

LEXUS HOTEL



ACKNOWLEDGEMENT

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INTRODUCTION

This Project on Hotel Management is a general software developed (using Python) to simplify hotel operations by automating them. In this project, "Hotel Lexus" is the project's hotel name. It covers major aspects of hotel management; it could perform the following operations- Hotel Booking, Provide you with Hotel Rooms Info, Room Service, Billing and Record-Keeping. We have used API to send confirmation message through sms to the client and have created a website for our hotel. The users data is stored in MySQL database.

WORKING ENVIRONMENT

HARDWARE

Processor :AMD Ryzen 5 3350H

Hard Disk Capacity : 1TB

RAM :8GB

Mouse : Optical Mouse

SOFTWARE

Operating System :WINDOWS 10

64-bit

Programming language: Python


```
#=====Hotelmanagement system=====
```

```
import random
```

```
from tkinter import*
```

```
import requests
```

```
import webbrowser
```

```
import mysql.connector as con
```

```
root=Tk()
```

```
root.geometry("660x540")
```

```
root.title("LEXUS HOTEL")
```

```
root.resizable(width=False, height=False)
```

```
#=====messegeAPI=====
```

```
def website():
```

```
    webbrowser.open("https://801088.wixsite.com/website")
```

```
def sms():
```

```
    #message sent after 9pm will be scheduled to be sent  
    at 9am the next day
```

```
    url = "https://www.fast2sms.com/dev/bulk"
```

```
##          t="Dear customer\nThank you for choosing Lexus  
Hotel.This sms is to confirm that your booking has been succesfully  
completed.Glad to welcome you soon\nThankyou:)"
```

```
    querystring =
```

```
    {"authorization": "AmY7fJrtTxF52n3sSQMzwE4B8OpkVoPWUebyKX0dRjH9C11qZc  
8n4xqwBrEQWOgTuve3dZNV9DGAsJSL",
```

```
        "sender_id": "FSTSMS",
```

```
        "message": "Dear customer\nThank you for choosing  
Lexus Hotel.This sms is to confirm that your booking has been  
succesfully completed.Glad to welcome you soon\nThankyou:)",
```

```

        "language": "english",

        "route": "p",

        "numbers": e3.get() }

headers = {

    'cache-control': "no-cache"

}

response = requests.request("GET", url,
headers=headers, params=querystring)

print(response.text)

#=====BOOKING=====

def booking() :

    root=Tk()

    root.geometry("700x500")

    root.title('BOOKING MENU')

    root.configure(bg="lavender")

    #=====Label=====

    title=Label(root,text="BOOKING",fg="White",bg="steel blue", font
= ("Comic sans MS",30,"bold"))

    title.place(x=240,y=5)

    lb1=Label(root,text="ENTER NAME",fg="Black",bg="lavender")

    lb2=Label(root,text="ENTER ADDRESS",bg="lavender")

    lb3=Label(root,text="ENTER PHONENO",bg="lavender")

    lb4=Label(root,text="ENTER IDP",bg="lavender")

    lb5=Label(root,text="ENTER CHECKIN DATE",bg="lavender")

    lb6=Label(root,text="ENTER NO: OF DAYS",bg="lavender")

    lb7=Label(root,text="SELECT YOUR
ROOM",bg="lightblue",fg="snow",font=("arial",16,"bold"))

```



```

a=str(random.randint(100,200))

def roomno():
    b7=Label(root,text=a,bg="lavender",font=("arial",12))
    b7.place(x=260,y=345)
    bt=Button(root,text="ROOM NUMBER
:",command=roomno,bd="6",bg="powder blue")
    bt.place(x=67,y=340)

lb1.place(x=50,y=90)
lb2.place(x=50,y=130)
lb3.place(x=50,y=170)
lb4.place(x=50,y=210)
lb5.place(x=50,y=290)
lb6.place(x=50,y=250)
lb7.place(x=396,y=90)

bt=Button(root,text="CONFIRMATION",command=sms,bd="6",bg="powder
blue")
bt.place(x=67,y=380)

