import random

import tkinter

from tkinter import \*

from tkinter import messagebox

import mysql.connector

def failedstud():

w100=tkinter.Toplevel(root)

w100.title("SE-5")

w100.geometry("600x400")

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute(" select subject.subjectno,subject.subjectname,marks.seatno, marks.subjectno, marks.subjectmarks,tstudent.studentname from subject,marks,tstudent where marks.subjectno=subject.subjectno and tstudent.seatno=marks.seatno having(subjectmarks)<32 order by marks.seatno;");

rs=stmt.fetchall()

ll=tkinter.Listbox(w100)

i=0

str2=tkinter.StringVar()

str2=""

for fp in rs:

i=i+1

str2+= str(fp[2])+" | "+ fp[5]+" | "+str(fp[1])

ll.insert(tkinter.END,str2+ " | MARKS= "+str(fp[4]))

str2=""

ll.pack(fill=tkinter.BOTH, expand=tkinter.YES)

def closebfs1():

w100.withdraw()

bfs1=tkinter.Button(w100,text ="Go Back",command=closebfs11)

bfs1.pack()

def sresult():

global s0

global s1

global s2

global s3

global s4

global s5

global s6

def showresult():

global s0

global s1

global s2

global s3

global s4

global s5

global s6

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select \* from marks where seatno='"+esr1.get()+"'")

rs=stmt.fetchall()

i=0

s0=esr1.get()

s1=""

s2=""

s3=""

s4=""

s5=""

s6=""

#if len(rs)==0

for x in rs:

i=i+1

s0=x[0]

if i==1: s1=str(x[2])

elif i==2: s2=str(x[2])

elif i==3: s3=str(x[2])

elif i==4: s4=str(x[2])

elif i==5: s5=str(x[2])

elif i==6: s6=str(x[2])

w9.withdraw()

sresult()

v1=tkinter.StringVar()

v2=tkinter.StringVar()

v3=tkinter.StringVar()

v4=tkinter.StringVar()

v5=tkinter.StringVar()

v6=tkinter.StringVar()

v7=tkinter.StringVar()

v8=tkinter.StringVar()

v1.set(s0)

v2.set(s1)

v3.set(s2)

v4.set(s3)

v5.set(s4)

v6.set(s5)

v7.set(s6)

if len(s0)==0 or len(s1)==0 or len(s2)==0 or len(s2)==0 or len(s3)==0 or len(s4)==0 or len(s5)==0 or len(s6)==0 :

v8.set("")

else:

total=(int(s1)+int(s2)+int(s3)+int(s4)+int(s5)+int(s6))/6.0

v8.set(str(total))

w9=tkinter.Toplevel(root)

w9.title("SEM-IV")

w9.geometry("425x500")

""" C = Canvas(w9, bg="thistle3", height=1000, width=800)

C.pack()"""

pic3 = PhotoImage(file="C:\\Users\\Nilesh\\Downloads\\225.png")

w = Label(w9, image=pic3,anchor=NW)

w.photo = pic3

w.place(x=100,y=300)

w.pack()

lsr1=tkinter.Label(w9,text="ENTER SEAT NO.")

lsr1.place(x=50,y=25)

esr1=tkinter.Entry(w9, textvariable=v1)

esr1.place(x=160,y=25)

bsr2=tkinter.Button(w9,text ="SHOW",command=showresult)

bsr2.place(x=130,y=72)

lsr2=tkinter.Label(w9,text="AM-IV")

lsr2.place(x=50,y=125)

esr2=tkinter.Entry(w9 ,textvariable=v2)

esr2.place(x=150,y=125)

lsr3=tkinter.Label(w9,text="COA")

lsr3.place(x=50,y=175)

esr3=tkinter.Entry(w9 , textvariable=v3)

esr3.place(x=150,y=175)

lsr4=tkinter.Label(w9,text="PYTHON LAB")

esr4=tkinter.Entry(w9,textvariable=v4)

lsr4.place(x=50,y=225)

esr4.place(x=150,y=225)

lsr5=tkinter.Label(w9,text="OS")

lsr5.place(x=50,y=275)

esr5=tkinter.Entry(w9,textvariable=v5)

esr5.place(x=150,y=275)

lsr6=tkinter.Label(w9,text="AT")

lsr6.place(x=50,y=325)

