name")
        print("press 2 to change department")
        print("press 3 to change phone no.")
        print("press 4 to change address")
        print("press 5 to exit")
        print("-----")
        oj=int(input("Enter your choice:"))
        if oj==1:

```

```

        staff_name_change()  #
    elif oj==2:
        staff_department_change()  #
    elif oj==3:
        staff_phoneNum_change()  #
    elif oj==4:
        staff_address_change()  #
    elif oj==5:
        break
    elif zl==4:
        break

elif pp==3:    # search staff details
    print("-----")
    print("****staff details****")
    print("press 1 to search staff names")
    print("press 2 to search details of a staff member by the description you will
choose (user id, dept, phone, date_of_joining, address):")
    print("press 3 to exit")
    print("-----")
    hfg=int(input("Enter your choice:"))
    if hfg==1:
        search_sname()  #
    elif hfg==2:
        search_staff()#
    elif hfg==3:
        break
    else:
        print('Give required input')

```

```
elif pp==4:
```

```
    break
```

```
else:
```

```
    print('Give required input')
```

```
elif ap==2:
```

```
    print("-----")
```

```
    print("*****Guest details*****")
```

```
    print("press 1 to show guest details")
```

```
    print("press 2 to update guest details")
```

```
    print("press 3 to search guest details")
```

```
    print("press 4 to exit")
```

```
    print("-----")
```

```
    oo=int(input("Enter your choice:"))
```

```
    if oo==1:
```

```
        guest_details()    #
```

```
elif oo==2:
```

```
    print("-----")
```

```
    print("press 1 to Add details of a new guest")
```

```
    print("press 2 to Remove details of an old guest")
```

```
    print("press 3 to change any of the following data:(guest address, , phone no.,  
user id)")
```

```
    print("press 4 to exit")
```

```
    print("-----")
```

```
    zl=int(input("Enter your choice:"))
```

```
    if zl==1:
```

```
        insert_gdetails()    #
```

```
elif zl==2:
```

```
        remove_gdetails()    #
```

```

elif zl==3:

    print("-----")
    print("print 1 to change guest name")
    print("print 2 to change phone no.")
    print("print 3 to change address")
    print("press 4 to exit")
    print("-----")
    oj=int(input("Enter your choice:"))
    if oj==1:
        guest_name_change() #

elif oj==2:
    guest_phoneNum_change() #

elif oj==3:
    guest_address_change() #

elif oj==4:
    break
else:
    print('Give required input')
elif zl==4:
    break
else:
    print('Give required input')
elif oo==3:
    print("-----")
    print("press 1 to search guest names")

```

```
print("press 2 to search details of a guest member by the description you will  
choose (user id, dept, phone, date_of_joining, address):")
```

```
print("press 3 to exit")
```

```
print("-----")
```

```
hfg=int(input("Enter your choice:"))
```

```
if hfg==1:
```

```
    search_gname() #
```

```
elif hfg==2:
```

```
    search_guest() #
```

```
elif hfg==3:
```

```
    break
```

```
elif oo==4:
```

```
    break
```

```
elif ap==3:
```

```
print("-----")
```

```
print("-----Lodging room details-----")
```

```
print("press 1 to show room booking details")
```

```
print("press 2 to remove details of a room booking")
```

```
print("press 3 to add details of a room booking ")
```

```
print("press 4 to exit")
```

```
print("-----")
```

```
pk=int(input("Enter your choice:"))
```

```
if pk==1:
```

```
    room_booking_details() #
```

```
elif pk==2:
```

```
    roombooking_remove() #
```

```
elif pk==3:
```

```
    room_booking() #
```

```
elif pk==4:
```

break

elif ap==4:

print("-----")

print("-----Restaurant management-----")

print("press 1 for modifications in menu")

print("press 2 for modifications in order")

print("press 3 for modifications in table booking")

print("press 4 to exit")

print("-----")

vv=int(input("Enter your choice:"))

if vv==1:

menu() #

print("press 1 to add dish into menu")

print("press 2 to remove dish from menu")

print("press 3 to change price of any item")

print("press 4 to change name of any item")

print("press 5 for Exit")

vqa=int(input("Enter your choice:"))

if vqa==1:

add_dish() #

elif vqa==2:

remove_dish() #

elif vqa==3:

change_price_dish() #

elif vqa==4:

change_name_dish()#

elif vqa==5:

break

