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# IMPORTS

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from tkinter import \*

from tkinter import ttk

import mysql.connector as sql

from functools import partial

from tkinter import messagebox

from PIL import ImageTk,Image

def validateLogin(username, password):

username= username.get()

password= password.get()

print(username,password)

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# LOGIN CODE

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def mysqlpythonsignup():

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from login"

cursor.execute(st)

data=list(cursor.fetchall())

uname=username.get()

passwd=password.get()

if (uname,passwd) in data:

messagebox.showinfo("showinfo", "Username already exists!")

else:

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into login values('{}','{}')".format(username.get(),password.get())

cursor.execute(st)

mycon.commit()

st="select \* from login"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

mycon.close()

messagebox.showinfo("showinfo", "User Created")

def mysqlpythonlogin():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from login"

cursor.execute(st)

data=list(cursor.fetchall())

uname=username.get()

passwd=password.get()

if (uname,passwd) in data:

tkWindow.destroy()

homepage()

elif uname=="admin" and passwd=="123":

tkWindow.destroy()

adminhomepage()

else:

messagebox.showerror("showerror", "Error! username and password does not exist!")

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# ADMIN CODE

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def adminhomepage():

global window

window=Tk()

#window

window.title('Medicare Admin')

#setting tkinter window size

window.geometry("600x300")

window.configure(bg='teal')

#heading label

headingLabel = Label(window, text="ADMIN", fg='white', bg='#3A3B3C',height='3',width='7',font=("Arial", 15)).place(x=270,y=5)

#buttons

btn1=Button(window, text="USERS",command=adminusers, fg='white', bg='#3A3B3C', height='2')

btn1.place(x=95, y=100)

btn2=Button(window, text="AVAILABILITY", command= adminavailability,fg='white', bg='#3A3B3C',height='2')

btn2.place(x=145, y=100)

btn3=Button(window, text="PACKAGES",command=adminpackages ,fg='white', bg='#3A3B3C',height='2')

btn3.place(x=233, y=100)

btn4=Button(window, text="APPOINMENTS",command= adminappointments, fg='white', bg='#3A3B3C',height='2')

btn4.place(x=307, y=100)

btn5=Button(window, text="DONATIONS",command= admindonations,fg='white', bg='#3A3B3C',height='2')

btn5.place(x=405, y=100)

window.mainloop()

def admindonations():

window.destroy()

admindonationcode()

def adminappointments():

window.destroy()

adminappointmentscode()

def adminavailability():

window.destroy()

adminavailabilitycode()

def adminpackages():

window.destroy()

adminpackagescode()

def adminusers():

window.destroy()

adminusersscode()

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def adminpackagescode():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from packages"

cursor.execute(st)

data=list(cursor.fetchall())

for row in data:

print(row)

# window

root= Tk()

root.title("Medicare Admin")

root.geometry("700x700")

tree=ttk.Treeview(root)

# Defining columns

tree['column']=("S.NO","Username","Name","Packages","Quantity")

# format our columns

tree.column("#0",width=0,stretch=NO)

tree.column("S.NO",anchor=W,width=0,stretch=NO)

tree.column("Username",anchor=W, width=120)

tree.column("Name", anchor=W,width=140)

tree.column("Packages",anchor=W,width=100)

tree.column("Quantity",anchor=W,width=100)

# create headings

tree.heading("S.NO",text="S.NO",anchor=W)

tree.heading("Username",text="Username", anchor=W)

tree.heading("Name",text="Name",anchor=CENTER)

tree.heading("Packages",text="Package No",anchor=W)

tree.heading("Quantity",text="Quantity",anchor=W)

# add data

global count

count=1

for record in data:

tree.insert(parent='',index='end',text="", values=(count,record[0],record[1],record[2],record[3]))

count= count+1

# pack to screen

tree.pack(pady=20)

addframe=Frame(root)

addframe.pack(pady=20)

n1=Label(addframe,text="Username")

n1.grid(row=0,column=0)

il=Label(addframe,text="Name")

il.grid(row=0,column=1)

tl=Label(addframe,text="Packages")

tl.grid(row=0,column=2)

tl=Label(addframe,text="Quantity")

tl.grid(row=0,column=3)

Usernamebox=Entry(addframe)