```

```

#=====Entry=====

    global e3
##    global e1
##    global e6

    global ttt

##    ttt=("Good day",e1.get(),"We confirm your reservation at lexus
hotel on",e5.get()," has been succesfully completed.Glad to welcome
you soon")

    e1=Entry(root,width=30,bd="6",bg="Powder Blue")
    e2=Entry(root,width=30,bd="6",bg="Powder Blue")
    e3=Entry(root,width=30,bd="6",bg="Powder Blue")
    e4=Entry(root,width=30,bd="6",bg="lightblue")
    e5=Entry(root,width=30,bd="6",bg="Powder Blue")
    e6=Entry(root,width=30,bd="6",bg="Powder Blue")
    e1.place(x=180,y=90)
    e2.place(x=180,y=130)
    e3.place(x=180,y=170)
    e4.place(x=180,y=210)
    e5.place(x=180,y=290)
    e6.place(x=180,y=250)


#=====RoomsLabel=====

#=====RECORD INSERTION ACCORDING TO ROOM
SELECTION=====


h="YOUR PAYMENT AMOUNT : 1500"

def lab1():
##    lb=Label(root,text=h,font="10",bg="lavender")
##    lb.place(x=200,y=380)

    b=1500

    m=e1.get()

    n=e2.get()

```

```

o=e3.get()

p=e4.get()

q=e5.get()

r=e6.get()

jj=1500*int(r)

Tamount="YOUR PAYMENT AMOUNT IS :RS"+str(jj)

lbl=Label(root,text=Tamount,font="10",bg="lavender")

lbl.place(x=200,y=380)

import mysql.connector as con

mycon=con.connect(host='localhost',user='root',password='vishal1234',
,database='htms')

mycursor=mycon.cursor()

qry="INSERT INTO
hts(Name,Address,Phone,Idp,Date,Days,Roomno,TotalBill)
VALUES ('{0}','{1}',{2},{3},{4},{5},{6},{7})".format(m,n,o,p,q,r,int(
a),jj)

mycursor.execute(qry)

mycon.commit()


g="YOUR PAYMENT AMOUNT : 2500"

def lab2():

##      lb2=Label(root,text=g,font="10")

lb2.place(x=200,y=380)

c=2500

m=e1.get()

n=e2.get()

o=e3.get()

p=e4.get()

q=e5.get()

r=e6.get()

jj=2500*int(r)

```

```

Tamount="YOUR PAYMENT AMOUNT IS :RS"+str(jj)

lbl=Label(root,text=Tamount,font="10",bg="lavender")

lbl.place(x=220,y=380)

import mysql.connector as con

mycon=con.connect(host='localhost',user='root',password='vishal1234',
,database='htms')

mycursor=mycon.cursor()

qry="INSERT INTO
hts(Name,Address,Phone,Idp,Date,Days,Roomno,TotalBill)
VALUES ('{0}','{1}',{2},{3},{4},{5},{6},{7})".format(m,n,o,p,q,r,int(
a),jj)

mycursor.execute(qry)

mycon.commit()

jj=2500*int(r)

i="YOUR PAYMENT AMOUNT : 3500"

def lab3():

##      lb3=Label(root,text=i,font="10")
##      lb3.place(x=200,y=380)

d=3500

m=e1.get()

n=e2.get()

o=e3.get()

p=e4.get()

q=e5.get()

r=e6.get()

jj=3500*int(r)

Tamount="YOUR PAYMENT AMOUNT IS :RS"+str(jj)

lbl=Label(root,text=Tamount,font="10",bg="lavender")

lbl.place(x=200,y=380)

import mysql.connector as con

mycon=con.connect(host='localhost',user='root',password='vishal1234',
,database='htms')

```

```

mycursor=mycon.cursor()

qry="INSERT INTO
hts (Name,Address,Phone,Idp,Date,Days,Roomno,TotalBill)
VALUES ('{0}','{1}',{2},{3},{4},{5},{6},{7})".format(m,n,o,p,q,r,int(
a),jj)

mycursor.execute(qry)

mycon.commit()

jj=3500*int(r)

```

```

l="YOUR PAYMENT AMOUNT : 4500"

def lab4():

##      lb4=Label(root,text=l,font="10")
##      lb4.place(x=200,y=380)

e=4500

m=e1.get()
n=e2.get()
o=e3.get()
p=e4.get()
q=e5.get()
r=e6.get()

jj=4500*int(r)

Tamount="YOUR PAYMENT AMOUNT IS :RS"+str(jj)

lb1=Label(root,text=Tamount,font="10",bg="lavender")

lb1.place(x=200,y=380)

import mysql.connector as con

mycon=con.connect(host='localhost',user='root',password='vishal1234',
, database='htms')

mycursor=mycon.cursor()

qry="INSERT INTO
hts (Name,Address,Phone,Idp,Date,Days,Roomno,TotalBill)
VALUES ('{0}','{1}',{2},{3},{4},{5},{6},{7})".format(m,n,o,p,q,r,int(
a),jj)

mycursor.execute(qry)