esr6=tkinter.Entry(w9,textvariable=v6)

esr6.place(x=150,y=325)

lsr7=tkinter.Label(w9,text="CN")

lsr7.place(x=50,y=375)

esr7=tkinter.Entry(w9,textvariable=v7)

esr7.place(x=150,y=375)

lsr8=tkinter.Label(w9,text="PERCENTAGE")

lsr8.place(x=175,y=425)

esr8=tkinter.Entry(w9,textvariable=v8)

esr8.place(x=150,y=450)

def gobackshowresult():

w9.withdraw()

bsr1=tkinter.Button(w9,text ="Go Back",command=gobackshowresult)

bsr1.place(x=360,y=460)

def classresult():

w8=tkinter.Toplevel(root)

w8.title("SE-5 : SEM IV")

w8.geometry("600x400")

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("Select \* from marks order by seatno");

rs=stmt.fetchall()

l=tkinter.Listbox(w8)

i=0

str1=tkinter.StringVar()

str1=""

for x in rs:

i=i+1

if i%6==1:

str1+=x[0]+ " | Maths=" +str(x[2])

if i%6==2:

str1+= " | COA=" +str(x[2])

if i%6==3:

str1+=" | Python Lab=" +str(x[2])

if i%6==4:

str1+= " | OS=" +str(x[2])

if i%6==5:

str1+= " | AT=" +str(x[2])

if i%6==0:

l.insert(tkinter.END,str1+ " | CN=" +str(x[2]))

str1=""

l.pack(fill=tkinter.BOTH, expand=tkinter.YES)

def closebcr1():

w8.withdraw()

bcr1=tkinter.Button(w8,text ="Go Back",command=closebcr1)

bcr1.pack()

def deletemarks():

def msgboxdm():

global username

w7.withdraw()

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select \* from tstaff where staffid='"+username+"' and staffpassword='"+e9.get()+"'")

rs=stmt.fetchall()

if len(rs)==0:

messagebox.showinfo(title="INVALID",message="Password does not match")

else :

stmt.execute("delete from marks where seatno='"+e8.get()+"'")

db.commit()

messagebox.showinfo(title="DELETED",message="Marks are deleted!")

w7=tkinter.Toplevel(root)

w7.title("SE-5")

w7.geometry("600x200")

pic3 = PhotoImage(file="C:\\Users\\Nilesh\\Downloads\\black-metal-grill-texture-x-textured-473647.png")

w = Label(w7, image=pic3,anchor=CENTER)

w.photo = pic3

w.place(x=300,y=100)

w.pack()

l8=tkinter.Label(w7,text="Enter Seat No.")

l8.place(x=235,y=50)

e8=tkinter.Entry(w7)

e8.place(x=365,y=50)

l9=tkinter.Label(w7,text="Password for verification")

l9.place(x=225,y=100)

e9=tkinter.Entry(w7)

e9.place(x=365,y=100)

bdm1=tkinter.Button(w7,text ="Delete Marks",command=msgboxdm)

bdm1.place(x=255,y=150)

def uploadmarks():

def msgboxum():

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("delete from marks where seatno='"+e1.get()+"'")

stmt.execute("insert into marks values('"+e1.get()+"',1,"+e2.get()+")")

stmt.execute("insert into marks values('"+e1.get()+"',2,"+e3.get()+")")

stmt.execute("insert into marks values('"+e1.get()+"',3,"+e4.get()+")")

stmt.execute("insert into marks values('"+e1.get()+"',4,"+e5.get()+")")

stmt.execute("insert into marks values('"+e1.get()+"',5,"+e6.get()+")")

stmt.execute("insert into marks values('"+e1.get()+"',6,"+e7.get()+")")

db.commit()

messagebox.showinfo(title="ENTERED",message="Marks are successfully entered!")

w6.withdraw()

w6=tkinter.Toplevel(root)

w6.title("SE-5")

w6.geometry("500x350")

#c1=Canvas(w6, bg="purple2", height=1000, width=800)

#c1.pack()

"""pic3 = PhotoImage(file="C:\\Users\\Nilesh\\Downloads\\225.png")

w = Label(w6, image=pic3,anchor=NW)

w.photo = pic3

w.place(x=100,y=300)

w.pack()"""

l1=tkinter.Label(w6,text="ENTER SEAT NO.")

