import tkinter.messagebox

from tkinter import \*

import mysql.connector as sqlcon

import random as rd

a="mehshakar@"

con=sqlcon.connect(host="localhost",user="root",password="1234")#connection to mysql

cur=con.cursor()

cur = con.cursor(buffered=True)

cur.execute("create database if not exists hopital")

cur.execute("use hopital")

cur.execute("create table if not exists appointment"

"("

"idno varchar(12) primary key,"

"name char(50),"

"age char(3),"

"gender char(1),"

"phone varchar(10),"

"bg varchar(3))")

# Message for registration

def entry():

global e1,e2,e3,e4,e5,e6

p1=e1.get()

p2=e2.get()

p3=e3.get()

p4=e4.get()

p5=e5.get()

p6=e6.get()

cur.execute('insert into appointment values(%s,%s,%s,%s,%s,%s)',(p1,p2,p3,p4,p5,p6,))

con.commit()

tkinter.messagebox.showinfo("DONE", "YOU HAVE BEEN REGISTERED")

# For registration

def register():

global e1,e2,e3,e4,e5,e6

root1=Tk()

label=Label(root1,text="REGISTER YOURSELF",font='Impact 30')

label.pack()

frame=Frame(root1,height=500,width=400)

frame.pack()

l1=Label(root1,text="AADHAR CARD NO.")

l1.place(x=10,y=130)

e1=tkinter.Entry(root1)

e1.place(x=160,y=130)

l2=Label(root1,text="NAME")

l2.place(x=10,y=170)

e2=tkinter.Entry(root1)

e2.place(x=160,y=170)

l3=Label(root1,text="AGE")

l3.place(x=10,y=210)

e3=tkinter.Entry(root1)

e3.place(x=160,y=210)

l4=Label(root1,text="GENDER M\F")

l4.place(x=10,y=250)

e4=tkinter.Entry(root1)

e4.place(x=160,y=250)

l5=Label(root1,text="PHONE")

l5.place(x=10,y=290)

e5=tkinter.Entry(root1)

e5.place(x=160,y=290)

l6=Label(root1,text="BLOOD GROUP")

l6.place(x=5,y=330)

e6=tkinter.Entry(root1)

e6.place(x=160,y=330)

b1=Button(root1,text="SUBMIT",command=entry)

b1.place(x=160,y=370)

root.resizable(False,False)

root1.mainloop()

# Message for appointment

def apo\_details():

global x1,x2,h,p1,p2,p3,o,x4,x3

p1=x2.get()

p2=x3.get()

p3=x4.get()

if int(p1)==1:

i=("Dr. sharma \nRoom no:- 10")

j=("Dr. Verma \nRoom no:- 11")

q=(i,j)

h=rd.choice(q)

u=(23,34,12,67,53,72)

o=rd.choice(u)

det=("Your appointment is fixed with",h,

"\nDate:-",p2,

"\nTime:-",p3,

'\nappointment no:-',o)

tkinter.messagebox.showinfo("APPOINTMENT DETAILS",det)

elif int(p1)==2:

i=("Dr. Sidharth \nRoom no. 16")

j=("Dr. Tendulkar \nRoom no. 17")

q=(i,j)

h=rd.choice(q)

u=(23,34,12,67,53,72)

o=rd.choice(u)

det=("Your appointment is fixed with",h,

"\nDate:-",p2,

"\nTime:-",p3,

'\nappointment no:-',o)

tkinter.messagebox.showinfo("APPOINTMENT DETAILS",det)

elif int(p1)==3:

i=("Dr. Kumar \nRoom no. 12")

j=("Dr. Khan \nRoom no. 13")

q=(i,j)

h=rd.choice(q)

u=(23,34,12,67,53,72)

o=rd.choice(u)

det=("Your appointment is fixed with",h,

"\nDate:-",p2,

"\nTime:-",p3,

'\nappointment no:-',o)

tkinter.messagebox.showinfo("APPOINTMENT DETAILS",det)

elif int(p1)==4:

i=("Dr. Virat, \nRoom no. 18")

j=("Dr. Leo \nRoom no. 19")

q=(i,j)

