ONLINE PHARMACY MANAGEMENT

INPUT:

from tkinter import \*

from tkinter import messagebox

import os

f=open("database\_proj",'a+')

root = Tk()

root.title("Simple Pharmacy Managment System")

root.configure(width=1500,height=600,bg='BLACK')

var=-1

def additem():

global var

num\_lines = 0

with open("database\_proj", 'r') as f10:

for line in f10:

num\_lines += 1

var=num\_lines-1

e1= entry1.get()

e2=entry2.get()

e3=entry3.get()

e4=entry4.get()

e5=entry5.get()

f.write('{0} {1} {2} {3} {4}\n'.format(str(e1),e2,e3,str(e4),e5))

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

def deleteitem():

e1=entry1.get()

with open(r"database\_proj") as f, open(r"database\_proj1", "w") as working:

for line in f:

if str(e1) not in line:

working.write(line)

os.remove(r"database\_proj")

os.rename(r"database\_proj1", r"database\_proj")

f.close()

working.close()

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

def firstitem():

global var

var=0

f.seek(var)

c=f.readline()

v=list(c.split(" "))

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

entry1.insert(0,str(v[0]))

entry2.insert(0,str(v[1]))

entry3.insert(0,str(v[2]))

entry4.insert(0,str(v[3]))

entry5.insert(0,str(v[4]))

def nextitem():

global var

var = var + 1

f.seek(var)

try:

c=f.readlines()

xyz = c[var]

v = list(xyz.split(" "))

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

entry1.insert(0, str(v[0]))

entry2.insert(0, str(v[1]))

entry3.insert(0, str(v[2]))

entry4.insert(0, str(v[3]))

entry5.insert(0, str(v[4]))

except:

messagebox.showinfo("Title", "SORRY!...NO MORE RECORDS")

def previousitem():

global var

var=var-1

f.seek(var)

try:

z = f.readlines()

xyz=z[var]

v = list(xyz.split(" "))

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

entry1.insert(0, str(v[0]))

entry2.insert(0, str(v[1]))

entry3.insert(0, str(v[2]))

entry4.insert(0, str(v[3]))

entry5.insert(0, str(v[4]))

except:

messagebox.showinfo("Title", "SORRY!...NO MORE RECORDS")

def lastitem():

global var

f4=open("database\_proj",'r')

x=f4.read().splitlines()

last\_line= x[-1]

num\_lines = 0

with open("database\_proj", 'r') as f8:

for line in f8:

num\_lines += 1

var=num\_lines-1

print(last\_line)

try:

v = list(last\_line.split(" "))

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

entry1.insert(0, str(v[0]))

entry2.insert(0, str(v[1]))

entry3.insert(0, str(v[2]))

entry4.insert(0, str(v[3]))

entry5.insert(0, str(v[4]))

except:

messagebox.showinfo("Title", "SORRY!...NO MORE RECORDS")

def updateitem():

e1 = entry1.get()

e2 = entry2.get()

e3 = entry3.get()

e4 = entry4.get()

e5 = entry5.get()

with open(r"database\_proj") as f1, open(r"database\_proj1", "w") as working:

for line in f1:

if str(e1) not in line:

working.write(line)

else:

working.write('{0} {1} {2} {3} {4}'.format(str(e1), e2, e3, str(e4), e5))

os.remove(r"database\_proj")

#brought to you by code-projects.org

os.rename(r"database\_proj1", r"database\_proj")

def searchitem():

i=0

e11 = entry1.get()

with open(r"database\_proj") as working:

for line in working:

i=i+1

if str(e11) in line:

break

try:

v = list(line.split(" "))

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

entry1.insert(0, str(v[0]))

entry2.insert(0, str(v[1]))

entry3.insert(0, str(v[2]))

entry4.insert(0, str(v[3]))

entry5.insert(0, str(v[4]))

except:

messagebox.showinfo("Title", "error end of file")

working.close()

def clearitem():

entry1.delete(0, END)

entry2.delete(0, END)

entry3.delete(0, END)

entry4.delete(0, END)

entry5.delete(0, END)

