User Manual for Drip n' Sip Coffee Ordering System

**Overview**

The Drip n' Sip Coffee Ordering System is a graphical application built using Python and tkinter. It allows users to select a coffee type, customize it (size, milk, sweetener), and place an order via an interactive interface.

**Prerequisites**

Ensure the following are installed on your computer:

- Python 3.x

- Pillow library for image support

Install it using:

pip install Pillow

**Project Files Required**

Download zip file and extract the contents

Ensure your project folder contains:

File:

* Dip\_n\_sip # Main application script

Images:

* coffee1.png #Welcome screen coffee image
* coffee2.png #Order screen image

**How to Run the App**

**\*\* If you have an IDE and file manager you can skip to step 4**

1. Open a terminal or command prompt on your device.

2. Navigate to the folder where coffee\_app.py is located.

3. Run the following command: python dip\_n\_sip.py.

4. Open your IDE. Search for the file location and open the python dip\_n\_sip.py

**Navigation Guide**

1.Welcome Screen

Shows a welcome message and an image of a coffee cup (if available).

- Buttons:

- Order Here: Proceed to place an order.

- Exit: Close the application.

2. Coffee Selection Window

- Title: "Choose Your Coffee"

- Displays a second image (coffee beans).

- Options:

- Select your desired coffee type from options like Espresso, Latte, Cold Brew, etc.

- Buttons:

- Next: Continue to customization screen.

- Back: Return to the welcome screen.

3. Customization Screen

Customize your coffee with the following options:

- Size: Expresso (2oz), Café (4oz), Small (8oz), Medium (12oz), Large (16oz)

- Milk Type: None, Whole, Skim, Almond, Soy

- Sweetener: None, Sugar, Whipped Cream, Honey, Stevia, Syrup Flavors

Buttons:

- See Summary: Review your customized order.

- Back: Return to coffee selection screen.

4. Order Summary

- Displays your selected:

- Coffee Type

- Size

- Milk

- Sweetener

- Total Price (based on size)

Buttons:

- Place Order: Finalize and confirm order

- Back: Return to customization to make changes.

5. Order Confirmation

A pop-up window will display:

Order Placed

Thank you for your order!

The ordering window will close automatically.

**Notes**

- If any image file is missing, the app will show fallback text instead of crashing.

- If the user skips any option during customization, the app will show an error and prevent continuation.

- Prices are pre-set in the app and only depend on the size selected.

**Exiting the App**

From the welcome screen, click the Exit button. A confirmation prompt will ask:

Are you sure you want to exit?

Select Yes to close the app.