Usernamebox.grid(row=1,column=0)

Namebox=Entry(addframe)

Namebox.grid(row=1,column=1)

Packagesbox=Entry(addframe)

Packagesbox.grid(row=1,column=2)

Quantitybox=Entry(addframe)

Quantitybox.grid(row=1,column=3)

#add record

def addrecord():

global count

tree.insert(parent='',index='end',text="",iid=count, values=(count,Usernamebox.get(),Namebox.get(),Packagesbox.get(),Quantitybox.get()))

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into packages values('{}','{}','{}','{}')".format(Usernamebox.get(),Namebox.get(),Packagesbox.get(),Quantitybox.get())

cursor.execute(st)

mycon.commit()

st="select \* from packages"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "Booked Successful")

#clear the boxes

Usernamebox.delete(0,END)

Namebox.delete(0,END)

Packagesbox.delete(0,END)

Quantitybox.delete(0,END)

# update record

def updaterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="update packages set name='{}', packages='{}', quantity='{}' where username='{}'".format(Namebox.get(),Packagesbox.get(),Quantitybox.get(),Usernamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from packages"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#save new data

tree.item(selected,text="",values =(count-1,Usernamebox.get(),Namebox.get(),Packagesbox.get(),Quantitybox.get()))

#delete text in text boxes

Usernamebox.delete(0,END)

Namebox.delete(0,END)

Packagesbox.delete(0,END)

Quantitybox.delete(0,END)

# select record

def selectrecord():

#clear entery boxes

Usernamebox.delete(0,END)

Namebox.delete(0,END)

Packagesbox.delete(0,END)

Quantitybox.delete(0,END)

#grab record number

selected=tree.focus()

#grab record values

values = tree.item(selected,'values')

#temp.config(text=values[1])

#output to entery boxes

Usernamebox.insert(0,values[1])

Namebox.insert(0,values[2])

Packagesbox.insert(0,values[3])

Quantitybox.insert(0,values[4])

# delete record

def deleterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="delete from packages where username='{}'".format(Usernamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from packages"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#selection of record to delete

x=tree.selection()[0]

tree.delete(x)

#delete text in text boxes

Usernamebox.delete(0,END)

Namebox.delete(0,END)

Packagesbox.delete(0,END)

Quantitybox.delete(0,END)

# buttons

# add record

addrecord= Button(root, text="Add record",command=addrecord)

addrecord.pack(pady=10)

delrecord= Button(root, text="Delete record",command=deleterecord)

delrecord.pack(pady=10)

selectrecord= Button(root, text="Select record",command=selectrecord)

selectrecord.pack(pady=10)

updaterecord= Button(root, text="Update record",command=updaterecord)

updaterecord.pack(pady=10)

#close

def close():

root.destroy()

adminhomepage()

close= Button(root, text="close",command=close)

close.pack(pady=10)

temp=Label(root,text="")

temp.pack (pady=10)

root.mainloop()

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def adminusersscode():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from login"

cursor.execute(st)

data=list(cursor.fetchall())

for row in data:

print(row)

# window

root= Tk()

root.title("Medicare Admin")

root.geometry("700x700")

tree=ttk.Treeview(root)

# Defining columns

tree['column']=("S.NO","Username","Password")

# format our columns

tree.column("#0",width=0,stretch=NO)

tree.column("S.NO",anchor=W,width=0,stretch=NO)

tree.column("Username",anchor=W, width=120)

tree.column("Password", anchor=W,width=140)

# create headings

tree.heading("S.NO",text="S.NO",anchor=W)

tree.heading("Username",text="Username", anchor=W)

tree.heading("Password",text="Password",anchor=CENTER)

# add data

global count

count=1

for record in data:

tree.insert(parent='',index='end',text="", values=(count,record[0],record[1]))

count= count+1

# pack to screen

tree.pack(pady=20)

addframe=Frame(root)

addframe.pack(pady=20)

n1=Label(addframe,text="Username")

n1.grid(row=0,column=0)

il=Label(addframe,text="Password")

il.grid(row=0,column=1)

Usernamebox=Entry(addframe)

Usernamebox.grid(row=1,column=0)

Passwordbox=Entry(addframe)

Passwordbox.grid(row=1,column=1)

