from tkinter import\*

from PIL import Image,ImageTk  *#pip install pillow*

from customer import Cust\_Win, Cust\_Win

from room import Roombooking

from details import Detailsroom

class HotelManagementSystem:

    def \_\_init\_\_(self, root):

        self.root = root

        self.root.title("Hostel Management System")

        self.root.geometry("1600x700+0+0")

*################## First image ##############*

        img1 = Image.open("manit-bar.jpeg")

        img1 = img1.resize((1600,140),Image.ANTIALIAS)

        self.photoimg1=ImageTk.PhotoImage(img1)

        lblimg = Label(self.root,image=self.photoimg1,bd=4,relief=RIDGE)

        lblimg.place(x=231,y=0,width=1600,height=140)

*################## Logo ######################*

        img2 = Image.open("clg-logo.jpeg")

        img2 = img2.resize((230,140),Image.ANTIALIAS)

        self.photoimg2=ImageTk.PhotoImage(img2)

        lblimg = Label(self.root,image=self.photoimg2,bd=4,relief=RIDGE)

        lblimg.place(x=0,y=0,width=230,height=140)

*################ Title ##################*

        lbl\_title = Label(self.root,text="Hostel Management System",font=("times new roman",40,"bold"),bg="blue",fg="white",bd=4,relief=RIDGE)

        lbl\_title.place(x=0,y=140,width=1600,height=65)

*################ MAIN FRAME ###############*

        main\_frame = Frame(self.root,bd=4,relief=RIDGE)

        main\_frame.place(x=0,y=205,width=1600,height=620)

*############### LABEL ################*

        lbl\_menu = Label(main\_frame,text="MENU",font=("times new roman",20,"bold"),bg="blue",fg="white",bd=4,relief=RIDGE)

        lbl\_menu.place(x=0,y=0,width=230)

*############### BUTTON FRAME #############*

        btn\_frame = Frame(main\_frame,bd=4,relief=RIDGE)

        btn\_frame.place(x=0,y=40,width=229,height=190)

        cust\_btn = Button(btn\_frame,text="STUDENT",command=self.Cust\_details,width=22,font=("times new roman",14,"bold"),bg="blue",fg="white",bd=0,cursor="hand1")

        cust\_btn.grid(row=0,column=0)

        room\_btn = Button(btn\_frame,text="ROOM",command=self.roombooking,width=22,font=("times new roman",14,"bold"),bg="blue",fg="white",bd=0,cursor="hand1")

        room\_btn.grid(row=1,column=0)

        details\_btn = Button(btn\_frame,text="DETAILS",command=self.Details\_room,width=22,font=("times new roman",14,"bold"),bg="blue",fg="white",bd=0,cursor="hand1")

        details\_btn.grid(row=2,column=0)

        reports\_btn = Button(btn\_frame,text="REPORTS",width=22,font=("times new roman",14,"bold"),bg="blue",fg="white",bd=0,cursor="hand1")

        reports\_btn.grid(row=3,column=0)

        logout\_btn = Button(btn\_frame,text="LOGOUT",command=self.logout,width=22,font=("times new roman",14,"bold"),bg="blue",fg="white",bd=0,cursor="hand1")

        logout\_btn.grid(row=4,column=0)

*################ RIGHT SIDE IMAGE #####################*

        img3 = Image.open("main-2.jpg")

        img3 = img3.resize((1310,590),Image.ANTIALIAS)

        self.photoimg3=ImageTk.PhotoImage(img3)

        lblimg1 = Label(main\_frame,image=self.photoimg3,bd=4,relief=RIDGE)

        lblimg1.place(x=225,y=0,width=1310,height=590)

*################ DOWN IMAGES ####################*

        img4 = Image.open("down-1.jpeg")

        img4 = img4.resize((230,210),Image.ANTIALIAS)

        self.photoimg4=ImageTk.PhotoImage(img4)

        lblimg1 = Label(main\_frame,image=self.photoimg4,bd=4,relief=RIDGE)

        lblimg1.place(x=0,y=220,width=228,height=150)

        img5 = Image.open("down-2.jpeg")

        img5 = img5.resize((230,190),Image.ANTIALIAS)

        self.photoimg5=ImageTk.PhotoImage(img5)

        lblimg1 = Label(main\_frame,image=self.photoimg5,bd=4,relief=RIDGE)

        lblimg1.place(x=0,y=350,width=228,height=190)

    def Cust\_details(self):

        self.new\_window = Toplevel(self.root)

        self.app=Cust\_Win(self.new\_window)

    def roombooking(self):

        self.new\_window = Toplevel(self.root)

        self.app=Roombooking(self.new\_window)

    def Details\_room(self):

        self.new\_window = Toplevel(self.root)

        self.app=Detailsroom(self.new\_window)

    def logout(self):

        self.root.destroy()

if \_\_name\_\_ == "\_\_main\_\_":

    root = Tk()

    Obj = HotelManagementSystem(root)

    root.mainloop()