```

```

mycon.commit()

jj=4500*int(r)


#=====RoomsButtons=====
==

b1=Button(root,text="STANDARD NON AC
",bd="9",padx="10",pady="6",fg="Black",bg="powder
blue",command=lab1)

b2=Button(root,text="STANDARD - AC
",padx="18",pady="6",bd="9",fg="Black",bg="powder
blue",command=lab2)

b3=Button(root,text="DELUXE SINGLE BED
",bd="9",padx="11",pady="6",fg="Black",bg="powder
blue",command=lab3)

b4=Button(root,text="DELUXE DOUBLE BED
",bd="9",padx="8",pady="6",fg="Black",bg="powder blue",command=lab4)

b1.place(x=435,y=125)

b2.place(x=435,y=175)

b3.place(x=435,y=225)

b4.place(x=435,y=275)


#NO USE JUST IGNORE

def get():

    m=e1.get()

    n=e2.get()

    o=e3.get()

    p=e4.get()

    q=e5.get()

    r=e6.get()

    import mysql.connector as con

mycon=con.connect(host='localhost',user='root',password='vishal1234',
, database='htms')

mycursor=mycon.cursor()

```

```

        qry="INSERT INTO
hts (Name,Address,Phone,Idp,Date,Days,Roomno)
VALUES ('{0}','{1}',{2},{3},{4},{5},{6})".format(m,n,o,p,q,r,int(a))

        mycursor.execute(qry)

        mycon.commit()

```

```

#=====GUEST FUNCTION=====

```

```

def guest():
    root=Tk()

    root.geometry("350x400")

    root.configure(bg="plum2")

    root.title('guests')

```

```

#SEARCHING A PARTICULAR RECORD

```

```

def search():
    root=Tk()

    root.geometry("900x450")

    root.configure(bg="ghostwhite")

    lb2=Label(root,text="SEARCH",bg="ghostwhite",font=("Cosmic
Sans MS", 30,"bold"))

    lb2.place(x=347,y=50)

    lb1=Label(root,text="ENTER
NAME",bg="ghostwhite",font=("Corbel", 14,"bold"))

    lb1.place(x=200,y=150)

    e1=Entry(root,width=25,bd="6",bg="ghostwhite")

    e1.place(x=340,y=150)

```

```

def gt():

    import mysql.connector as con

mycon=con.connect(host='localhost',user="root",password="vishal1234"
,database="htms")

    mycursor=mycon.cursor()

    x=e1.get()

    qry="SELECT * FROM hts WHERE Name='{}'.format(x)

    mycursor.execute(qry)

    m=mycursor.fetchone()

    lbn=Label(root,text="NAME      : "+e1.get())

    lbr=Label(root,text="TOTAL BILL AMOUNT :      ")

    c=len(m)

    h=120

    for i in range(0,c) :

l=Label(root,text=m[i],bg="lightblue",pady="8",width=9)

        l.place(x=h,y=240)

        h+=73

        lab=Label(root,text="TOTAL BILL AMOUNT ")

lname=Label(root,text="NAME",width="5",pady="8",padx="15",bg="white"
)

ladd=Label(root,text="ADDRESS",width="9",pady="8",bg="white")

lphno=Label(root,text="PHONE",width="9",pady="8",bg="white")

lidp=Label(root,text="IDP",width="9",pady="8",bg="white")

ldate=Label(root,text="DATE",width="9",pady="8",bg="white")

lroom=Label(root,text="DAYS",width="9",pady="8",bg="white")

        ltt=Label(root,text="TOTAL
BILL",width="9",pady="8",bg="white")