l1.pack()

e1=tkinter.Entry(w6)

e1.pack()

l2=tkinter.Label(w6,text="AM-IV")

l2.pack()

e2=tkinter.Entry(w6)

e2.pack()

l3=tkinter.Label(w6,text="COA")

l3.pack()

e3=tkinter.Entry(w6)

e3.pack()

l4=tkinter.Label(w6,text="PYTHON LAB")

e4=tkinter.Entry(w6)

l4.pack()

e4.pack()

l5=tkinter.Label(w6,text="OS")

l5.pack()

e5=tkinter.Entry(w6)

e5.pack()

l6=tkinter.Label(w6,text="AT")

l6.pack()

e6=tkinter.Entry(w6)

e6.pack()

l7=tkinter.Label(w6,text="CN")

l7.pack()

e7=tkinter.Entry(w6)

e7.pack()

bum1=tkinter.Button(w6,text ="Enter Marks",command=msgboxum)

bum1.pack()

def closebum2():

w6.withdraw()

bum2=tkinter.Button(w6,text ="Go Back",command=closebum2)

bum2.pack()

def top10():

global p0

global p1

global p2

global p3

global p4

global p5

global p6

global p7

global p8

global p9

def top102():

global p0

global p1

global p2

global p3

global p4

global p5

global p6

global p7

global p8

global p9

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select studentname,marks.seatno from tstudent,marks where tstudent.seatno=marks.seatno group by seatno having max(subjectmarks) order by sum(subjectmarks) desc;")

rs=stmt.fetchall()

p0=""

p1=""

p2=""

p3=""

p4=""

p5=""

p6=""

p7=""

p8=""

p9=""

ii=0

for xxx in rs:

ii=ii+1

if ii==1: p0=("1.",xxx[0])

elif ii==2: p1=("2.",xxx[0])

elif ii==3: p2=("3",xxx[0])

elif ii==4: p3=("4.",xxx[0])

elif ii==5: p4=("5.",xxx[0])

elif ii==6: p5=("6.",xxx[0])

elif ii==7: p6=("7.",xxx[0])

elif ii==8: p7=("8.",xxx[0])

elif ii==9: p8=("9.",xxx[0])

elif ii==10:p9=("10.",xxx[0])

w10.withdraw()

top10()

w10=tkinter.Toplevel()

w10.title("SEM 4: TOP 10")

w10.geometry("600x400")

vv1=tkinter.StringVar()

vv2=tkinter.StringVar()

vv3=tkinter.StringVar()

vv4=tkinter.StringVar()

vv5=tkinter.StringVar()

vv6=tkinter.StringVar()

vv7=tkinter.StringVar()

vv8=tkinter.StringVar()

vv9=tkinter.StringVar()

vv10=tkinter.StringVar()

vv1.set(p0)

vv2.set(p1)

vv3.set(p2)

vv4.set(p3)

vv5.set(p4)

vv6.set(p5)

vv7.set(p6)

vv8.set(p7)

vv9.set(p8)

vv10.set(p9)

ett1=tkinter.Entry(w10, textvariable=vv1)

ett1.pack()

ett2=tkinter.Entry(w10, textvariable=vv2)

ett2.pack()

ett3=tkinter.Entry(w10, textvariable=vv3)

ett3.pack()

ett4=tkinter.Entry(w10, textvariable=vv4)

ett4.pack()

ett5=tkinter.Entry(w10, textvariable=vv5)

ett5.pack()

ett6=tkinter.Entry(w10, textvariable=vv6)

ett6.pack()

ett7=tkinter.Entry(w10, textvariable=vv7)

ett7.pack()

ett8=tkinter.Entry(w10, textvariable=vv8)

ett8.pack()

ett9=tkinter.Entry(w10, textvariable=vv9)

ett9.pack()

ett10=tkinter.Entry(w10, textvariable=vv10)

ett10.pack()

btp1=tkinter.Button(w10,text ="Show",command=top102)

btp1.pack()

def closetop():

w10.withdraw()

btp2=tkinter.Button(w10,text ="GO Back",command=closetop)

btp2.pack()

def statistics():

w11=tkinter.Toplevel()

w11.title("SEM 4: ANALYSIS")

w11.geometry("670x200")

pic100 = PhotoImage(file="C:\\Users\\Nilesh\\Downloads\\new-statistics.png")

w = Label(w11, image=pic100,anchor=NW)

w.photo = pic100

w.place(x=100,y=300)

w.pack()

bn3=tkinter.Button(w11,text ="Top 10 students",command=top10)

bn3.place(x=313,y=75)

bn4=tkinter.Button(w11,text ="Failed Students",command=failedstud)

bn4.place(x=313,y=125)

def closestat():

w11.withdraw()

bn2=tkinter.Button(w11,text ="Go Back",command=closestat)

bn2.place(x=323,y=168)

def stafflogin():