```

elif vv==2:

    print("press 1 for order details")

    print("press 2 for Exit")

    om=int(input("Enter your choice:"))

    if om==1:

        order_details() #

    elif om==2:

        break

elif vv==3:

    print("press 1 to cancel table booking")

    print("press 2 to book a table")

    print("press 3 for Exit")

    kl=int(input("enter your choice"))

    if kl==1:

        cancel_booking()

    elif kl==2:

        book_table()

    elif kl==3:

        break

elif vv==4:

    break

except:

    print("invalid input ")

print('successfully visited')

print("""

+++++

*****THANKS FOR VISITING*****

+++++

""")

```

MySQL *DATABASE*

TAJ-HOTEL DATABASE:-

```
mysql> use taj_hotel;
Database changed
mysql> show tables;
+-----+
| Tables_in_taj_hotel |
+-----+
| feedback             |
| guests               |
| menu                 |
| order_details        |
| order_info           |
| roombooking          |
| rooms                |
| staff                |
| table_booking         |
| tables                |
| users                |
+-----+
11 rows in set (1.00 sec)
```

FEEDBACK TABLE:-

```
mysql> select*from feedback;
+-----+-----+-----+
| UserID | Username      | Feedback |
+-----+-----+-----+
| 1      | Alice Johnson | Excellent stay with great service |
| 2      | Bob Smith     | wonderful amenities-highly recommended |
| 3      | Charlie Brown | Clean, cozy, and a perfect place to unwind-will visit again |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

GUESTS TABLE:-

```
mysql> select * from guests;
```

UserID	UserName	PhoneNum	Address	Gender	UserType
1	Alice Johnson	34567890	123 Elm Street, NY	Female	Guest
2	Bob Smith	76543210	456 Oak Avenue, CA	Male	Guest
3	Charlie Brown	56667777	789 Pine Road, TX	Male	Guest
4	Diana Prince	45556666	101 Maple Lane, FL	Female	Guest
5	Evan Wright	23334444	202 Birch Way, WA	Male	Guest
6	Fiona Lee	89990000	303 Cedar Drive, IL	Female	Guest
7	George King	78889999	404 Spruce Path, GA	Male	Guest
8	Hannah Adams	67778888	505 Aspen Boulevard, MA	Female	Guest
9	Ian Clark	12223333	606 Walnut Grove, OR	Male	Guest
10	Julia Roberts	98887777	707 Willow Lane, AZ	Female	Guest

10 rows in set (0.00 sec)

ORDER DETAILS TABLE:-

```
mysql> select * from order_details;
```

OrderNum	ItemNum	Quantity	SubTotal
1	1	2	12
2	6	1	10
3	10	1	6
1	10	2	12

4 rows in set (0.00 sec)

ORDER INFO TABLE:-

```
mysql> select * from order_info;
```

OrderNum	UserID	TableNum	TotalAmount
1	1	1	24
2	2	2	10
3	3	3	6

3 rows in set (0.00 sec)

ROOMS TABLE:-

```
mysql> select* from rooms;
```

RoomNum	RoomType	Status	Price_PerDay	LocationDetails	Num_of_Guests
101	Single	Vacant	500	1st Floor, Near Elevator	1
102	Double	Occupied	750	2nd Floor, Garden View	2
103	Suite	Vacant	1500	3rd Floor, Ocean View	4
104	Single	Occupied	500	1st Floor, Corner Room	1
105	Double	Vacant	850	2nd Floor, Pool View	2
106	Suite	Occupied	2000	3rd Floor, Deluxe Suite	4
107	Double	Vacant	900	2nd Floor, Mountain View	3
108	Single	Vacant	550	1st Floor, Quiet Zone	1
109	Suite	Vacant	1800	4th Floor, Penthouse	5
110	Double	Occupied	800	2nd Floor, Near Lobby	2

10 rows in set (0.00 sec)

STAFF TABLE:-

```
mysql> select* from staff;
```

UserID	UserName	Dept	PhoneNum	DateOfJoining	Address	Gender	UserType
11	Liam Carter	HR	34567890	2021-06-15	123 Elm Street, NY	Female	Staff
12	Noah Blake	IT	76543210	2020-03-10	456 Oak Avenue, CA	Male	Staff
13	Elijah Moore	Finance	56667777	2019-09-23	789 Pine Road, TX	Male	Staff
14	Sophia Clark	Marketing	45556666	2022-01-12	101 Maple Lane, FL	Female	Staff
15	James Reed	IT	23334444	2023-05-18	202 Birch Way, WA	Male	Staff
16	Isabella Lopez	Finance	67778888	2018-07-22	505 Aspen Boulevard, MA	Female	Staff
17	Oliver Scott	IT	11122333	2022-04-15	606 Walnut Grove, OR	Male	Staff
18	Mia Turner	HR	33344555	2023-03-12	707 Cedar Street, CO	Female	Staff
19	Lucas Hill	Marketing	79991111	2020-10-19	808 Maple Boulevard, NV	Male	Staff
20	Emma Baker	Sales	54443333	2021-12-25	909 Oak Avenue, NJ	Female	Staff