```



```
lda=Label (root,text="ROOMNO",width="7",pady="8",padx="7",bg="white")
```

```
lrst=Label (root,text="RESTAURANT",width="9",pady="8",padx="7",bg="white")
```

```
lname.place (x=120,y=200)
```

```
ladd.place (x=192,y=200)
```

```
lphno.place (x=266,y=200)
```

```
lidp.place (x=340,y=200)
```

```
ldate.place (x=412,y=200)
```

```
lroom.place (x=557,y=200)
```

```
ltt.place (x=630,y=200)
```

```
lda.place (x=486,y=200)
```

```
lrst.place (x=704,y=200)
```

```
bt=Button (root,text="SUBMIT",command= gt,bd="6")
```

```
bt.place (x=520,y=146)
```

```
#=====VIEW ALL GUEST  
DETAILS=====
```

```
def guest_info():
```

```
    root=Tk()
```

```
    root.geometry("920x500")
```

```
    root.configure(bg="azure")
```

```
    lttitle=Label (root,text="GUEST  
DETAILS",bg="coral",fg="burlywood1",font=("arial",30,"bold"))
```

```
    lttitle.place (x=300,y=30)
```

```
    import mysql.connector as con
```

```
mycon=con.connect (host="localhost",user="root",password="vishal1234",  
database="htms")
```

```

mycursor=mycon.cursor()

mycursor.execute("select * from hts")

m=mycursor.fetchall()

#l7=Label(root,text=m)

# l7.place(x=120,y=200)

z=127

lname=Label(root,text="NAME",width="10",pady="8")

ladd=Label(root,text="ADDRESS",width="10",pady="8")

lphno=Label(root,text="PHONE",width="10",pady="8")

lidp=Label(root,text="IDP",width="10",pady="8")

ldate=Label(root,text="DATE",width="10",pady="8")

lroom=Label(root,text="DAYS",width="10",pady="8")

l1t=Label(root,text="TOTAL BILL",width="10",pady="8")

lda=Label(root,text="ROOMNO",width="10",pady="8")

l1rst=Label(root,text="RESTAURANT",width="10",pady="8",padx="7")

l1rst.place(x=745,y=90)

lname.place(x=120,y=90)

ladd.place(x=199,y=90)

lphno.place(x=277,y=90)

lidp.place(x=354,y=90)

ldate.place(x=432.5,y=90)

lroom.place(x=511,y=90)

l1t.place(x=667,y=90)

lda.place(x=589.5,y=90)


for w in m :

l9=Label(root,text=w[0],pady="8",width="10",bg="khaki1",)

l9.place(x=120,y=z)

l10=Label(root,text=w[1],pady="8",width="10",bg="tan1")

```

```

        l10.place(x=197.5,y=z)

l11=Label(root,text=w[2],pady="8",width="10",bg="Skyblue3")
        l11.place(x=276,y=z)

l12=Label(root,text=w[3],pady="8",width="10",bg="Salmon")
        l12.place(x=353.5,y=z)
        l13=Label(root,text=w[4],pady="8",width="10",bg="plum2")

l14=Label(root,text=w[5],pady="8",width="10",bg="DarkOliveGreen1")
        l15=Label(root,text=w[6],pady="8",width="10",bg="hot
pink")
        l16=Label(root,text=w[7],pady="8",width="10",bg="light
blue")

l17=Label(root,text=w[8],pady="8",width="10",bg="mediumpurple")
        l13.place(x=432.,y=z)
        l14.place(x=509.5,y=z)
        l15.place(x=589,y=z)
        l16.place(x=667,y=z)
        l17.place(x=745,y=z)

        z+=37

bt=Button(root,text="SEARCH",command=search,bd="6",pady="13",padx="2
1",width="18",bg="hot pink")

        bt1=Button(root,text="GUESTS
DETAILS",command=guest_info,bd="6",pady="13",padx="21",width="18",bg
="hot pink")

        bt.place(x=80,y=120)
        bt1.place(x=80,y=200)


root.mainloop()

```

```
#NO USE JUST IGNORE
```

```
def rooms_available():  
    root=Tk()  
    root.title('rooms available')  
    import mysql.connector as con  
  
    mycon=con.connect(host='localhost',user="root",password="vishal1234"  
    ,database="htms")  
  
    mycursor=mycon.cursor()  
    mycursor.execute("select*from hts")  
    x=mycursor.fetchall()  
    l=[101,102,103,104,105,106,107,108,109,110]  
    if l in x:  
        pass  
    else:  
        label=Label(root,text=l)  
        mycon.close()
```

```
#CANCELLATION POLICY
```

```
def cancel():  
    root=Tk()  
    root.title("cancellation policy[important]")  
    l11=Label(root,text="Our Policy:\nAny cancellation or  
reschedule made less than [Time Period] will result in a  
cancellation fee.\n The amount of the fee will be equal to  
[Percentage] of the reserved services or [Amount], whichever is  
more.If you are more than [Time Period] late for your service, we  
may not be able to accommodate you\n. In this case, the same  
cancellation fee will apply\n. We will do our very best to  
reschedule your service for another time that is convenient to  
you\n.We require a credit card to hold your appointment\n.  
Cancellation fees will be charged to your card on file.In the event
```