#add record

def addrecord():

global count

tree.insert(parent='',index='end',text="",iid=count, values=(count,Usernamebox.get(),Passwordbox.get()))

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into login values('{}','{}')".format(Usernamebox.get(),Passwordbox.get())

cursor.execute(st)

mycon.commit()

st="select \* from login"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "SignUp Successful")

#clear the boxes

Usernamebox.delete(0,END)

Passwordbox.delete(0,END)

# update record

def updaterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="update login set password='{}' where username='{}'".format(Passwordbox.get(),Usernamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from login"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#save new data

tree.item(selected,text="",values =(count-1,Usernamebox.get(),Passwordbox.get()))

#delete text in text boxes

Usernamebox.delete(0,END)

Passwordbox.delete(0,END)

# select record

def selectrecord():

#clear entery boxes

Usernamebox.delete(0,END)

Passwordbox.delete(0,END)

#grab record number

selected=tree.focus()

#grab record values

values = tree.item(selected,'values')

#temp.config(text=values[1])

#output to entery boxes

Usernamebox.insert(0,values[1])

Passwordbox.insert(0,values[2])

# delete record

def deleterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="delete from login where username='{}'".format(Usernamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from login"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#selection of record to delete

x=tree.selection()[0]

tree.delete(x)

#delete text in text boxes

Usernamebox.delete(0,END)

Passwordbox.delete(0,END)

# buttons

# add record

addrecord= Button(root, text="Add record",command=addrecord)

addrecord.pack(pady=10)

delrecord= Button(root, text="Delete record",command=deleterecord)

delrecord.pack(pady=10)

selectrecord= Button(root, text="Select record",command=selectrecord)

selectrecord.pack(pady=10)

updaterecord= Button(root, text="Update record",command=updaterecord)

updaterecord.pack(pady=10)

#close

def close():

root.destroy()

adminhomepage()

close= Button(root, text="close",command=close)

close.pack(pady=10)

temp=Label(root,text="")

temp.pack (pady=10)

root.mainloop()

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def admindonationcode():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from donations"

cursor.execute(st)

data=list(cursor.fetchall())

for row in data:

print(row)

# window

root= Tk()

root.title("Medicare Admin")

root.geometry("700x700")

tree=ttk.Treeview(root)

# Defining columns

tree['column']=("S.NO","Name","Address","Account No","Amount")

# format our columns

tree.column("#0",width=0,stretch=NO)

tree.column("S.NO",anchor=W,width=0,stretch=NO)

tree.column("Name",anchor=W, width=120)

tree.column("Address", anchor=CENTER,width=100)

tree.column("Account No",anchor=W,width=140)

tree.column("Amount",anchor=W,width=140)

# create headings

tree.heading("S.NO",text="S.NO",anchor=W)

tree.heading("Name",text="Name", anchor=W)

tree.heading("Address",text="Address",anchor=CENTER)

tree.heading("Account No",text="Account No",anchor=W)

tree.heading("Amount",text="Amount",anchor=W)

# add data

count=1

for record in data:

tree.insert(parent='',index='end',text="", values=(count,record[0],record[1],record[2],record[3]))

count= count+1

# pack to screen

tree.pack(pady=20)

addframe=Frame(root)

addframe.pack(pady=20)

n1=Label(addframe,text="Name")

n1.grid(row=0,column=0)

il=Label(addframe,text="Address")

il.grid(row=0,column=1)

tl=Label(addframe,text="Account No")

tl.grid(row=0,column=2)

tl=Label(addframe,text="Amount")

tl.grid(row=0,column=3)

namebox=Entry(addframe)

namebox.grid(row=1,column=0)

addressbox=Entry(addframe)

addressbox.grid(row=1,column=1)

accnobox=Entry(addframe)

accnobox.grid(row=1,column=2)

amountbox=Entry(addframe)

amountbox.grid(row=1,column=3)

#add record

def addrecord():

global count

tree.insert(parent='',index='end',text="",iid=count, values=(count,namebox.get(),addressbox.get(),accnobox.get(),amountbox.get()))

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into donations values('{}','{}','{}','{}')".format(namebox.get(),addressbox.get(),accnobox.get(),amountbox.get())

cursor.execute(st)

mycon.commit()

st="select \* from donations"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "Donation Successful")