h=rd.choice(q)

u=(23,34,12,67,53,72)

o=rd.choice(u)

det=("Your appointment is fixed with",h,

"\nDate:-",p2,

"\nTime:-",p3,

'\nappointment no:-',o)

tkinter.messagebox.showinfo("APPOINTMENT DETAILS",det)

elif int(p1)==5:

i=("Dr. Kohli \nRoom no. 14")

j=("Dr. singh \nRoom no. 15")

q=(i,j)

h=rd.choice(q)

u=(23,34,12,67,53,72)

o=rd.choice(u)

det=("Your appointment is fixed with",h,

"\nDate:-",p2,

"\nTime:-",p3,

'\nappointment no:-',o)

tkinter.messagebox.showinfo("APPOINTMENT DETAILS",det)

elif int(p1)==6:

i=("Dr. Irfan \nRoom no. 001")

j=("Dr. John \nRoom no. 002")

k=("Dr. Sanjay \nRoom no. 003")

l=("Dr. Shahid \nRoom no. 004")

q=(i,j,k,l)

h=rd.choice(q)

u=(23,34,12,67,53,72)

o=rd.choice(u)

det=("Your appointment is fixed with",h,

"\nDate:-",p2,

"\nTime:-",p3,

'\nappointment no:-',o)

tkinter.messagebox.showinfo("APPOINTMENT DETAILS",det)

else:

tkinter.messagebox.showwarning('WRONG INPUT','PLEASE ENTER VALID VALUE')

# For appointment

def get\_apoint():

global x1,x2,x3,x4

p1=x1.get()

cur.execute('select \* from appointment where idno=(%s)',(p1,))

dat=cur.fetchall()

a=[]

for i in dat:

a.append(i)

if len(a)==0:

tkinter.messagebox.showwarning("ERROR", "NO DATA FOUND!!")

else:

root3=Tk()

label=Label(root3,text="APPOINTMENT",font='arial 25 bold')

label.pack()

frame=Frame(root3,height=500,width=500)

frame.pack()

if i[3]=='M' or i[3]=='m':

x="Mr."

name2=Label(root3,text=i[1])

name2.place(x=140,y=80)

else:

x="Mrs\Ms."

name2=Label(root3,text=i[1])

name2.place(x=170,y=80)

for i in dat:

name=Label(root3,text='WELCOME')

name.place(x=50,y=80)

name1=Label(root3,text=x)

name1.place(x=120,y=80)

age=Label(root3,text='AGE:-')

age.place(x=50,y=100)

age1=Label(root3,text=i[2])

age1.place(x=100,y=100)

phone=Label(root3,text='PHONE:-')

phone.place(x=50,y=120)

phone1=Label(root3,text=i[4])

phone1.place(x=100,y=120)

bg=Label(root3,text='BLOOD GROUP:-')

bg.place(x=50,y=140)

bg1=Label(root3,text=i[5])

bg1.place(x=150,y=140)

L=Label(root3,text='DEPARTMENTS')

L.place(x=50,y=220)

L1=Label(root3,text="1.Orthopaedic surgeon ")

L1.place(x=50,y=250)

L2=Label(root3,text='2.Physician')

L2.place(x=50,y=270)

L3=Label(root3,text='3.Nephrologist')

L3.place(x=50,y=290)

L4=Label(root3,text='4.Neurologist')

L4.place(x=50,y=310)

L5=Label(root3,text='5.Gynaecologist')

L5.place(x=50,y=330)

L6=Label(root3,text='6.X-ray')

L6.place(x=50,y=350)

L7=Label(root3,text='Enter your choice')

L7.place(x=100,y=370)

x2=tkinter.Entry(root3)

x2.place(x=200,y=370)

L7=Label(root3,text=('enter date')).place(x=100,y=400)

x3=tkinter.Entry(root3)

x3.place(x=200,y=400)

L8=Label(root3,text=('enter time in 24 hour format')).place(x=48,y=430)

x4=tkinter.Entry(root3)

x4.place(x=200,y=430)

B1=Button(root3,text='Submit',command=apo\_details)

