from tkinter import \*

from tkinter import messagebox

import ast

root=Tk()

root.title('Login Page')

root.geometry('1540x1080')

root.configure(bg='#fff')

root.resizable(True,True)

def signin():

username=user.get()

password=code.get()

file=open('datasheet.txt', 'r')

d=file.read()

r=ast.literal\_eval(d)

file.close()

#print(r.keys())

#print(r.values())

if username in r.keys() and password==r[username]:

screen=Toplevel(root)

screen.title("Nutrition Assistant")

screen.geometry('1540x1080')

screen.config(bg="white")

Label(screen,text='Welcome to the Nutrition Assistant!',bg='white',font=('Cascadia Mono SemiBold',50,'bold')).pack(expand=True)

screen.mainloop()

elif username!='admin' and password!='1234':

messagebox.showerror("Invalid", "Invalid Credentials")

elif username!='admin':

messagebox.showerror("Invalid", "Invalid UserName")

elif password!='1234':

messagebox.showerror("Invalid", "Invalid PassWord")

else:

messagebox.showerror("Invalid", "Invalid Credentials")

#####---------------------------------------------------call sign up page-----------------------------------------------

def signup():

window=Toplevel(root)

#------------------------------------------------------code of signup.py-------------------------------------------------

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

window.title("Registration Page")

window.geometry('1540x1080')

window.configure(bg='#fff')

window.resizable(True,True)

def signup():

username=user.get()

password=code.get()

confirmpassword=c\_code.get()

if password==confirmpassword:

try:

file=open('datasheet.txt', 'r+')

d=file.read()

r=ast.literal\_eval(d)

dict2={username:password}

r.update(dict2)

file.truncate(0)

file.close()

file=open('datasheet.txt','w')

w=file.write(str(r))

messagebox.showinfo('Sign Up','Successfully Signed up')

window.destroy()

except:

file=open('datasheet.txt','w')

pp=str({'Username':'password'})

file.write(pp)

file.close()

else:

messagebox.showerror('Invalid','Both Password should match')

def Login():

window.destroy()

img=PhotoImage(file='restaurant.png')

Label(window,image=img,border=0,bg='white').place(x=50,y=60)

frame=Frame(window,width=450,height=680,bg='white')

frame.place(x=970,y=50)

heading = Label(frame,text="Sign Up", fg="#57a1f8", bg='white', font=('Cascadia Mono SemiBold',30,'bold'))

heading.place(x=155,y=5)

#------------------------------------------Username------------------------------------------------------------------------

def on\_enter(e):

user.delete(0,'end')

def on\_leave(e):

if user.get()=='':

user.insert(0,'User Name')

user = Entry(frame,width=28,fg='black',border=0,bg='white',font=('Times New Roman',15))

user.place (x=88,y=80)

user.insert(0, 'User Name')

user.bind("<FocusIn>", on\_enter)

user.bind("<FocusOut>", on\_leave)

Frame(frame,width=295,height=1,bg='black').place(x=85,y=105)

#-------------------------------------------------------password-----------------------------------------------------------

def on\_enter(e):

code.delete(0,'end')

def on\_leave(e):

if code.get()=='':

code.insert(0,'Password')

code = Entry(frame,width=28,fg='black',border=0,bg='white',font=('Times New Roman',15))

code.place (x=88,y=160)

code.insert(0, 'Password')

code.bind("<FocusIn>", on\_enter)

code.bind("<FocusOut>", on\_leave)

Frame(frame,width=295,height=1,bg='black').place(x=85,y=185)

#-------------------------------------Confirm password----------------------------------------------------------------

def on\_enter(e):

c\_code.delete(0,'end')

def on\_leave(e):

if c\_code.get()=='':

c\_code.insert(0,'Confirm Password')

c\_code = Entry(frame,width=28,fg='black',border=0,bg='white',font=('Times New Roman',15))

c\_code.place (x=88,y=240)

c\_code.insert(0, 'Confirm Password')

c\_code.bind("<FocusIn>", on\_enter)

c\_code.bind("<FocusOut>", on\_leave)

Frame(frame,width=295,height=1,bg='black').place(x=85,y=265)

#-------------------------------------------signin Button-----------------------------------------------------------------------

Button(frame,width=50,pady=10,text='Sign Up',bg='#57a1f8',fg='white',border=0,command=signup).place(x=60,y=300)

label=Label(frame,text='I already have an account ?',fg='black',bg='white',font=('Times New Roman',13))

label.place(x=100,y=360)

signin=Button(frame,width=5,text='Login',border=0,bg='white',cursor='hand2',fg='#47a1f8',command=Login)

signin.place(x=290,y=360)

window.mainloop()

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Frame(frame,width=295,height=1,bg='black').place(x=85,y=185)

#-------------------------------------------signin Button-----------------------------------------------------------------------

Button(frame,width=50,pady=10,text=' Login ',bg='#57a1f8',fg='white',border=0, command=signin).place(x=60,y=300)

label=Label(frame,text="Don't have an account ?",fg='black',bg='white',font=('Times New Roman',13))

label.place(x=100,y=360)

signup=Button(frame,width=5,text='Sign Up',border=0,bg='white',cursor='hand2',fg='#47a1f8', command=signup)

signup.place(x=290,y=360)

root.mainloop()