#clear the boxes

namebox.delete(0,END)

addressbox.delete(0,END)

accnobox.delete(0,END)

amountbox.delete(0,END)

# buttons

# add record

addrecord= Button(root, text="Add record",command=addrecord)

addrecord.pack(pady=20)

#close

def close():

root.destroy()

adminhomepage()

close= Button(root, text="close",command=close)

close.pack(pady=10)

root.mainloop()

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def adminappointmentscode():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from appointments"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

# window

root= Tk()

root.title("Medicare Admin")

root.geometry("700x700")

tree=ttk.Treeview(root)

# Defining columns

tree['column']=("S.NO","UserName","Name","Age","Gender","Symptoms")

# format our columns

tree.column("#0",width=0,stretch=NO)

tree.column("S.NO",anchor=W,width=0,stretch=NO)

tree.column("UserName",anchor=W, width=120)

tree.column("Name", anchor=CENTER,width=100)

tree.column("Age",anchor=W,width=80)

tree.column("Gender",anchor=W,width=140)

tree.column("Symptoms",anchor=W,width=140)

# create headings

tree.heading("S.NO",text="S.NO",anchor=W)

tree.heading("UserName",text="UserName", anchor=W)

tree.heading("Name",text="Name",anchor=CENTER)

tree.heading("Age",text="Age",anchor=W)

tree.heading("Gender",text="Gender",anchor=W)

tree.heading("Symptoms",text="Symptoms",anchor=W)

# add data

global count

count=1

for record in data:

tree.insert(parent='',index='end',text="", values=(count,record[0],record[1],record[2],record[3],record[4]))

count= count+1

# pack to screen

tree.pack(pady=20)

addframe=Frame(root)

addframe.pack(pady=20)

n1=Label(addframe,text="UserName")

n1.grid(row=0,column=0)

il=Label(addframe,text="Name")

il.grid(row=0,column=1)

tl=Label(addframe,text="Age")

tl.grid(row=0,column=2)

ql=Label(addframe,text="Gender")

ql.grid(row=0,column=3)

wl=Label(addframe,text="Symptoms")

wl.grid(row=0,column=4)

UserNamebox=Entry(addframe)

UserNamebox.grid(row=1,column=0)

Namebox=Entry(addframe)

Namebox.grid(row=1,column=1)

Agebox=Entry(addframe)

Agebox.grid(row=1,column=2)

Genderbox=Entry(addframe)

Genderbox.grid(row=1,column=3)

Symptomsbox=Entry(addframe)

Symptomsbox.grid(row=1,column=4)

#add record

def addrecord():

global count

tree.insert(parent='',index='end',text="",iid=count, values=(count,UserNamebox.get(), Namebox.get(),Agebox.get(),Genderbox.get(),Symptomsbox.get()))

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into appointments values('{}','{}','{}','{}','{}')".format(UserNamebox.get(), Namebox.get(),Agebox.get(),Genderbox.get(),Symptomsbox.get())

cursor.execute(st)

mycon.commit()

st="select \* from appointments"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#clear the boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Agebox.delete(0,END)

Genderbox.delete(0,END)

Symptomsbox.delete(0,END)

# select record

def selectrecord():

#clear entery boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Agebox.delete(0,END)

Genderbox.delete(0,END)

Symptomsbox.delete(0,END)

#grab record number

selected=tree.focus()

#grab record values

values = tree.item(selected,'values')

#temp.config(text=values[1])

#output to entery boxes

UserNamebox.insert(0,values[1])

Namebox.insert(0,values[2])

Agebox.insert(0,values[3])

Genderbox.insert(0,values[4])

Symptomsbox.insert(0,values[5])

# update record

def updaterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="update appointments set name='{}', age='{}', gender='{}', problems='{}' where username='{}'".format(Namebox.get(),Agebox.get(),Genderbox.get(),Symptomsbox.get(),UserNamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from appointments"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#save new data

tree.item(selected,text="",values =(count-1,UserNamebox.get(), Namebox.get(),Agebox.get(),Genderbox.get(),Symptomsbox.get()))

#delete text in text boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Agebox.delete(0,END)

Genderbox.delete(0,END)

Symptomsbox.delete(0,END)

# delete record

def deleterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="delete from appointments where username='{}'".format(UserNamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from appointments"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#selection of record to delete

x=tree.selection()[0]

tree.delete(x)

