from tkinter import \*  
import qrcode  
  
import csv  
global search\_photo  
global register\_photo  
  
#login\_photo = PhotoImage(file="login.png")  
  
  
  
def regiuser():  
 win.destroy()  
 reg = Tk() #Constructing the register window  
 reg.title("E-BUS PASS")  
  
 regiframe = Frame(reg)  
 regiframe.grid(padx=50, pady=50)  
  
 def store():  
 user1 = e1.get()  
 pass1 = e2.get()  
 fh = open("newuser.txt", "a")  
 fh.write(user1+"," + pass1+"\n")  
 fh.close()  
 reg.destroy()  
 loginfun()  
  
 n1 = Label(regiframe, text="Enter your username :",font=("Times 30 bold underline", 15))  
 n1.grid(row=0, column=0, columnspan=2)  
  
 n2 = Label(regiframe, text="Enter your password :",font=("Times 30 bold underline", 15))  
 n2.grid(row=1, column=0, columnspan=2)  
  
 e1 = Entry(regiframe)  
 e1.grid(row=0, column=3)  
  
 e2 = Entry(regiframe)  
 e2.grid(row=1, column=3)  
  
 global register\_photo  
 register\_photo = PhotoImage(file="submit.png")  
 r1 = Button(regiframe, text="signup", command=store,image = register\_photo,height=50,width=180)  
 r1.grid(padx=10,pady=10,columnspan=4)  
  
 reg.grid\_columnconfigure(0, weight=1)  
 reg.grid\_rowconfigure(0, weight=1)  
  
def log1 ():  
 win.destroy()  
 loginfun()  
  
def loginfun():  
 root = Tk() #Constructing the login window  
 root.title("E-BUS PASS")  
  
 lf = Frame(root)  
 lf.grid(padx=50, pady=50)  
  
 def check():  
 x1 = u1.get()  
 x2 = p1.get()  
 # d=x1+" "+x2  
 with open("newuser.txt", "r") as file:  
 fh = csv.reader(file, delimiter=",", lineterminator="\n")  
 for row in fh:  
 if row[0] == x1:  
 if row[1] == x2:  
 file.close()  
 afterlogin()  
 break  
 else:  
 i3 = Label(lf, text="\*Invalid username or password", fg='red',font=("Times 30 bold underline", 15))  
 i3.grid(row=3, columnspan=2)  
  
 def afterlogin():  
 root.destroy()  
 start = Tk() #Constructing after login window  
 start.title("E-BUS PASS")  
  
 start.grid\_columnconfigure(0, weight=1)  
 start.grid\_rowconfigure(0, weight=1)  
 frame=Frame(start)  
 frame.grid(padx=50, pady=50)  
  
 global QR\_code  
 QR\_code=PhotoImage(file="login.png")  
  
 def qr():  
 start.destroy()  
 start1= Tk()  
 start1.title("E-BUS PASS")  
  
 qrframe = Frame(start1)  
 qrframe.grid(padx=50, pady=50)  
  
 global QR\_code  
 QR\_code = PhotoImage(file="QR\_code.png")  
 n1 = Button(qrframe, text="My QR code",image=QR\_code, command=qr, height=500, width=500)  
 n1.grid(row=2 , column=0,sticky=NSEW, padx=10, pady=10)  
  
 n1= Label(qrframe, text='scan this to generate your e-pass', font=("Times 30 bold underline", 15))  
 n1.grid(row=1, sticky=NSEW, column=0, columnspan=3)  
  
 n2 = Button(qrframe, text="Quit", fg="RED", command=quit, height=1, width=5)  
 n2.grid(row=0, column=6, padx=25, pady=25, columnspan=3)  
  
 start1.grid\_columnconfigure(0, weight=1)  
 start1.grid\_rowconfigure(0, weight=1)  
   
 start1.mainloop()  
  
 def logout():  
 start.destroy()  
 l1 = Tk()  
 l1.title("E-BUS PASS")  
  
 logoutframe = Frame(l1)  
 logoutframe.grid(padx=50, pady=50)  
  