10 rows in set (0.02 sec)

TABLE BOOKING TABLE:-

```
mysql> select* from table_booking;
```

TableNum	UserID	Date	Time
1	1	2025-01-01	11:00:00
2	3	2025-01-02	12:00:00
3	2	2025-01-01	10:00:00
4	4	2025-01-05	10:00:00
5	6	2025-01-06	12:00:00

5 rows in set (0.00 sec)

TABLES TABLE:-

```
mysql> select* from tables;
```

TableNum	Capacity	Status	TablePrice
1	2	Available	NULL
2	4	Reserved	NULL
3	6	Available	NULL
4	4	Available	NULL
5	2	Reserved	NULL
6	8	Available	NULL
7	6	Reserved	NULL
8	4	Available	NULL
9	8	Reserved	NULL
10	2	Available	NULL

10 rows in set (0.02 sec)

USERS TABLE:-

```
mysql> select* from users;
```

UserID	UserName	Password	UserType
1	Alice Johnson	5466	Guest
2	Bob Smith	7875	Guest
3	Charlie Brown	4664	Guest
4	Diana Prince	4687	Guest
5	Evan Wright	48756	Guest
6	Fiona Lee	84687	Guest
7	George King	7464	Guest
8	Hannah Adams	4745	Guest
9	Ian Clark	47447	Guest
10	Julia Roberts	5773	Guest
11	Liam Carter	2352	Staff
12	Noah Blake	2525	Staff
13	Elijah Moore	56254	Staff
14	Sophia Clark	3477	Staff
15	James Reed	37556	Staff
16	Isabella Lopez	5777	Staff
17	Oliver Scott	2356	Staff
18	Mia Turner	2541	Staff
19	Lucas Hill	469	Staff
20	Emma Baker	24621	Staff

20 rows in set (0.46 sec)

ROOM BOOKING TABLE:-

```
mysql> select* from roombooking;
```

RoomNum	BookingID	UserID	UserName	Address	PhoneNum	CheckIn	CheckOut	Gender
101	111	1	Alice Johnson	123 Elm Street, NY	34567890	2025-01-01	2025-01-04	Female
102	112	2	Bob Smith	456 Oak Avenue, CA	76543210	2025-01-02	2025-01-04	Male
103	113	3	Charlie Brown	789 Pine Road, TX	56667777	2025-01-02	2025-01-06	Male
104	114	4	Diana Prince	101 Maple Lane, FL	45556666	2025-01-01	2025-01-03	Female

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

MENU TABLE:-

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

ItemNum	ItemName	Price	Category	Veg_or_NonVeg
1	Spring Rolls	6	Appetizer	Veg
2	Garlic Bread	3	Appetizer	Veg
3	Caesar Salad	7	Appetizer	Veg
4	Grilled Chicken	13	MainCourse	NonVeg
5	Beef Steak	19	MainCourse	NonVeg
6	Vegetable Curry	10	MainCourse	Veg
7	Paneer Tikka	8	MainCourse	Veg
8	Chocolate Cake	5	Dessert	Veg
9	Ice Cream	4	Dessert	Veg
10	Tiramisu	6	Dessert	Veg
11	Mushroom Soup	8	Appetizer	Veg
12	French Fries	4	Appetizer	Veg
13	Chicken Wings	9	Appetizer	NonVeg
14	Spaghetti Bolognese	12	MainCourse	NonVeg
15	Lamb Chop	20	MainCourse	NonVeg
16	Paneer Butter Masala	11	MainCourse	Veg
17	Vegetable Biryani	10	MainCourse	Veg
18	Apple Pie	5	Dessert	Veg
19	Panna Cotta	5	Dessert	Veg
20	Cheesecake	7	Dessert	Veg

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

OUTPUTS

TAJ-HOTEL'S OUTPUT

STARTING INTERFACE:-

[illegible]

Press 1- Login
Press 2- Sign in
Press 3- About hotel

Enter your choice: 1

USER INTERFACE:-

Press 1- Login
Press 2- Sign in
Press 3- About hotel

USER LOGIN:-

```
Enter your user ID:1
Enter user name:Alice Johnson
Enter your password:5466
login successful.
```

USER SIGN-IN:-

Don't have any account.
Please create an account.