#delete text in text boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Agebox.delete(0,END)

Genderbox.delete(0,END)

Symptomsbox.delete(0,END)

# buttons

# add record

addrecord= Button(root, text="Add record",command=addrecord)

addrecord.pack(pady=10)

delrecord= Button(root, text="Delete record",command=deleterecord)

delrecord.pack(pady=10)

selectrecord= Button(root, text="Select record",command=selectrecord)

selectrecord.pack(pady=10)

updaterecord= Button(root, text="Update record",command=updaterecord)

updaterecord.pack(pady=10)

#close

def close():

root.destroy()

adminhomepage()

close= Button(root, text="close",command=close)

close.pack(pady=10)

temp=Label(root,text="")

temp.pack (pady=10)

root.mainloop()

#----------------------------------------------------------------------------------------------------------------------------------------------------------

def adminavailabilitycode():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="select \* from availability"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

# window

root= Tk()

root.title("Medicare Admin")

root.geometry("700x700")

tree=ttk.Treeview(root)

# Defining columns

tree['column']=("S.NO","UserName","Name","Required\_beds")

# format our columns

tree.column("#0",width=0,stretch=NO)

tree.column("S.NO",anchor=W,width=0,stretch=NO)

tree.column("UserName",anchor=W, width=120)

tree.column("Name", anchor=CENTER,width=100)

tree.column("Required\_beds",anchor=W,width=140)

# create headings

tree.heading("S.NO",text="S.NO",anchor=W)

tree.heading("UserName",text="UserName", anchor=W)

tree.heading("Name",text="Name",anchor=CENTER)

tree.heading("Required\_beds",text="Required\_beds",anchor=W)

# add data

global count

count=1

for record in data:

tree.insert(parent='',index='end',text="", values=(count,record[0],record[1],record[2]))

count= count+1

# pack to screen

tree.pack(pady=20)

addframe=Frame(root)

addframe.pack(pady=20)

n1=Label(addframe,text="UserName")

n1.grid(row=0,column=0)

il=Label(addframe,text="Name")

il.grid(row=0,column=1)

tl=Label(addframe,text="Required\_beds")

tl.grid(row=0,column=2)

UserNamebox=Entry(addframe)

UserNamebox.grid(row=1,column=0)

Namebox=Entry(addframe)

Namebox.grid(row=1,column=1)

Required\_bedsbox=Entry(addframe)

Required\_bedsbox.grid(row=1,column=2)

#add record

def addrecord():

global count

tree.insert(parent='',index='end',text="",iid=count, values=(count,UserNamebox.get(),Namebox.get(),Required\_bedsbox.get()))

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into availability values('{}','{}','{}')".format(UserNamebox.get(), Namebox.get(),Required\_bedsbox.get())

cursor.execute(st)

mycon.commit()

st="select \* from availability"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#clear the boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Required\_bedsbox.delete(0,END)

# select record

def selectrecord():

#clear entery boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Required\_bedsbox.delete(0,END)

#grab record number

selected=tree.focus()

#grab record values

values = tree.item(selected,'values')

#temp.config(text=values[1])

#output to entery boxes

UserNamebox.insert(0,values[1])

Namebox.insert(0,values[2])

Required\_bedsbox.insert(0,values[3])

# update record

def updaterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="update availability set name='{}', beds='{}' where username='{}'".format(Namebox.get(),Required\_bedsbox.get(),UserNamebox.get())

print(Namebox.get(),Required\_bedsbox.get(),UserNamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from availability"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#save new data

tree.item(selected,text="",values=(count-1,UserNamebox.get(),Namebox.get(),Required\_bedsbox.get()))

#delete text in text boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Required\_bedsbox.delete(0,END)

# delete record

def deleterecord():

#grab record number

selected=tree.focus()

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="delete from availability where username='{}'".format(UserNamebox.get())

print(Namebox.get(),Required\_bedsbox.get(),UserNamebox.get())

cursor.execute(st)

mycon.commit()

st="select \* from availability"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

#selection of record to delete

x=tree.selection()[0]

tree.delete(x)

#delete text in text boxes

UserNamebox.delete(0,END)

Namebox.delete(0,END)

