# Introduction:

Welcome to Study Buddy! Study Buddy is a simple yet effective tkinter application designed to help you manage your study sessions and breaks more efficiently.

# Getting Started:

**System Requirements:**

**Operating System: Windows. macOS, Linux**

**Python version 3.1.2 or higher**

**Tkinter library installed**

**Installation:**

1. **Download the Study Buddy application from the provided link.**
2. **Extract the downloaded zip file to your desired location.**
3. **Navigate to the extracted folder.**
4. **Run the application.**

**Launching the Application:**

**Once the application is launched, you will be present with the main window containing the Study Buddy interface.**

# **User Interface Overview:**

The Study Buddy interface consists of the following components:

* Timer display: Shows the current countdown timer for the session or break.
* Session Length: Input box to enter the duration of the study session (1-60 minutes).
* Break Length: Input box to enter the duration of the break (1-60 minutes).
* Start Timer: Button to start the countdown timer.
* Pause Timer: Button to pause the countdown timer.
* Clear: Button to clear the input boxes and reset the timer.

# Using the Application:

**Setting Session and Break Lengths:**

1. **Enter the desired duration for the study session in the “Session Length” input box.**
2. **Enter the desired duration for the break session in the “Break Length” input box.**

**Starting the Timer:**

1. **Click on the “Start Timer” button to begin the countdown timer.**
2. **The timer will display the remaining time for the session.**
3. **Once the session is complete, the timer will automatically switch to the break duration.**

**Pausing the Timer:**

1. **Click on the “Pause Timer” button to pause the countdown timer.**
2. **Click on the “Pause Timer” button again to continue counting down.**

**Clearing Inputs:**

1. **Click on the “Clear” button to reset the input boxes and timer display.**

# **Troubleshooting:**

**Timer Not Starting:**

* **Ensure that valid durations are entered in the session and break length input boxes.**
* **Check that the “Start Timer” button is clicked after entering durations.**

**Timer not Pausing:**

* **Make sure to click the “Pause Timer” button once to pause the timer.**