Your user id is 124

Enter user name:Jayasri

New password:5645

Confirm password:5645

Enter your identity (Guest/Staff): Guest

Enter address:Basudev nagar

Enter Phone number:785844481

Enter your gender:Female

Guest

Your account was created

USER MAIN MENU:-

Press 1- Lodging Room

Press 2- Restaurant

Press 3- Exit

Enter your choice: 1

FOR LODGING ROOM:-

Enter your choice: 1

Lodging room

Press 1- Room details

Press 2- Room booking

Press 3- Exit

TO GET ROOM DETAILS:-

Enter your choice: 1

(101, 'Single', 'Occupied', 500, '1st Floor, Near Elevator', 1)
(102, 'Double', 'Occupied', 750, '2nd Floor, Garden View', 2)
(103, 'Suite', 'Occupied', 1500, '3rd Floor, Ocean View', 4)
(104, 'Single', 'Occupied', 500, '1st Floor, Corner Room', 1)
(105, 'Double', 'Occupied', 850, '2nd Floor, Pool View', 2)
(106, 'Suite', 'Occupied', 2000, '3rd Floor, Deluxe Suite', 4)
(107, 'Double', 'Occupied', 900, '2nd Floor, Mountain View', 3)
(108, 'Single', 'Occupied', 550, '1st Floor, Quiet Zone', 1)
(109, 'Suite', 'Occupied', 1800, '4th Floor, Penthouse', 5)
(110, 'Double', 'Occupied', 800, '2nd Floor, Near Lobby', 2)

Press 1- Room booking

Press 2- Skip

Enter your choice:

FOR ROOM BOOKING:-

Press 1- Room booking

Press 2- Skip

Enter your choice: 1

Enter your selected Room Number: 111

Your Booking ID is 115

Enter check in date:2024-1-6

Enter check out date:2024-1-8

Room booked.

FOR RESTAURANT DETAILS:-

Press 1- Lodging Room
Press 2- Restaurant
Press 3- Exit

Enter your choice: 2
Welcome to our restaurant
Press 1- Menu
Press 2- Order
Press 3- Table booking
Press 4- Exit

FOR MENU DETAILS:-

*****MENU*****

item_number,item_name,price,category,availability,veg or non veg

(1, 'Spring Rolls', 6, 'Appetizer', 'Veg')
(2, 'Garlic Bread', 3, 'Appetizer', 'Veg')
(3, 'Caesar Salad', 7, 'Appetizer', 'Veg')
(4, 'Grilled Chicken', 13, 'MainCourse', 'NonVeg')
(5, 'Beef Steak', 19, 'MainCourse', 'NonVeg')
(6, 'Vegetable Curry', 10, 'MainCourse', 'Veg')
(7, 'Paneer Tikka', 8, 'MainCourse', 'Veg')
(8, 'Chocolate Cake', 5, 'Dessert', 'Veg')
(9, 'Ice Cream', 4, 'Dessert', 'Veg')
(10, 'Tiramisu', 6, 'Dessert', 'Veg')
(11, 'Mushroom Soup', 8, 'Appetizer', 'Veg')
(12, 'French Fries', 4, 'Appetizer', 'Veg')
(13, 'Chicken Wings', 9, 'Appetizer', 'NonVeg')
(14, 'Spaghetti Bolognese', 12, 'MainCourse', 'NonVeg')
(15, 'Lamb Chop', 20, 'MainCourse', 'NonVeg')
(16, 'Paneer Butter Masala', 11, 'MainCourse', 'Veg')
(17, 'Vegetable Biryani', 10, 'MainCourse', 'Veg')
(18, 'Apple Pie', 5, 'Dessert', 'Veg')
(19, 'Panna Cotta', 5, 'Dessert', 'Veg')
(20, 'Cheesecake', 7, 'Dessert', 'Veg')

,

TO ORDER:-

Enter your choice: 2
Welcome to our restaurant
Press 1- Menu
Press 2- Order
Press 3- Table booking
Press 4- Exit
Enter your choice:2

Your Table Number is 3
Enter no. of distinct items to be ordered: 2
Enter the item number to be ordered: 1
Enter the quantity of above item to be ordered: 1
Enter the item number to be ordered: 3
Enter the quantity of above item to be ordered: 2
Your order has been placed.