Required\_bedsbox.delete(0,END)

# buttons

# add record

addrecord= Button(root, text="Add record",command=addrecord)

addrecord.pack(pady=10)

delrecord= Button(root, text="Delete record",command=deleterecord)

delrecord.pack(pady=10)

selectrecord= Button(root, text="Select record",command=selectrecord)

selectrecord.pack(pady=10)

updaterecord= Button(root, text="Update record",command=updaterecord)

updaterecord.pack(pady=10)

#close

def close():

root.destroy()

adminhomepage()

close= Button(root, text="close",command=close)

close.pack(pady=10)

temp=Label(root,text="")

temp.pack (pady=10)

root.mainloop()

#----------------------------------------------------------------------------------------------------------------------------------------------------------

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#PATIENT (CUSTOMER) PAGE CODE

###########################################################################################################################################################

def homepage():

global window

window=Tk()

#window

window.title('Medicare')

#getting screen width and height of display

width= window.winfo\_screenwidth()

height= window.winfo\_screenheight()

#setting tkinter window size

window.geometry("%dx%d" % (width, height))

window.configure(bg='#008080')

#logo

global img1

img1= ImageTk.PhotoImage(Image.open('logo1.png'))

panel = Label(window, image = img1)

panel.place(x=5, y=5)

#number

img3= ImageTk.PhotoImage(Image.open('num1.png'))

panel = Label(window, image = img3)

panel.place(x=1000, y=5)

#background picture

img2 = ImageTk.PhotoImage(Image.open('backgroundpic1.png'))

panel = Label(window, image = img2)

panel.place(x=0, y=150)

#buttons

btn1=Button(window, text="HOME", fg='white', bg='#3A3B3C', height='2')

btn1.place(x=95, y=100)

btn2=Button(window, text="AVAILABILITY",command=availability, fg='white', bg='#3A3B3C',height='2')

btn2.place(x=145, y=100)

btn3=Button(window, text="PACKAGES",command=packages,fg='white', bg='#3A3B3C',height='2')

btn3.place(x=233, y=100)

btn4=Button(window, text="APPOINMENTS",command=appointments, fg='white', bg='#3A3B3C',height='2')

btn4.place(x=307, y=100)

btn5=Button(window, text="DONATIONS",command= donations,fg='white', bg='#3A3B3C',height='2')

btn5.place(x=405, y=100)

window.mainloop()

def donations():

window.destroy()

donationcode()

def appointments():

window.destroy()

appointmentscode()

def availability():

window.destroy()

availabilitycode()

def packages():

window.destroy()

packagescode()

###########################################################################################################################################################

def packagescode():

#add record

def packagesinput():

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into packages values('{}','{}','{}','{}')".format(username.get(),name.get(),entry.get(),quantity.get())

cursor.execute(st)

mycon.commit()

st="select \* from packages"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "Booking Successful")

tkWindow.destroy()

mycon.close()

homepage()

#window

tkWindow = Tk()

tkWindow.geometry('500x400')

tkWindow.title('Medicare')

tkWindow.configure(bg='#008080')

#username label and text entry box

usernameLabel = Label(tkWindow, text="User Name:").place(x=10,y=50)

username = StringVar()

usernameEntry = Entry(tkWindow, textvariable=username).place(x=80,y=50)

#name label and text entry box

nameLabel = Label(tkWindow, text="Name:").place(x=10,y=90)

name = StringVar()

nameEntry = Entry(tkWindow, textvariable=name).place(x=80,y=90)

#labels for packages

headinglabel=Label(tkWindow, text="Please choose from the menu below:").place(x=10,y=130)

oneLabel = Label(tkWindow, text="1- Oxygen Cylinders, Covid-19 kit, N95 Masks, Steam Inhaler, Sanitizers").place(x=10,y=160)

twoLabel = Label(tkWindow, text="2- Covid-19 kit, N95 Masks, Steam Inhaler").place(x=10,y=190)

threeLabel = Label(tkWindow, text="3- N95 Masks, Sanitizers ").place(x=10,y=220)

#entry label and text entry box

entryLabsel = Label(tkWindow, text="Package number: ").place(x=10,y=270)

entry = StringVar()

entryEntry = Entry(tkWindow, textvariable=entry).place(x=120,y=270)

