from mailmerge import MailMerge

from tkinter import \*

import openpyxl as xl

import os

a1=[6,11,33,34,35,36]

def change():

b=a1[0]

e1=p[b]

e2=e1.split('00')

e3=e2[0]

e33=str(e3)

e4=e33.split('-')

if len(e4[-3])!=2:

e5=e4[-1]+'-'+e4[-2]+'-'+e4[-3]

a1.remove(b)

return(e5)

else:

a1.remove(b)

return(e1)

def backend():

try:

sv=ade.get()

x10=a\_ad\_e.get()

y2=a\_s.get()

if x10.isnumeric()==False:

b=Tk()

b\_l=Label(b,text='enter admno in correct format')

b\_l.pack()

else:

if y2=='':

b=Tk()

b\_l=Label(b,text='choose the class first')

b\_l.pack()

else:

if sv=='':

b=Tk()

b\_l=Label(b,text='choose the date first')

b\_l.pack()

else:

x=int(x10)

s=data[y2]

y=s['C']#col in whic admn saved

a=''

for i in y:

j=i.value

if j== x:

a=y.index(i)

if a=='':

b=Tk()

b\_l=Label(b,text='no user found')

b\_l.pack()

else:

l=[]

d1=int(a)+1

c=s.iter\_rows(min\_row=1,max\_row=d1)#converting data into nested list order:-row1 full-> row2->row---

for i in c:

l1=[]

for j in i:

k=j.value

l1.append(k)

l.append(l1)

global p

p=l[-1]

for i in range(len(p)):

b=p[i]

a=str(b)

if b==None:

h=''

p[i]=h

else:

p[i]=a

os.chdir('C:\\Users\\HARIPRASATH\\OneDrive\\Desktop\\tco')

temp='tcupload.docx'

doc=MailMerge(temp)

doc.merge(sn=p[0])

doc.merge(emno=p[1])

doc.merge(adno=p[2])

doc.merge(nos=p[3])

doc.merge(nom=p[4])

doc.merge(nof=p[5])

doc.merge(dob=change())

doc.merge(rel=p[9])

doc.merge(sct=p[10])

doc.merge(doa=change())

doc.merge(lss=p[13])

doc.merge(lssw=p[14])

doc.merge(lr=p[15])

doc.merge(fc=p[16])

doc.merge(s1=p[17])

doc.merge(s2=p[18])

doc.merge(s3=p[19])

doc.merge(s4=p[20])

doc.merge(s5=p[21])

doc.merge(wpm=p[22])

doc.merge(pc=p[23])

doc.merge(pcw=p[24])

doc.merge(wd=p[25])

doc.merge(wp=p[26])

doc.merge(fp=p[27])

doc.merge(fcc=p[28])

doc.merge(ncc=p[29])

doc.merge(cat=p[30])

doc.merge(eca=p[31])

doc.merge(gc=p[32])

doc.merge(doac=change())

doc.merge(dates=change())

doc.merge(doi=change())

doc.merge(aor=p[36])

doc.merge(date=sv)

doc.write('tccupload.docx')

os.system('start tccupload.docx')

#c=Tk()

#c\_l=Label(c,text='TC GENERATED SUCCESSFULLY')

#c\_l.grid()

#c\_l2=Label(c,text='check in this location C:\\Users\\user\\Downloads ')

#c\_l2.grid()

#c\_l3=Label(c,text='file name : adhi.docx')

#c\_l3.grid()

finally:

data.close()

data=xl.load\_workbook(r'C:\\Users\\HARIPRASATH\\OneDrive\\Desktop\\tco\\tcdataupload.xlsx')

s=data.sheetnames

a=Tk()

a.geometry('1300x600')

a['bg']='#d7b38c'

for i in range(1,3):

b1=Label(a,text=' ',bg='#d7b38c')

b1.grid(row=0,column=i)

s1=Label(a,text='SREEVATSA VISWANATHAN VIVEKANANDA VIDHYALAYA SENIOR SECONDARY SCHOOL',bg='#d7b38c',fg='black',font=('Consolas',14,'bold'))

s1.grid(row=0,column=3)

for i in range(1,3):

b1=Label(a,text=' ',bg='#d7b38c')

b1.grid(row=1,column=i)

s2=Label(a,text='TC Developer',bg='#d7b38c',fg='black',font=('Consolas',14,'bold'))

s2.grid(row=1,column=3)

a\_ad=Label(a,text='enter the admno no here',bg='#d7b38c',fg='black',font=('Consolas',12))

a\_ad.grid(row=4,column=1)

a\_ad\_e=Entry(a,width=15)

a\_ad\_e.grid(row=4,column=2)

a\_s=StringVar()

a\_ad\_c=OptionMenu(a,a\_s,\*s)

a\_ad\_l=Label(a,text='choose the class',bg='#d7b38c',fg='black',font=('Consolas',12))

a\_ad\_l.grid(row=5,column=1)

a\_ad\_c.grid(row=5,column=2)

a\_b=Button(a,text='press here to generate tc',command=backend,border=0,bg='#d7b38c',fg='black',font=('Consolas',12,'underline'))

a\_b.grid(row=7,column=2)

adl=Label(a,text='enter the date(dd/mm/yyyy)',bg='#d7b38c',fg='black',font=('Consolas',12))

adl.grid(row=6,column=1)

ade=Entry(a,width=15)

ade.grid(row=6,column=2)