FOR TABLE BOOKING:-

Welcome to our restaurant
Press 1- Menu
Press 2- Order
Press 3- Table booking
Press 4- Exit
Enter your choice:3

Enter Table number:7
Enter date booked: 2025-01-23
Enter time booked: 4:00

LOGIN AS STAFF:-

Enter your user ID:11

Enter user name:Liam Carter

Enter your password:2352

login successful.

press 1 for Staff details

press 2 for Guest details

press 3 for Lodging room details

press 4 for Restaurant management

FOR STAFF DETAILS:-

Enter your choice:1

****Staff details****

press 1 to show staff details

press 2 to update staff details

press 3 to search staff details

press 4 to exit

TO SHOW STAFF DETAILS:-

*****Staff details*****

press 1 to show staff details
press 2 to update staff details
press 3 to search staff details
press 4 to exit

Enter your choice:1

(11, 'Liam Carter', 'HR', 34567890, datetime.date(2021, 6, 15), '123 Elm Street, NY', 'Female', 'Staff')
(12, 'Noah Blake', 'IT', 76543210, datetime.date(2020, 3, 10), '456 Oak Avenue, CA', 'Male', 'Staff')
(13, 'Elijah Moore', 'Finance', 56667777, datetime.date(2019, 9, 23), '789 Pine Road, TX', 'Male', 'Staff')
(14, 'Sophia Clark', 'Marketing', 45556666, datetime.date(2022, 1, 12), '101 Maple Lane, FL', 'Female', 'Staff')
(15, 'James Reed', 'IT', 23334444, datetime.date(2023, 5, 18), '202 Birch Way, WA', 'Male', 'Staff')
(16, 'Isabella Lopez', 'Finance', 67778888, datetime.date(2018, 7, 22), '505 Aspen Boulevard, MA', 'Female', 'Staff')
(17, 'Oliver Scott', 'IT', 11122333, datetime.date(2022, 4, 15), '606 Walnut Grove, OR', 'Male', 'Staff')
(18, 'Mia Turner', 'HR', 33344555, datetime.date(2023, 3, 12), '707 Cedar Street, CO', 'Female', 'Staff')
(19, 'Lucas Hill', 'Marketing', 79991111, datetime.date(2020, 10, 19), '808 Maple Boulevard, NV', 'Male', 'Staff')
(20, 'Emma Baker', 'Sales', 54443333, datetime.date(2021, 12, 25), '909 Oak Avenue, NJ', 'Female', 'Staff')

TO UPDATE STAFF DETAILS:-

*****Staff details*****

press 1 to show staff details
press 2 to update staff details
press 3 to search staff details
press 4 to exit

Enter your choice:2

press 1 to Add details of a new staff person
press 2 to Remove details of an old staff person
press 3 to change any of the following data:(staff person name, department, phone no., address)
press 4 to exit

FOR GUESTS DETAILS:-

press 1 for Staff details
press 2 for Guest details
press 3 for Lodging room details
press 4 for Restaurant management

Enter your choice:2

****Guest details****

press 1 to show guest details
press 2 to update guest details
press 3 to search guest details
press 4 to exit

TO SEARCH GUEST DETAILS:-

****Guest details****

press 1 to show guest details
press 2 to update guest details
press 3 to search guest details
press 4 to exit

Enter your choice:3

press 1 to search guest names
press 2 to search details of a guest member by the description you will choose (user id, dept, phone, date_of_joining, address):
press 3 to exit

TO SEARCH GUEST NAMES:-

press 1 to search guest names
press 2 to search details of a guest member by the description you will choose (user id, dept, phone, date_of_joining, address):
press 3 to exit

Enter your choice:1

Enter the guest name you want to search about:Alice John
(1, 'Alice Johnson', 34567890, '123 Elm Street, NY', 'Female', 'Guest')

REFERENCES:-

In order to work on this project titled" TAJ-HOTEL" 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) - Textbook for class XII
2. www.python.com
3. [https:// docs.google.com/ forms/](https://docs.google.com/forms/)
4. [https:// www.geeksforgeeks.org/](https://www.geeksforgeeks.org/)
5. [https:// www.datacamp.com/](https://www.datacamp.com/)
6. [https:// www.w3schools.com/](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.