#quantity label and text entry box

quantityLabsel = Label(tkWindow, text="Quantity: ").place(x=10,y=300)

quantity = StringVar()

quantityEntry = Entry(tkWindow, textvariable=quantity ).place(x=120,y=300)

#Enter the command

button\_submit=Button(tkWindow,text="Book",command= packagesinput).place(x=200,y=330)

#close

def close():

tkWindow.destroy()

homepage()

close= Button(tkWindow, text="close",command=close)

close.place(x=10,y=330)

tkWindow.mainloop()

###########################################################################################################################################################

def donationcode():

def mysqlpythondon():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into donations values('{}','{}','{}','{}')".format(name.get(),address.get(),accountno.get(),amount.get())

cursor.execute(st)

mycon.commit()

st="select \* from donations"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "Donation Successful")

tkWindow.destroy()

mycon.close()

homepage()

#window

tkWindow = Tk()

tkWindow.geometry('500x350')

tkWindow.title('Medicare')

tkWindow.configure(bg='#008080')

#getting screen width and height of display

#width= tkWindow.winfo\_screenwidth()

#height= tkWindow.winfo\_screenheight()

#setting tkinter window size

#tkWindow.geometry("%dx%d" % (width, height))

# heading label

nameLabel = Label(tkWindow, text=" Make Donation").place(x=10,y=10)

#name label and entry box

nameLabel = Label(tkWindow, text="Name").place(x=10,y=50)

name = StringVar()

nameEntry = Entry(tkWindow, textvariable=name).place(x=80,y=50)

#address label and entry box

addressLabel = Label(tkWindow,text="Address").place(x=10,y=100)

address = StringVar()

addressEntry = Entry(tkWindow, textvariable=address).place(x=80,y=100)

#accountno label and entry box

accountnoLabel = Label(tkWindow,text="Account Number").place(x=10,y=150)

accountno = StringVar()

accountnoEntry = Entry(tkWindow, textvariable=accountno).place(x=120,y=150)

#amount label and entry box

amountLabel = Label(tkWindow,text="Amount ").place(x=10,y=200)

amount = StringVar()

amountEntry = Entry(tkWindow, textvariable=amount ).place(x=80,y=200)

#pay button

payButton = Button(tkWindow, text="Donate",command=mysqlpythondon).place(x=150,y=250)

#close

def close():

tkWindow.destroy()

homepage()

close= Button(tkWindow, text="close",command=close)

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

#main loop

tkWindow.mainloop()

###########################################################################################################################################################

def appointmentscode():

def mysqlpythonapp():

#mysql python connector

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into appointments values('{}','{}','{}','{}','{}')".format(username.get(),name.get(),age.get(),gender.get(),problems.get())

cursor.execute(st)

mycon.commit()

st="select \* from appointments"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "Appointment Booked")

mycon.close()

tkWindow.destroy()

homepage()

#window

tkWindow = Tk()

tkWindow.geometry('500x350')

tkWindow.title('Medicare')

tkWindow.configure(bg='#008080')

#getting screen width and height of display

#width= tkWindow.winfo\_screenwidth()

#height= tkWindow.winfo\_screenheight()

#setting tkinter window size

#tkWindow.geometry("%dx%d" % (width, height))

#heading label

headingLabel = Label(tkWindow, text="Book Appointment").place(x=10,y=5)

#username label and text entry box

usernameLabel = Label(tkWindow, text="User Name").place(x=10,y=50)

username = StringVar()

usernameEntry = Entry(tkWindow, textvariable=username).place(x=80,y=50)

#name label and text entry box

nameLabel = Label(tkWindow, text="Name").place(x=10,y=100)

name = StringVar()

nameEntry = Entry(tkWindow, textvariable=name).place(x=80,y=100)

#age label and entry box

ageLabel = Label(tkWindow,text="Age").place(x=10,y=150)

age = StringVar()

addressEntry = Entry(tkWindow, textvariable=age).place(x=80,y=150)

#gender label and entry box

genderLabel = Label(tkWindow,text="Gender").place(x=10,y=200)

gender = StringVar()

genderEntry = Entry(tkWindow, textvariable=gender).place(x=80,y=200)