of a true, unavoidable emergency, all or part of your cancellation fee may be applied to future services.",font="Corbel 10 bold")

```
l11.pack()
```

```
bt=Button(root,text="CANCELLATION  
POLICY",command=cancel,bd="7",bg='skyblue',fg='black')
```

```
bt.place(x=200,y=186)
```

```
#=====CANCELLATION=====  
=====
```

```
def checkout():
```

```
    root=Tk()
```

```
    root.geometry("650x500")
```

```
    root.title('CANCELLATION PAGE')
```

```
    root.configure(bg='Floral white')
```

```
    ltitle=Label(root,text="CANCELLATION PAGE",bg="steel  
blue",fg="thistle",font=("arial", 28,"bold"))
```

```
    ltitle.place(x=140,y=30)
```

```
    bt=Button(root,text="CANCELLATION  
POLICY",command=cancel,bd="6",bg='skyblue')
```

```
    bt.place(x=250,y=186)
```

```
    lb1=Label(root,text="ENTER NAME",bg="floral  
white",font=("Corbel", 14,"bold"))
```

```
    lb1.place(x=100,y=150)
```

```
    e1=Entry(root,width=25,bd="6")
```

```
    e1.place(x=240,y=150)
```

```
    x=e1.get()
```

```
#DELETING A RECORD
```

```
def get():
```

```
    import mysql.connector as con
```

```
mycon=con.connect(host='localhost',user="root",password="vishal1234",
, database="htms")
```

```
mycursor=mycon.cursor(buffered=True)
```

```
x=e1.get()
```

```
qry="DELETE FROM hts WHERE Name='{}'.format(x)
```

```
mycursor.execute(qry)
```

```
mycon.commit()
```

```
lbr=Label(root,text="YOUR BOOKING HAS BEEN CANCELED!",font=("arial",16,"bold"))
```

```
lbr.place(x=200,y=250)
```

```
bt=Button(root,text="CHECKOUT",command=get,bd="6",bg='skyblue',fg='red')
```

```
bt.place(x=420,y=146)
```

```
#=====RESTAURANT GUI=====
```

```
def rest():
```

```
    root=Tk()
```

```
    root.geometry("600x600")
```

```
    root.title('restaurant')
```

```
    root.configure(bg="lightblue")
```

```
    ltitle=Label(root,text="RESTAURANT BILL",width="19",padx="7",font=("Noir",20,"bold"),bg="azure",fg="black")
```

```
    ltitle.place(x=140,y=10)
```

```
def sl():
```

```
    if clickedsl.get()=="4":
```

```
        et3=Entry(root,bd=6,width=15)
```

```
        et3.place(x=100,y=267)
```

```
        e2=Entry(root,bd=6,width=10)
```

```
        e4=Entry(root,bd=6,width=10)
```

```
        e5=Entry(root,bd=6,width=10)
```

```

        e4.place(x=355,y=267)
        e5.place(x=280,y=267)
        e2.place(x=205,y=267)
    elif clickedsl.get()=="5":
        et3=Entry(root,bd=6,width=15)
        et3.place(x=100,y=267)
        e2=Entry(root,bd=6,width=10)
        e4=Entry(root,bd=6,width=10)
        e5=Entry(root,bd=6,width=10)
        e4.place(x=355,y=267)
        e5.place(x=280,y=267)
        e2.place(x=205,y=267)
    elif clickedsl.get()=="6":
        et3=Entry(root,bd=6,width=15)
        et3.place(x=100,y=325)
        e2=Entry(root,bd=6,width=10)
        e4=Entry(root,bd=6,width=10)
        e5=Entry(root,bd=6,width=10)
        e4.place(x=355,y=325)
        e5.place(x=280,y=325)
        e2.place(x=205,y=325)

```

```

clicked2=StringVar()
clicked2.set("QTY")

```

```

drop2=OptionMenu(root,clicked2,"1","2","3","4","5","6","7","8","9","10")

```

```

drop2.place(x=900,y=180)
clicked3=StringVar()
clicked3.set("QTY")