#root.withdraw()

def staff2():

global username

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select \* from tstaff where staffid='"+et1.get()+"' and staffpassword='"+et2.get()+"'")

rs=stmt.fetchall()

if len(rs)==0:

print("Invalid login")

messagebox.showinfo(title="INVALID",message="INVALID CREDENTIALS!")

else:

username=et1.get()

w2.withdraw()

w4=tkinter.Toplevel(root)

w4.title("SEM 4")

w4.geometry("400x400")

c=Canvas(w4, bg="light cyan", height=1000, width=800)

c.pack()

c.create\_text(125,22,fill="darkblue",font="Times 28 italic bold",text="Welcome,user!",justify=CENTER)

c.update

bt21=tkinter.Button(w4,text ="Upload Marks",command=uploadmarks) #left

bt21.place(x=165,y=100)

bt31=tkinter.Button(w4,text ="Delete Marks",command=deletemarks) #left

bt31.place(x=166,y=150)

bt24=tkinter.Button(w4,text ="Class Result",command=classresult)

bt24.place(x=167,y=200)

bn1=tkinter.Button(w4,text ="Statistics",command=statistics)

bn1.place(x=172,y=250)

def close25():

global username

username=""

w4.withdraw()

bt25=tkinter.Button(w4,text ="Sign out",command=close25)

bt25.place(x=171,y=300)

w4.mainloop()

w2=tkinter.Toplevel(root)

w2.title("Staff LOGIN")

w2.geometry("600x200")

C = Canvas(w2, bg="lightgoldenrod", height=1000, width=800)

C.pack()

lt2=tkinter.Label(w2,text="Teacher ID")

lt2.place(x=190,y=10)

et1=tkinter.Entry(w2)

et1.place(x=270,y=10)

lt3=tkinter.Label(w2,text="Password")

lt3.place(x=197,y=50)

et2=tkinter.Entry(w2)

et2.place(x=270,y=50)

bt2=tkinter.Button(w2,text ="LOGIN",command=staff2 )

bt2.place(x=310,y=70)

def closebt3():

w2.withdraw()

bt3=tkinter.Button(w2,text ="GO BACK",command=closebt3)

bt3.place(x=305,y=100)

w2.mainloop()

def studentlogin():

#root.withdraw()

def student2():

global username

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select \* from tstudent where rollno='"+es1.get()+"' and studentpassword='"+es2.get()+"'")

rs=stmt.fetchall()

if len(rs)==0:

print("Invalid login")

messagebox.showinfo(title="INVALID",message="INVALID CREDENTIALS!")

else:

username=es1.get()

w3.withdraw()

w5=tkinter.Toplevel(root)

w5.title("SEM IV")

w5.geometry("500x300")

C = Canvas(w5, bg="SteelBlue1", height=1000, width=800)

C.pack()

def gen\_seatno():

global username

while(True):

randseatno=random.randint(999,1051)

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select \* from tstudent where seatno='"+str(randseatno)+"'")

#print("select \* from tstudent where rollno='"+username+"' and seatno<>''")

rs=stmt.fetchall()

if len(rs)==0:

# update

stmt.execute("update tstudent set seatno='"+str(randseatno)+"' where rollno='"+username+"'")

db.commit()

messagebox.showinfo(title="GENERATED",message="Seat no. generated, please login again!")

w5.withdraw()

break

db=mysql.connector.connect(host="localhost",user="root",passwd="",database="em1")

stmt=db.cursor()

stmt.execute("select \* from tstudent where rollno='"+username+"' and seatno<>''")

print("select \* from tstudent where rollno='"+username+"' and seatno<>''")

rs=stmt.fetchall()

print(len(rs))

if len(rs)==0:

C.create\_text(105,19,fill="darkblue",font="Times 25 italic bold",text="Welcome,user!")