#problems label and entry box

problemsLabel = Label(tkWindow,text="What are your symptoms? Describe the problem:").place(x=10,y=250)

problems = StringVar()

problemsEntry = Entry(tkWindow, textvariable=problems ).place(x=300,y=250)

#book appoinment button

appointmentButton = Button(tkWindow, text="Book Appointment",command=mysqlpythonapp).place(x=150,y=300)

#close

def close():

tkWindow.destroy()

homepage()

close= Button(tkWindow, text="close",command=close)

close.place(x=10,y=300)

#main loop

tkWindow.mainloop()

###########################################################################################################################################################

def availabilitycode():

#add record

def availability():

#mysql part

mycon=sql.connect(host="localhost",user="root",passwd="password", database="project")

if mycon.is\_connected():

print("Successfully Conected to database")

else:

print("Access denied")

cursor=mycon.cursor()

st="insert into availability values('{}','{}','{}')".format(Submit\_username.get(),Submit\_name.get(),Submit\_numberofbedsrequired.get())

cursor.execute(st)

mycon.commit()

st="select \* from availability"

cursor.execute(st)

data=cursor.fetchall()

for row in data:

print(row)

messagebox.showinfo("showinfo", "Booking Successful")

Submit\_username.delete(0,END)

Submit\_name.delete(0,END)

Submit\_numberofbedsrequired.delete(0,END)

mycon.close()

ws.destroy()

homepage()

ws = Tk()

ws.title('Medicare')

ws.config(bg='teal')

f = ('Times', 14)

var = StringVar()

var.set('male')

right\_frame = Frame(

ws,

bd=2,

bg='teal',

relief=SOLID,

padx=10,

pady=10

)

Label(

right\_frame,

text="Enter Username",

bg='#CCCCCC',

font=f

).grid(row=0, column=0, sticky=W, pady=10)

Label(

right\_frame,

text="Enter Name",

bg='#CCCCCC',

font=f

).grid(row=1, column=0, sticky=W, pady=10)

Label(

right\_frame,

text="Number of beds required",

bg='#CCCCCC',

font=f

).grid(row=5, column=0, sticky=W, pady=10)

Submit\_username=Entry(

right\_frame,

font=f

)

Submit\_name = Entry(

right\_frame,

font=f

)

Submit\_numberofbedsrequired=Entry(

right\_frame,

font=f

)

Submit\_btn = Button(

right\_frame,

width=15,

text='Submit',

font=f,

relief=SOLID,

cursor='hand2',

command= availability

)

#close

def close():

ws.destroy()

homepage()

close = Button(

right\_frame,

width=15,

text='Close',

font=f,

relief=SOLID,

cursor='hand2',

command= close

)

Submit\_username.grid(row=0, column=1, pady=10, padx=20)

Submit\_name.grid(row=1, column=1, pady=10, padx=20)

Submit\_numberofbedsrequired.grid(row=5, column=1, pady=10, padx=20)

Submit\_btn.grid(row=8, column=1, pady=10, padx=20)

right\_frame.pack()

close.grid(row=5, column=1, pady=10, padx=10)

close.grid(row=10, column=1, pady=10, padx=20)

right\_frame.pack()

ws.mainloop()

###########################################################################################################################################################

#login page code

#window

tkWindow = Tk()

tkWindow.geometry('350x250')

tkWindow.title('Medicare Login')

tkWindow.configure(bg='#008080')

#logo

img1= ImageTk.PhotoImage(Image.open('logo1.png'))

panel = Label(tkWindow, image = img1)

panel.place(x=5, y=5)

#username label and text entry box

usernameLabel = Label(tkWindow, text="User Name").place(x=10,y=100)

username = StringVar()

usernameEntry = Entry(tkWindow, textvariable=username).place(x=80,y=100)

#password label and password entry box

passwordLabel = Label(tkWindow,text="Password").place(x=10,y=150)

password = StringVar()

passwordEntry = Entry(tkWindow, textvariable=password, show='\*').place(x=80,y=150)

validateLogin = partial(validateLogin, username, password)

#login button

loginButton = Button(tkWindow, text="Login", command= mysqlpythonlogin).place(x=150,y=200)

#signup button

signupButton = Button(tkWindow, text="Sign Up", command=mysqlpythonsignup).place(x=50,y=200)

#main loop

tkWindow.mainloop()