```

```
drop3=OptionMenu(root,clicked3,"1","2","3","4","5","6","7","8","9","10")
```

```
drop3.place(x=900,y=180)
```

```
lbs=Label(root,text="SELECT FOOD ITEMS",bg='skyblue',font=("time", 10,"bold"))
```

```
lb2=Label(root,text="ENTER ROOM NO: ",bg='skyblue',font=("time", 10,"bold"))
```

```
e=Entry(root,width=20)
```

```
lb3=Label(root,text="ITEM NAME",font=("time", 10,"bold"),bg="lightblue")
```

```
lb4=Label(root,text="RATE",font=("time", 10,"bold"),bg="lightblue")
```

```
lb5=Label(root,text="QTY",font=("time", 10,"bold"),bg="lightblue")
```

```
lb6=Label(root,text="AMOUNT",font=("time", 10,"bold"),bg="lightblue")
```

```
lb7=Label(root,text="BILLED BY : VISHAL",font=("time", 10,"bold"),bg="lightblue")
```

```
lb8=Label(root,text="ROOM NO :",font=("time", 11,"bold"),bg="lightblue")
```

```
lb9=Label(root,text="DATE ",font=("time", 10,"bold"),bg="lightblue")
```

```
lbl1=Label(root,text="SUB TOTAL",font=("time", 10,"bold"),bg="lightblue")
```

```
lbl2=Label(root,text="CGST 9%",font=("time", 10,"bold"),bg="lightblue")
```

```
lbl3=Label(root,text="SGST 9%",font=("time", 10,"bold"),bg="lightblue")
```

```
lbl4=Label(root,text="TOTAL AMOUNT",font=("time", 10,"bold"),bg="lightblue")
```

```
clicked=StringVar()
```

```
clicked.set("FOOD")
```

```
drop=OptionMenu(root,clicked,"PIZZA 350","VEG BURGER 80","CHICKEN BURGER 120","SHAWARMA 90","CHICKEN BIRIYANI 130","BEEF BIRIYANI 150","MUTTON BIRYANI 140","FRIED RICE 120","BROASTED CHICKEN 90","MEALS 80","DOSA 60","CHAPPATHI 15","VEG-FRIED RICE 100","NOODLES 200","PORROTA 18","AL FAHAM 360")
```



```
drop.place(x=500,y=180)
```

```
lb3.place(x=110,y=160)
```

```
lb4.place(x=220,y=160)
```

```
lb5.place(x=300,y=160)
```

```
lb6.place(x=363,y=160)
```

```
e1=Entry(root,bd=6,width=15,bg="lavender")
```

```
e2=Entry(root,bd=6,width=10,bg="lavender")
```

```
e3=Entry(root,bd=6,width=10,bg="lavender")
```

```
e4=Entry(root,bd=6,width=10,bg="lavender")
```

```
e5=Entry(root,bd=6,width=10,bg="lavender")
```

```
e6=Entry(root,bd=6,width=15,bg="lavender")
```

```
e7=Entry(root,bd=6,width=10,bg="lavender")
```

```
e8=Entry(root,bd=6,width=10,bg="lavender")
```

```
e9=Entry(root,bd=6,width=15,bg="lavender")
```

```
et=Entry(root,bd=6,width=10,bg="lavender")
```

```
et1=Entry(root,bd=6,width=10,bg="lavender")
```

```
et2=Entry(root,bd=6,width=10,bg="lavender")
```

```
et3=Entry(root,bd=6,width=15,bg="lavender")
```

```
et4=Entry(root,bd=6,width=15,bg="lavender")
```

```
et5=Entry(root,bd=6,width=15,bg="lavender")
```

```
e1.place(x=100,y=180)
```

```
e2.place(x=205,y=180)
```

```
e3.place(x=280,y=180)
```

```
e4.place(x=355,y=180)
```

```
e5.place(x=355,y=209)
```

```
e6.place(x=100,y=209)
```

```
e7.place(x=205,y=209)
```

```
e8.place(x=280,y=209)
```

```
e9.place(x=100,y=238)
```

```

et.place(x=205,y=238)
et1.place(x=280,y=238)
et2.place(x=355,y=238)
er=Entry(root,width=10,bd=4,bg="lavender")
er.place(x=200,y=111)

```

```

lb7.place(x=100,y=85)
lb8.place(x=100,y=110)