B1.place(x=120,y=480)

root3.resizable(False,False)

root3.mainloop()

# For AADHAAR no input

def apoint():

global x1

root2=Tk()

label=Label(root2,text="APPOINTMENT",font='arial 25 bold')

label.pack()

frame=Frame(root2,height=200,width=200)

frame.pack()

l1=Label(root2,text="AADHAAR NO.")

l1.place(x=10,y=130)

x1=tkinter.Entry(root2)

x1.place(x=100,y=130)

b1=Button(root2,text='Submit',command=get\_apoint)

b1.place(x=100,y=160)

root2.resizable(False,False)

root2.mainloop()

# List of doctors

def lst\_doc():

root4=Tk()

l=["Dr. sharma","Dr. Verma","Dr. Kumar","Dr. Khan","Dr. Kohli","Dr. singh","Dr. Sidharth","Dr. tendulkar","Dr. Virat","Dr. Leo",'Dr. Irfan','Dr. John',

'Dr. Sanjay','Dr. Shahid']

m=["Orthopaedic surgeon","Orthopaedic surgeon","Nephrologist","Nephrologist","Gynaecologist","Gynaecologist","Physician","Physician","Neurologist",

"Neurologist",'X-ray','X-ray','X-ray','X-ray']

n=[10,11,12,13,14,15,16,17,18,19,20,21,22,23]

frame=Frame(root4,height=500,width=500)

frame.pack()

l1=Label(root4,text='NAME OF DOCTORS')

l1.place(x=20,y=10)

count=20

for i in l:

count=count+20

l=Label(root4,text=i)

l.place(x=20,y=count)

l2=Label(root4,text='DEPARTMENT')

l2.place(x=140,y=10)

count1=20

for i in m:

count1=count1+20

l3=Label(root4,text=i)

l3.place(x=140,y=count1)

l4=Label(root4,text='ROOM NO')

l4.place(x=260,y=10)

count2=20

for i in n:

count2=count2+20

l5=Label(root4,text=i)

l5.place(x=260,y=count2)

root.resizable(False,False)

root4.mainloop()

def ser\_avail():

root5=Tk()

frame=Frame(root5,height=500,width=500)

frame.pack()

l1=Label(root5,text='SERVICES AVAILABLE')

l1.place(x=20,y=10)

f=["ULTRASOUND","X-RAY","CT Scan","MRI","BLOOD REPORT","DIALYSIS","ECG","CHEMIST","LAB"]

count1=20

for i in f:

count1=count1+20

l3=Label(root5,text=i)

l3.place(x=20,y=count1)

l2=Label(root5,text='ROOM NO.')

l2.place(x=140,y=10)

g=[1,2,3,4,5,6,7,8,9]

count2=20

for i in g:

count2=count2+20

l4=Label(root5,text=i)

l4.place(x=140,y=count2)

l5=Label(root5,text='To avail any of these please contact on our no.:- 180021217314')

l5.place(x=20,y=240)

root5.resizable(False,False)

root5.mainloop()

def modify():

global x3,x4,choice,new,x5,root6

p1=x3.get()

cur.execute('select \* from appointment where idno=(%s)',(p1,))

dat=cur.fetchall()

a=[]

for i in dat:

a.append(i)

if len(a)==0:

tkinter.messagebox.showwarning("ERROR", "NO DATA FOUND!!")

else:

root6=Tk()

frame=Frame(root6,height=500,width=500)

frame.pack()

l1=Label(root6,text='DATA MODIFICATION',font="arial 20 bold")

l1.place(x=100,y=10)

l2=Label(root6,text='WHAT YOU WANT TO CHANGE')

l2.place(x=50,y=200)

l3=Label(root6,text='1.NAME')

l3.place(x=50,y=220)

l4=Label(root6,text='2.AGE')

l4.place(x=50,y=240)

l5=Label(root6,text='3.GENDER')

l5.place(x=50,y=260)

l6=Label(root6,text='4.PHONE')

l6.place(x=50,y=280)

l7=Label(root6,text='5.BLOOD GROUP')

l7.place(x=50,y=300)

x2=Label(root6,text='Enter')

x2.place(x=50,y=330)

