**PassGen Master User Manual**

**Introduction**

Welcome to PassGen Master, a password generation tool designed to create strong and secure passwords. This user manual provides guidance on using the application effectively.

**1. Getting Started**

**1.1. Installation**

No installation is required for PassGen Master. Simply run the provided Python script to launch the application. \*MAKE SURE PYPERCLIP AND PILLOW ARE INSTALLED TO RUN THE PROGRAM\*

**Launching the Application**

Execute the script, and the PassGen Master window will appear.

**2. Generating Passwords**

**2.1. Setting Password Length**

* Locate the "Password Length" field.
* Enter the desired length for the generated password.

**2.2. Including Uppercase, Digits, and Special Characters**

* Check the corresponding checkboxes to include uppercase letters, digits, and special characters in the password.

**2.3. Generating Password**

* Click the "Generate Password" button to create a new password based on the specified criteria.

**3. Password Strength Meter**

**3.1. Understanding Password Strength**

* The "Password Strength" label indicates the strength of the generated password as a percentage.

**3.2. Password Strength Progress bar**

* The progress bar provides a visual representation of the password strength.

**4. Managing Passwords**

**4.1. Copying to Clipboard**

* Click the "Copy to Clipboard" button to copy the generated password to your clipboard.

**4.2. Clearing Displayed Password**

* Use the "Clear" button to remove the currently displayed password.

**5. Password History**

**5.1. Viewing Password History**

* Click the "Password History" button to open a second window displaying the history of generated passwords.

**5.2. Copying from Password History**

* Select a password from the history list and click "Copy to Clipboard" to copy it to your clipboard.

Thank you for using PassGen Master, we appreciate your business!