 i3 = Label(logoutframe, text="You have successfully Logged Out ,", fg='Green', font=("Times 30 bold underline", 15))  
 i3.grid(row=0, columnspan=2)  
  
 i3 = Label(logoutframe, text="Thank you for visiting E-bus pass !!!", fg='Green',  
 font=("Times 30 bold underline", 15))  
 i3.grid(row=1, columnspan=2)  
  
 def qr1():  
 start3 = Tk()  
 start3.title("E-BUS PASS")  
  
 qr1frame = Frame(start3)  
 qr1frame.grid(padx=50, pady=50)  
  
 global QR\_code  
 QR\_code = PhotoImage(file="QR\_code.png")  
 n1 = Button(qr1frame, text="My QR code", image=QR\_code, command=qr1, height=500, width=500)  
 n1.grid(row=2, column=0, sticky=NSEW, padx=10, pady=10)  
  
 n1 = Label(qr1frame, text='scan this to generate your e-pass', font=("Times 30 bold underline", 15))  
 n1.grid(row=1, sticky=NSEW, column=0, columnspan=3)  
  
 n2 = Button(qr1frame, text="Quit", fg="RED", command=quit, height=1, width=5)  
 n2.grid(row=0, column=6, padx=25, pady=25, columnspan=3)  
  
 start3.grid\_columnconfigure(0, weight=1)  
 start3.grid\_rowconfigure(0, weight=1)  
  
 start3.mainloop()  
  
  
  
 global get\_pass  
 def get\_pass():  
 start.destroy()  
 start2 = Tk()  
 start2.title("E-BUS PASS")  
  
 getframe = Frame(start2)  
 getframe.grid(padx=50, pady=50)  
  
 def store1():  
 p1 = e1.get()  
 p2 = e2.get()  
 p3 = e3.get()  
 p4 = e4.get()  
 p5 = e5.get()  
 fh = open("passdetail.txt", "a")  
 fh.write(  
 "Name : " + p1 + "\n" + "Start date:" + p2 + "\n" + "End date:" + p3 + "\n" + "Route: From " + p4 + " TO " + p5 + "\n" + "\n")  
 fh.close()  
 qr = qrcode.make("Name : " + p1 + "\n" + "Start date:" + p2 + "\n" + "End date:" + p3 + "\n" + "Route: From " + p4 + " TO " + p5 + "\n" + "\n")  
 qr.save('QR\_code.png')  
 start2.destroy()  
 qr1()  
  
 n1 = Label( getframe, text="Enter your Name:", font=("Times 30 bold underline", 15))  
 n1.grid(row=1, column=0)  
  
 n2 = Label(getframe, text="PASS detail's", font=("Times 30 bold underline", 25))  
 n2.grid(row=0,sticky=NSEW,column=0,columnspan=2)  
  
 n3 = Label( getframe, text="Start date:", font=("Times 30 bold underline", 15))  
 n3.grid(row=2, column=0)  
  
 n4 = Label(getframe, text="End date:", font=("Times 30 bold underline", 15))  
 n4.grid(row=3, column=0)  
  
 n5 = Label(getframe, text="Route", font=("Times 30 bold underline", 20))  
 n5.grid(row=4, column=0)  
  
 n6 = Label(getframe, text="From (enter the starting location):", font=("Times 30 bold underline", 15))  
 n6.grid(row=5, column=0)  
  
 n7 = Label(getframe, text="To (enter the destination):", font=("Times 30 bold underline", 15))  
 n7.grid(row=6, column=0)  
  
 e1 = Entry( getframe)  
 e1.grid(row=1, column=1)  
  
 e2 = Entry( getframe)  
 e2.grid(row=2, column=1)  
  
 e3 = Entry(getframe)  
 e3.grid(row=3, column=1)  
  
 e4 = Entry(getframe)  
 e4.grid(row=5, column=1)  
  
 e5 = Entry(getframe)  
 e5.grid(row=6, column=1)  
  
 s1 = Button(getframe, text="Submit and Show My QR Code",command=store1, height=5, width=7)  
 s1.grid(row=7, column=0, sticky=NSEW, padx=10, pady=10)  
  
 n2 = Button(getframe, text="Quit", fg="RED", command=quit, height=1, width=5)  
 n2.grid(row=8, column=3, padx=25, pady=25, columnspan=3)  
  
 start2.grid\_columnconfigure(0, weight=1)  
 start2.grid\_rowconfigure(0, weight=1)  
 start2.mainloop()  
  
