import sqlite3

from sqlite3.dbapi2 import SQLITE\_SELECT

import ttk

from Tkinter import \*

import tkMessageBox

con = sqlite3.connect('banco.db')

cur = con.cursor()7

#Criar tabela alunos

cur.execute("""CREATE TABLE IF NOT EXISTS alunos (

nome VARCHAR,

telefone VARCHAR PRIMARY KEY,

endereco VARCHAR,

matricula VARCHAR,

nota VARCHAR)""")

class main:

def \_\_init\_\_(self,master):

#--------------------------------------TKINTER INTERFACE------------------------------------------------#

self.frame1 = Frame(master,bg='sky blue')

self.frame1.configure(relief=GROOVE)

self.frame1.configure(borderwidth="2")

self.frame1.place(relx=0.0,rely=0.0,relheight=1.0,relwidth=0.51)

Label(self.frame1,text='CADASTRO',font=('Ariel','30'),bg='sky blue').place(relx=0.30,rely=0.01)

Label(self.frame1,text='Nome',font=('Ariel','15'),bg='sky blue').place(relx=0.02,rely=0.12)

self.nome=Entry(self.frame1,font=('Ariel','20'))

self.nome.place(relx=0.02,rely=0.16)

Label(self.frame1,text='Endereco',font=('Ariel','15'),bg='sky blue').place(relx=0.02,rely=0.21)

self.endereco = Entry(self.frame1,font=('Ariel','20'))

self.endereco.place(relx=0.02,rely=0.25,relwidth=0.94)

Label(self.frame1,text='Telefone',font=('Ariel','15'),bg='sky blue').place(relx=0.02,rely=0.31)

self.fone = Entry(self.frame1,font=('Ariel','20'))

self.fone.place(relx=0.02,rely=0.36,width=200)

Label(self.frame1,text='matricula',font=('Ariel','15'),bg='sky blue').place(relx=0.02,rely=0.50)

self.matricula = Text(self.frame1,font=('Ariel','20'))

self.matricula.place(relx=0.02,rely=0.55,relwidth=0.94,relheight=0.43)

Label(self.frame1,text='nota',font=('Ariel','15'),bg='sky blue').place(relx=0.02,rely=0.50)

self.nota = Text(self.frame1,font=('Ariel','20'))

self.nota.place(relx=0.02,rely=0.55,relwidth=0.94,relheight=0.43)

self.botaocadastra = Button(self.frame1,text='Cadastrar',font=('Ariel','20'),

fg='green',command=self.cadastraalunos)

self.botaocadastra.place(relx=0.62,rely=0.33,relwidth=0.31)

self.botaocancela = Button(self.frame1,text='Novo/Cancelar',font=('Ariel','20'),

fg='red',command=self.limpaalunos)

self.botaocancela.place(relx=0.62,rely=0.44,relwidth=0.31)

self.frame2 = Frame(master,bg='sky blue')

self.frame2.configure(relief=GROOVE)

self.frame2.configure(borderwidth="2")

self.frame2.place(relx=0.51,rely=0.0,relheight=0.31,relwidth=0.49)

Label(self.frame2,text='CONSULTA',font=('Ariel','30'),bg='sky blue').place(relx=0.29,rely=0.05)

self.fonec=Entry(self.frame2,font=('Ariel','20'))

self.fonec.bind("<Return>",self.mostraalunos\_a)

self.fonec.place(relx=0.22,rely=0.42)

self.botaook = Button(self.frame2, text='OK',font=('Ariel','25'),

fg='green',command=self.mostraalunos)

self.botaook.place(relx=0.38,rely=0.65)

self.frame3 = Frame(master)

self.frame3.configure(relief=GROOVE)

self.frame3.configure(borderwidth="2")

self.frame3.place(relx=0.51,rely=0.31,relheight=0.69,relwidth=0.49)

self.mostra1 = Text(self.frame3,bg='azure',font=('Courier','20','bold'),fg='blue')

self.mostra1.place(relx=0.00,rely=0.0,relheight=1.0,relwidth=1.0)

#-----------------------------------------FUNÇÕES-----------------------------------------------------------#

def cadastraalunos(self):

nome=self.nome.get()

telefone=self.fone.get()

endereco=self.endereco.get()

matricula=self.matricula.get()

nota=self.nota.get(0.0, END)

try:

cur.execute("INSERT INTO alunos VALUES(?,?,?,?)",

(nome,telefone,endereco,matricula,nota))

except:

tkMessageBox.showinfo('Aviso!','Telefone ja cadastrado')

con.commit()

self.fone.delete(0,END)

def limpaalunos(self):

self.nome.delete(0,END)

self.fone.delete(0,END)

self.endereco.delete(0,END)

self.matricula.delete(END)

self.nota.delete(0.0,END)

def mostraalunos(self):

self.mostra1.delete(0.0,END)

fonec = self.fonec.get()

cur.execute("SELECT \* FROM alunos WHERE telefone = '%s'" %fonec)

consulta = cur.fetchall()

for i in consulta:

self.mostra1.insert(END,'''Nome:{}

End:{}

matricula:{}'''.format(i[0],i[2],i[3]))

SQLITE\_SELECT nota from alunos where matricula

#Função que aceita eventos do teclado, só chama a função mostraalunos quando a tecla Enter é pressionada

def mostraalunos\_a(self,event):

self.mostraalunos()

root = Tk()

root.title("Cadastro\_C")

root.geometry("1366x768")

main(root)

root.mainloop()