```

#BILL CALCULATION AND UPDATING BILL AMOUNT IN THE TABLE

```

def sumt():
    v=er.get()
    f=int(e4.get())
    g=int(e5.get())
    h=int(et2.get())
    tot=f+g+h
    tst=22.0+tot

    lbs=Label(root,text=tot,font=("arial",10,"bold"))
    lbs.place(x=380,y=280)

    lb1=Label(root,text="SUB TOTAL
:",font=("arial",10,"bold"),)
    lb1.place(x=270,y=280)

    lb12=Label(root,text="CGST 9%
12.0",font=("arial", 10,"bold"),bg="lightblue")
    lb13=Label(root,text="SGST 9%
10.0",font=("arial", 10,"bold"),bg="lightblue")
    lb14=Label(root,text="TOTAL AMOUNT
:",font=("arial", 10,"bold"),bg="lightblue")
    lb5=Label(root,text=tst,font=("arial", 10,"bold"),)
    lb5.place(x=400,y=460)

    lb12.place(x=250,y=400)

```

```

lbl3.place(x=250,y=430)

lbl4.place(x=250,y=460)

import mysql.connector as con

mycon=con.connect(host='localhost',user="root",password="vishal1234"
,database="htms")

mycursor=mycon.cursor()

qry="UPDATE hts SET Rest={0} WHERE Roomno={1}".format(tst,v)

mycursor.execute(qry)

mycon.commit()

btt=Button(root,text="SUBMIT",command=sumt)

btt.place(x=490,y=240)

```

```

#=====menu=====

```

```

label1=Button(root,text="1.
BOOKING",pady=15,command=booking,padx=70,bd=6,bg="skyblue",font=("ar
ial",11,"bold"))

label2=Button(root,text="2.
CANCELLATION",pady=15,command=checkout,padx=47,bd=6,bg="skyblue",fon
t=("arial",11,"bold"))

label3=Button(root,text="3. GUEST
INFO",pady=15,command=guest,padx=62,bd=6,bg="skyblue",font=("arial",
11,"bold"))

label4=Button(root,text="4. RESTAURANT
",command=rest,pady=15,padx=54,bd=6,bg="skyblue",font=("arial",11,"b
old"))

label5=Button(root,text="5.
WEBSITE",command=website,pady=15,padx=54,bd=6,bg="skyblue",font=("ar
ial",11,"bold"))

label6=Label(root,text="LEXUS HOTEL",width=25,font=("Comic sans
MS",24,"bold"),)

```

```
#=====button position=====
```

```
label1.place(x=70,y=290)
```

```
label2.place(x=370,y=290)
```

```
label3.place(x=70,y=380)
```

```
label4.place(x=368,y=380)
```

```
label5.place(x=240,y=460)
```

```
label6.place(x=100,y=240)
```

```
#IMAGE
```

```
from PIL import ImageTk,Image
```

```
img = Image.open("C:\\Users\\Home\\Videos\\sreyas and  
vishal\\hoteli.jpeg")
```

```
riz=img.resize((300,200),Image.ANTIALIAS)
```

```
np=ImageTk.PhotoImage(riz)
```

```
lab=Label(root,image=np)
```

```
lab.place(x=190,y=20)
```

```
root.mainloop()
```



LEXUS HOTEL

1. BOOKING

2. CANCELLATION

3. GUEST INFO

4. RESTAURANT

5. WEBSITE

BOOKING

ENTER NAME

DARSHAN

ENTER ADDRESS

KANNUR

ENTER PHONENO

984522158

ENTER IDP

58555855

ENTER NO: OF DAYS

3

ENTER CHECKIN DATE

08052020

SELECT YOUR ROOM

STANDARD NON AC

STANDARD - AC

DELUXE SINGLE BED

DELUXE DOUBLE BED

ROOM NUMBER :

173

CONFIRMATION

YOUR PAYMENT AMOUNT IS :RS4500



CANCELLATION PAGE

ENTER NAME

DARSHAN

CHECKOUT

CANCELLATION POLICY

YOUR BOOKING HAS BEEN CANCELED !