#fn1353

label0= Label(root,text="PHARMACY MANAGEMENT SYSTEM ",bg="black",fg="white",font=("Times", 30))

label1=Label(root,text="ENTER ITEM NAME",bg="red",relief="ridge",fg="white",font=("Times", 12),width=25)

entry1=Entry(root , font=("Times", 12))

label2=Label(root, text="ENTER ITEM PRICE",bd="2",relief="ridge",height="1",bg="red",fg="white", font=("Times", 12),width=25)

entry2= Entry(root, font=("Times", 12))

label3=Label(root, text="ENTER ITEM QUANTITY",bd="2",relief="ridge",bg="red",fg="white", font=("Times", 12),width=25)

entry3= Entry(root, font=("Times", 12))

label4=Label(root, text="ENTER ITEM CATEGORY",bd="2",relief="ridge",bg="red",fg="white", font=("Times", 12),width=25)

entry4= Entry(root, font=("Times", 12))

label5=Label(root, text="ENTER ITEM DISCOUNT",bg="red",relief="ridge",fg="white", font=("Times", 12),width=25)

entry5= Entry(root, font=("Times", 12))

button1= Button(root, text="ADD ITEM", bg="white", fg="black", width=20, font=("Times", 12),command=additem)

button2= Button(root, text="DELETE ITEM", bg="white", fg="black", width =20, font=("Times", 12),command=deleteitem)

button3= Button(root, text="VIEW FIRST ITEM" , bg="white", fg="black", width =20, font=("Times", 12),command=firstitem)

button4= Button(root, text="VIEW NEXT ITEM" , bg="white", fg="black", width =20, font=("Times", 12), command=nextitem)

button5= Button(root, text="VIEW PREVIOUS ITEM", bg="white", fg="black", width =20, font=("Times", 12),command=previousitem)

button6= Button(root, text="VIEW LAST ITEM", bg="white", fg="black", width =20, font=("Times", 12),command=lastitem)

button7= Button(root, text="UPDATE ITEM", bg="white", fg="black", width =20, font=("Times", 12),command=updateitem)

button8= Button(root, text="SEARCH ITEM", bg="white", fg="black", width =20, font=("Times", 12),command=searchitem)

button9= Button(root, text="CLEAR SCREEN", bg="white", fg="black", width=20, font=("Times", 12),command=clearitem)

label0.grid(columnspan=6, padx=10, pady=10)

label1.grid(row=1,column=0, sticky=W, padx=10, pady=10)

label2.grid(row=2,column=0, sticky=W, padx=10, pady=10)

label3.grid(row=3,column=0, sticky=W, padx=10, pady=10)

label4.grid(row=4,column=0, sticky=W, padx=10, pady=10)

label5.grid(row=5,column=0, sticky=W, padx=10, pady=10)

entry1.grid(row=1,column=1, padx=40, pady=10)

entry2.grid(row=2,column=1, padx=10, pady=10)

entry3.grid(row=3,column=1, padx=10, pady=10)

entry4.grid(row=4,column=1, padx=10, pady=10)

entry5.grid(row=5,column=1, padx=10, pady=10)

button1.grid(row=1,column=4, padx=40, pady=10)

button2.grid(row=1,column=5, padx=40, pady=10)

button3.grid(row=2,column=4, padx=40, pady=10)

button4.grid(row=2,column=5, padx=40, pady=10)

button5.grid(row=3,column=4, padx=40, pady=10)

button6.grid(row=3,column=5, padx=40, pady=10)

button7.grid(row=4,column=4, padx=40, pady=10)

button8.grid(row=4,column=5, padx=40, pady=10)

button9.grid(row=5,column=5, padx=40, pady=10)

root.mainloop()