C.update

bs21=tkinter.Button(w5,text =" Generate Exam Seat No.",command=gen\_seatno)

bs21.place(x=100,y=50)

es21=tkinter.Entry(w5) #To-Display-SeatNO

es21.place(x=300,y=55)

else:

#bs21=tkinter.Button(w5,text ="Exam Seat No.",command="")

#bs21.pack()

C.create\_text(105,19,fill="darkblue",font="Times 25 italic bold",text="Welcome,user!")

C.update

v=tkinter.StringVar()

for xx in rs:

v.set(xx[1])

break

es21=tkinter.Entry(w5,textvariable=v,state='disabled') #To-Display-SeatNO

es21.place(x=375,y=50)

bs23=tkinter.Button(w5,text ="CR Allotment",command="") #left

bs23.place(x=209,y=100)

bs24=tkinter.Button(w5,text ="Exam Timetable",command="") #left

bs24.place(x=200,y=150)

bs25=tkinter.Button(w5,text ="Result",command=sresult)

bs25.place(x=227,y=200)

def closebs26():

w5.withdraw()

bs26=tkinter.Button(w5,text ="Sign out",command=closebs26)

bs26.place(x=400,y=255)

w3=tkinter.Toplevel(root)

w3.title("Student LOGIN")

w3.geometry("600x200")

"""pic2 = PhotoImage(file="C:\\Users\\Nilesh\\Desktop\\sem4\\EXAMINATION MANAGEMENT\\pics\\images.png")

w = Label(w3, image=pic2,anchor=NW)

w.photo = pic2

w.place(x=100,y=300)

w.pack()"""

C = Canvas(w3, bg="lightgoldenrod", height=1000, width=800)

pic2 = PhotoImage(file = "C:\\Users\\Nilesh\\Downloads\\aaa.png")

C.create\_image(0,0, image=pic2,anchor=NW)

C.pack()

ls2=tkinter.Label(w3,text=" Student ID:")

ls2.place(x=190,y=10)

es1=tkinter.Entry(w3)

es1.place(x=270,y=10)

ls3=tkinter.Label(w3,text="Password:")

ls3.place(x=197,y=50)

es2=tkinter.Entry(w3)

es2.place(x=270,y=50)

bs2=tkinter.Button(w3,text ="LOGIN",command=student2)

bs2.place(x=310,y=70)

def closebs2():

w3.withdraw()

bs3=tkinter.Button(w3,text ="GO BACK",command=closebs2)

bs3.place(x=305,y=100)

global s0

global s1

global s2

global s3

global s4

global s5

global s6

global username

username=""

s0=""

s1=""

s2=""

s3=""

s4=""

s5=""

s6=""

global p0

global p1

global p2

global p3

global p4

global p5

global p6

global p7

global p8

global p9

p0=""

p1=""

p2=""

p3=""

p4=""

p5=""

p6=""

p7=""

p8=""

p9=""

root=tkinter.Tk()

root.geometry("600x400")

root.title("SHAH & ANCHOR KUTCHHI ENGINEERING COLLEGE")

C = Canvas(root, bg="blue", height=1000, width=800)

pic1 = PhotoImage(file = "C:\\Users\\Nilesh\\Downloads\\aaa.png")

C.create\_image(0,0, image=pic1,anchor=NW)

C.pack()

"""photo = PhotoImage(file='aaa.png')

label = Label(root, image=photo)

label.pack()"""

mb=Menu(root)

about\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="About us",menu=about\_menu)

academic\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Academic",menu=academic\_menu)

admission\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Admission",menu=admission\_menu)

placement\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Placement",menu=placement\_menu)

gallery\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Gallery",menu=gallery\_menu)

researchcell\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Research Cell",menu=researchcell\_menu)

login\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Events",menu=about\_menu)

events\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label="Contact us",menu=about\_menu)

contact\_menu = Menu(mb, tearoff=0)

mb.add\_cascade(label=" login",menu=login\_menu)

login\_menu.add\_command(label="Teachers login",command=stafflogin)

login\_menu.add\_separator()

login\_menu.add\_command(label="Student Login",command=studentlogin)

root.config(menu=mb)

root.mainloop()