User Manual

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# System Requirements

## Operating System:

* Windows 10

## Programming Language

* Python 3.9.0

## Python Modules required

Cryptography TKInter

OS Shutil

Logging Platform

Subprocess Register

HashLib Json

Fernet

# Installation Instructions

Make sure all the requirements above are met, and that all the Python Modules that are required are also installed.

Th next step will be to download the application files into the desired destination. Once the main application files are downloaded you can simply go to that location and run the application.

# System Usage

## Register

When the application is first loaded you will be brought to a registration page. Once here you will register, and it will create an account for the application on your local device. You will require a registered account to be able to access the functions of the application. (See **Appendix A, Appendix B, Appendix C**)

## Login

Once you have registered or if you already have a registered account, you can click the login button and will be brought to the login page. The next step is to use your login details to gain access to the application. (See **Appendix D, Appendix E**)

## Open a File

The open file button will allow you to open any file on the device. This button will open the local file explorer. (See **Appendix F, Appendix G**)

## Copy a directory

The copy directory button allows you to go into file explorer and choose which directory you wish to work on and copies it to another location for testing. (See **Appendix G, Appendix H**)

## Hash Feature

This feature allows you to get a hash of a file, this can be used to test if a file has been edited as the hashes will not be the same. (See **Appendix I**)

## Logging

The logging feature will record the time an individual logs in, and it will also record which features they use. This is to record the time of events. These logs will be stored in a folder on your device for access later by an admin. (See **Appendix J**)

## Hashing

The Hashing Feature will encrypt a file and create a key which can be used to then decrypt the file. (See **Appendix K, Appendix L**)

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# Appendix

**Appendix A**

Graphical user interface, text, application

Description automatically generated

**Appendix B**

Text

Description automatically generated

**Appendix C**

Text

Description automatically generated

**Appendix D**

Text

Description automatically generated

**Appendix E**

Graphical user interface, text, application

Description automatically generated

**Appendix F**

Text

Description automatically generated

**Appendix G**

Graphical user interface, text, application, Teams

Description automatically generated

**Appendix H**

Text

Description automatically generated

**Appendix I**

Text

Description automatically generated

**Appendix J**

Text

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**Appendix K**

Text

Description automatically generated

**Appendix L**

Text

Description automatically generated