Inventory / app.py

from tkinter import \*

import tkinter.messagebox

from tkinter import Tk

from db import Database

import os

from db import \*

import functools

# Instanciate database object

db = Database(r'\\raspberrypi\share\jsj.db')

# \*\*\*\* Functions \*\*\*\*

def populate\_list():

parts\_list.delete(0, END)

for row in db.fetch():

parts\_list.insert(END, row)

def select\_item(event):

try:

global selected\_item

index = parts\_list.curselection()[0]

selected\_item = parts\_list.get(index)

print(selected\_item)

except IndexError:

pass

#Main Window

root = Tk()

root.title('JSJ Marketing by Group 10 - INVENTORY')

#Logo

logoPhoto = PhotoImage(file="ui/logoz.png")

logophotolabel = Label(root, image=logoPhoto)

logophotolabel.place(x=15, y=15, anchor=NW)

# \*\*\*\* Picture button. ADD TO CART. DELETE ITEM. PRINT ALL ITEM \*\*\*\*

photoref = PhotoImage(file="ui/refresh.png")

button\_1 = Button(root, image=photoref, relief="raised", bd="3", command=populate\_list)

button\_1.bind("<Button-1>", populate\_list)

button\_1.place(x=240, y=550)

refreshlabel = Label(root, text='REFRESH INVENTORY', font = ('Roboto',14))

refreshlabel.place(x=200, y=515)

"""TEXTS"""

item\_text = StringVar()

itemlabel = Label(root, text='ITEM')

itemlabel.place(x=120, y=120)

quantity\_text = StringVar()

quantitylabel = Label(root, text='QTY')

quantitylabel.place(x=200, y=120)

price\_text = StringVar()

pricelabel = Label(root, text='PRICE(₱)')

pricelabel.place(x=230, y=120)

weight\_text = StringVar()

weightlabel = Label(root, text='WEIGHT(g)')

weightlabel.place(x=310, y=120)

#Item List (Listbox)

parts\_list = Listbox(root, relief="raised", height=5, width=20, border=0, font = ('Roboto',30))

parts\_list.grid(padx=40, pady=138, columnspan=3, rowspan=6) #columnspan=3, rowspan=6, pady=10, padx=20)

parts\_list.bind('<<ListboxSelect>>', select\_item)

# Create scrollbar

scrollbar = Scrollbar(root, width=20, border=0)

scrollbar.place(x=509, y=280, anchor=W)

# Set scroll to listbox

parts\_list.configure(yscrollcommand=scrollbar.set)

scrollbar.configure(command=parts\_list.yview)

# Bind select

parts\_list.bind('<<ListboxSelect>>', select\_item)

populate\_list()

root.geometry('560x680+600+3') #Window size

root.mainloop()

Inventory / db.py

import sqlite3

class Database:

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

self.conn = sqlite3.connect(db)

self.cur = self.conn.cursor()

self.conn.commit()

def fetch(self):

self.cur.execute("SELECT \* FROM inventory")

rows = self.cur.fetchall()

return rows

def \_\_del\_\_(self):

self.conn.close()

db = Database(r'\\raspberrypi\share\jsj.db')