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from tkinter import *
import tkinter as tk
from tkinter import ttk
from tkinter import font
from tkinter import Label
from PIL import Image, ImageTk

# Initialize main window
top = tk.Tk()
top.geometry("400x500")
top.title("Restaurant Menu")

# Set background color for main window
top.configure(bg="#f8f9fa")  # Light gray background

# Create main frame
main_frame = Frame(top, bg="#f8f9fa")  # Match the frame background
main_frame.pack(pady=10)


# Title label
custom_font = font.Font(family="Algerian", size=25, weight="bold")
title_label = Label(main_frame, text=" Dine  Divine",
font=custom_font, bg="#f8f9fa", fg="crimson")  # Dark gray text
title_label.grid(row=0, column=1, pady=(0, 10))

# Create label with all text in red
custom_font1 = font.Font(family="Helvetica", size=18, slant="italic")
Label(main_frame, text="Come for a drink, stay for a meal",
font=custom_font1, bg="#f8f9fa", fg="red").grid(row=2, column=1,
padx=10, pady=5)

# Cart frame
cart_frame = Frame(main_frame, bg="#f8f9fa")
cart_frame.grid(row=5, column=1, pady=(10, 5))

Label(cart_frame, text="Cart:", bg="#f8f9fa",
fg="#343a40").grid(row=0, column=0, padx=10, pady=5)
cart_listbox = Listbox(cart_frame, width=50, height=8)
cart_listbox.grid(row=1, columnspan=2, padx=10)

# Total price label
total_price = 0
total_price_label = Label(main_frame, text="Total Price: Rs.0",
bg="#f8f9fa", fg="#343a40")
total_price_label.grid(row=6, columnspan=2, pady=5)

# Initialize cart items
cart_items = []
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# Function to add item to the cart and update total price
def add_to_cart(item, price):
    global total_price
    if item and item not in cart_items:
        cart_items.append((item, price))
        cart_listbox.insert(tk.END, f"{item} - Rs.{price}")
        total_price += price
        total_price_label.config(text=f"Total Price: Rs.
{total_price}")

# Frame for buttons
button_frame = Frame(main_frame, bg="#f8f9fa")
button_frame.grid(row=7, columnspan=2, pady=(10, 0))

# Function to create new windows for menu items
def create_menu_window(title, items):
    new_window = Toplevel(top)
    new_window.geometry("300x300")
    Label(new_window, text=title).pack(pady=10)

    formatted_items = [f"{name} - Rs.{price}" for name, price in
items.items()]
    combobox = ttk.Combobox(new_window, values=formatted_items)
    combobox.pack(pady=10)

    # Button to add selected item
    def add_item():
        selected_item = combobox.get()
        item_name = selected_item.split(' - ')[0]
        add_to_cart(item_name, items[item_name])

    add_button = tk.Button(new_window, text="Add to Cart",
command=add_item, bg="#28a745", fg="white")  # Green button
    add_button.pack(pady=10)

# Create buttons for menu categories with background color
vegetarian_items = {
    "Paneer Butter Masala": 190,
    "Palak Paneer": 200,
    "Dal Makhani": 150,
    "Aloo Gobi": 140,
    "Vegetable Biryani": 210,
    "Malai Kofta": 220
}

nonveg_items = {
    "Chicken Biryani": 220,
    "Kaadai Biryani": 250,
    "Al Faham Chicken": 720,
    "Fish Biryani": 170,
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    "Hyd Chicken Dum Biryani": 250,
    "BBQ Chicken": 500
}

drinks_items = {
    "Coca Cola": 20,
    "Pepsi": 20,
    "Sprite": 20,
    "Fanta": 20,
    "Appy Fizz": 20,
    "Limca": 20,
    "Frooti": 20,
    "Maaza": 20,
    "Mountain Dew": 20,
    "7Up": 20,
    "Thumbs Up": 20
}

pastries_items = {
    "Cheese Cake": 200,
    "Blueberry Cake": 150,
    "Milk Peda": 150,
    "Donut": 120,
    "Apricot Danish": 250,
    "Rocky Road Cups": 160,
    "Chocolate Tarts": 90,
    "Honey Cake": 80,
    "Croissant": 100,
    "Macaron": 110
}

Button(button_frame, text="Vegetarian", command=lambda:
create_menu_window("VEG FOOD ITEMS", vegetarian_items), bg="#007bff",
fg="white").grid(row=0, column=0, padx=5, pady=5)
Button(button_frame, text="Non-Vegetarian", command=lambda:
create_menu_window("NON-VEG FOOD ITEMS", nonveg_items), bg="#007bff",
fg="white").grid(row=0, column=1, padx=5, pady=5)
Button(button_frame, text="Drinks", command=lambda:
create_menu_window("SOFT DRINKS", drinks_items), bg="#007bff",
fg="white").grid(row=1, column=0, padx=5, pady=5)
Button(button_frame, text="Pastries", command=lambda:
create_menu_window("PASTRY", pastries_items), bg="#007bff",
fg="white").grid(row=1, column=1, padx=5, pady=5)

# Function to handle transactions
def show_transaction_window():
    transaction_window = tk.Toplevel(top)
    transaction_window.geometry("300x300")
    transaction_window.title("Payment Options")
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    Label(transaction_window, text="Select Payment
Method:").pack(pady=10)

    def process_payment(method):
        total_amount = f"Total Amount: Rs.{total_price}\nPayment
Method: {method}"
        Label(transaction_window, text=total_amount, pady=10).pack()

        # If Digital Wallet is selected, display the image
        if method == "Digital Wallet":
            # Load and display the image
            img = Image.open("code.jpg")  # Open the image with Pillow
            wallet_image = ImageTk.PhotoImage(img)  # Convert to
PhotoImage

            label = Label(transaction_window, image=wallet_image)
            label.image = wallet_image  # Keep a reference to avoid
garbage collection
            label.pack()


    Button(transaction_window, text="Cash", command=lambda:
process_payment("Cash"), bg="#28a745", fg="white").pack(pady=5)
    Button(transaction_window, text="Credit Card", command=lambda:
process_payment("Credit Card"), bg="#28a745", fg="white").pack(pady=5)
    Button(transaction_window, text="Digital Wallet", command=lambda:
process_payment("Digital Wallet"), bg="#28a745",
fg="white").pack(pady=5)

# Add Transaction button
Button(main_frame, text="Transaction",
command=show_transaction_window, bg="#28a745", fg="white").grid(row=8,
columnspan=2, pady=10)

top.mainloop()
```