  
  
 QR\_code = PhotoImage(file="login.png")  
 n1 = Button(frame,text="My QR code",bg="Yellow",fg="RED",command=qr,height=5,width=100)  
 n1.grid(row=2, column=0, padx=25, pady=25,columnspan=3)  
  
 ma = Label(frame, text='or', font=("Times 30 bold underline", 25))  
 ma.grid(row=3, sticky=NSEW, column=0, columnspan=3)  
  
 n2 = Button(frame,text="Get a e-pass",bg="Yellow",fg="RED", command=get\_pass, height=5, width=100)  
 n2.grid(row=4, column=0, padx=25, pady=25,columnspan=3)  
  
 n3 = Button(frame, text="Logout", fg="RED", command=logout, height=1, width=5)  
 n3.grid(row=1, column=3, padx=25, pady=25, columnspan=3)  
  
  
 #name\_box = Entry(frame)  
 #name\_box.grid( row=0, column=0,sticky=NSEW,padx=10,pady=10)  
  
 #global search\_photo  
 #search\_photo = PhotoImage(file="search.png")  
  
 #def search():  
 # s1=name\_box.get()  
 #with open("books.txt", "r") as file:  
 # fh = csv.reader(file, delimiter=",", lineterminator="\n")  
 # if row[0] == s1:  
 # file.close()  
 # start.destroy()  
 # break  
  
 #find\_button = Button(frame, text='Search',bg="Yellow",fg="RED",command=search,height = 5, width =50)  
 #find\_button.grid( row=0, column=1,padx=5,pady=5,columnspan=2)  
  
 start.configure(background='PeachPuff')  
  
  
 user = Label(lf, text="User name : ",font=("Times 30 bold underline", 15))  
 user.grid(row=0, column=0,sticky=NSEW,padx=10,pady=10)  
  
 passw = Label(lf, text="Password : ",font=("Times 30 bold underline", 15))  
 passw.grid(row=1, column=0,sticky=NSEW,padx=10,pady=10)  
  
 u1 = Entry(lf)  
 u1.grid(row=0, column=1,sticky=NSEW,padx=10,pady=10)  
  
 p1 = Entry(lf)  
 p1.grid(row=1, column=1,sticky=NSEW,padx=10,pady=10)  
  
 login\_photo = PhotoImage(file="login.png")  
  
 log = Button(lf, text="Login", command=check,image = login\_photo,height=90,width=215)  
 log.grid(row=2, column=0,padx=10,pady=10,columnspan=2)  
  
  
  
 root.grid\_columnconfigure(0, weight=1)  
 root.grid\_rowconfigure(0, weight=1)  
 root.mainloop()  
  
  
win = Tk() #Constructing login and register window  
win.title("E-BUS PASS")  
  
f1=Frame(win)  
f1.grid(padx=50,pady=50)  
  
la=Label(f1,text='WELCOME TO E-BUS PASS...!!!',font=("Impact",50))  
la.grid(row = 0,sticky = NSEW,column=1,columnspan = 3)  
  
  
login\_photo = PhotoImage(file = "signin.png")  
l1 = Button(f1, command=log1,image = login\_photo,height = 88, width =180)  
l1.grid(row=2,column=2,padx=25,pady=25)  
  
ma=Label(f1,text='or',font=("Times 30 bold underline",25))  
ma.grid(row = 3,sticky = NSEW,column=1,columnspan = 3)  
  
  
register\_photo = PhotoImage(file = "signupresize.png")  
r1 = Button(f1, command=regiuser,image = register\_photo,height = 88, width =180)  
r1.grid(row=4,column=2,padx=25,pady=25)  
  
win.grid\_columnconfigure(0,weight=1)  
win.grid\_rowconfigure(0,weight = 1)  
win.configure(background='Moccasin')  
win.mainloop()