guests



SEARCH

GUESTS DETAILS

tk

SEARCH

ENTER NAME

SREYAS

SUBMIT

NAME	ADDRESS	PHONE	IDP	DATE	ROOMNO	DAYS	TOTAL BILL	RESTAURANT
SREYAS	MANAL	7012525546	6614552	8052020	5	131	7500	

GUEST DETAILS

NAME	ADDRESS	PHONE	IDP	DATE	DAYS	ROOMNO	TOTAL BILL	RESTAURANT
AMARDEEP	THOTADA	752069814	588411112	25112020	3	163	1500	402.0
SREYAS	MANAL	7012525546	6614552	8052020	5	131	7500	
RAYAN	THANA	988752412	5212325	11082020	4	157	14000	502.0
ATHENA	THOTADA	8015247668	566422223	2112020	5	162	22500	
SAMAR	THANA	870592681	6261661	5112020	5	105	7500	
ADHITYE	KANNUR	870563125	2555218	5122020	3	182	10500	
JEESHA	KANNUR	9447948006	256516	2112020	2	180	3000	
GVGHVG	KNR	8921966018	313135	20122003	2	166	5000	
BHB	GVHV	9447948006	62622	20112020	5	197	12500	
SAMAR	THANA	9745602224	656161	20122020	2	144	5000	

RESTAURANT BILL

BILLED BY : VISHAL

ROOM NO : 197

ITEM NAME	RATE	QTY	AMOUNT
SHAWARMA	60	1	60
MEALS	80	1	80
DOSA	60	1	60



SUBMIT

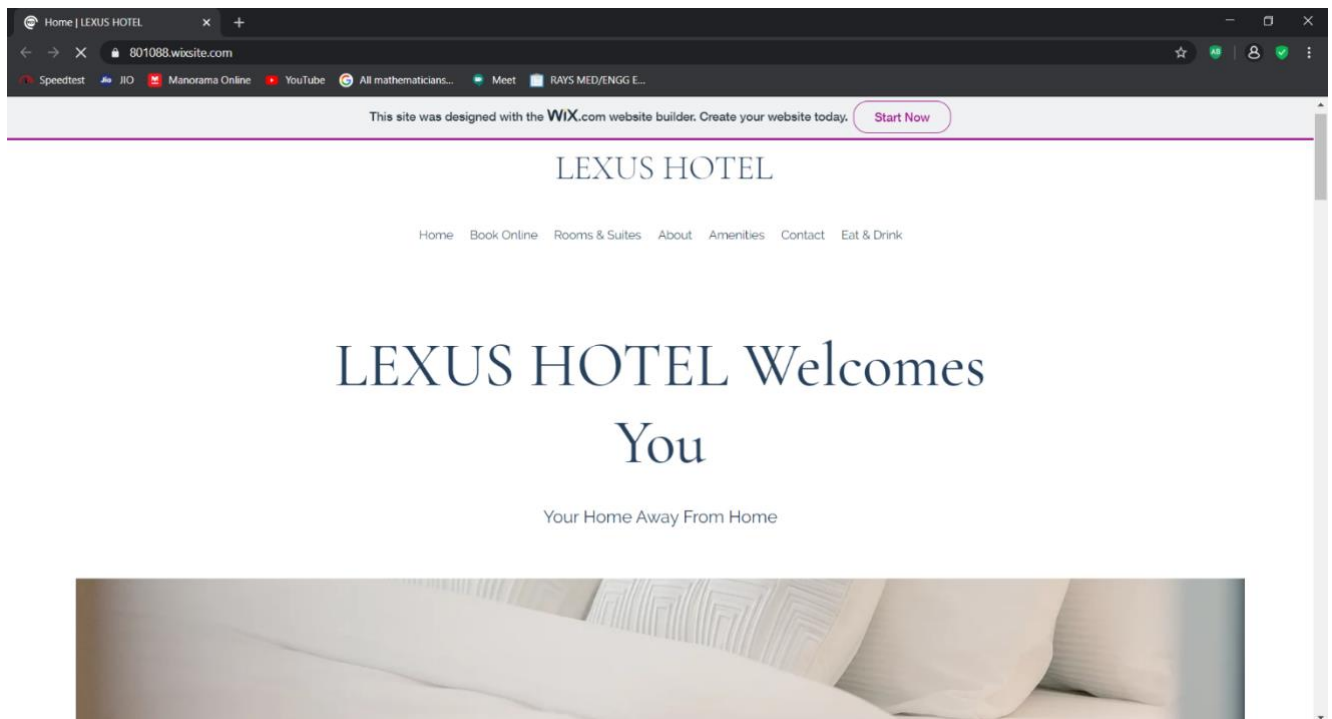
SUB TOTAL : 200

CGST 9% : 12.0

SGST 9% : 10.0

TOTAL AMOUNT : 222.0

WEBSITE



API MESSAGE