x4=tkinter.Entry(root6)

choice=x4.get()

x4.place(x=100,y=330)

for i in dat:

name=Label(root6,text='NAME:-')

name.place(x=50,y=80)

name1=Label(root6,text=i[1])

name1.place(x=150,y=80)

age=Label(root6,text='AGE:-')

age.place(x=50,y=100)

age1=Label(root6,text=i[2])

age1.place(x=150,y=100)

gen=Label(root6,text='GENDER:-')

gen.place(x=50,y=120)

gen1=Label(root6,text=i[3])

gen1.place(x=150,y=120)

pho=Label(root6,text='PHONE:-')

pho.place(x=50,y=140)

pho1=Label(root6,text=i[4])

pho1.place(x=150,y=140)

bg=Label(root6,text='BLOOD GROUP:-')

bg.place(x=50,y=160)

bg1=Label(root6,text=i[5])

bg1.place(x=150,y=160)

b=Button(root6,text='Submit',command=do\_modify)

b.place(x=50,y=400)

L1=Label(root6,text='OLD DETAILS')

L1.place(x=50,y=50)

L2=Label(root6,text='ENTER NEW DETAIL')

L2.place(x=50,y=360)

x5=tkinter.Entry(root6)

new=x5.get()

x5.place(x=160,y=360)

root6.resizable(False,False)

root6.mainloop()

def do\_modify():

global x3,x4,x5

ad=x3.get()

choice=x4.get()

new=x5.get()

if choice=='1':

cur.execute('update appointment set name={} where idno={}'.format(new,ad))

elif choice=='2':

cur.execute('update appointment set age={} where idno={}'.format(new,ad))

elif choice=='3':

cur.execute('update appointment set gender={} where idno={}'.format(new,ad))

elif choice=='4':

cur.execute('update appointment set phone={} where idno={}'.format(new,ad))

elif choice=='5':

cur.execute('update appointment set bg={} where idno={}'.format(new,ad))

else:

pass

root6.destroy()

tkinter.messagebox.showinfo("DONE", "YOUR DATA HAS BEEN MODIFIED")

choice=None

new=None

ad=None

def mod\_sub():

global x3,ad

root7=Tk()

label=Label(root7,text="MODIFICATION",font='arial 25 bold')

label.pack()

frame=Frame(root7,height=200,width=200)

frame.pack()

l1=Label(root7,text="AADHAAR NO.")

l1.place(x=10,y=130)

x3=tkinter.Entry(root7)

x3.place(x=120,y=130)

ad=x3.get()

b1=Button(root7,text='Submit',command=modify)

b1.place(x=120,y=160)

root7.resizable(False,False)

root7.mainloop()

root=Tk()

root.geometry("1000x300")

# Add image file

bg = PhotoImage(file = "D:\zullululu.png")

# Show image using label

label1 = Label( root, image = bg)

label1.place(x = 0, y = 0)

# Create Frame

frame1 = Frame(root)

frame1.pack(pady = 20 )

label=Label(root,text="ST JOSEPH'S HOSPITAL",fg= "BLACK",bg="light pink", font="impact 75")

b1=Button(text="Registration",font="Bahnschrift 25 bold",bg='light pink',command=register)

b2=Button(text="Appointment",font="Bahnschrift 25 bold",bg='light pink',command=apoint)

b3=Button(text="List of Doctors",font="Bahnschrift 25 bold",bg='white',command=lst\_doc)

b4=Button(text="Services available",font='Bahnschrift 25 bold',bg='light pink',command=ser\_avail)

b5=Button(text="Modify existing data",font='Bahnschrift 25 bold',bg='light pink',command=mod\_sub)

b6=Button(text="Exit",font='Bahnschrift 25 bold',fg="white",command=root.destroy,bg='red')

label.pack()

b1.place(x=850, y=350)

b3.place(x=830, y=530)

b4.place(x=1200, y=530)

b2.place(x=850, y=700)

b5.place(x=350, y=530)

b6.place(x=1800, y=975)

frame=Frame(root,height=0,width=0)

frame.pack()

root.attributes ('-fullscreen',True)

root.mainloop()