

# DESIGN DOCUMENT

## Password Generator and Decoder using Steganography

### Description:

**Steganography** is the technique of hiding data within an ordinary, non secret file or message to avoid detection, applying steganography is one way of securing passwords. Keeping a memo of which password goes to which account is difficult, especially the more accounts you have. This project helps alleviate the hassle by “hiding in plain sight”. The idea is this will have your images (memes as mine) as passwords, you can share the images if you like and tell people that that is your password but they don’t have the algorithm that will decode your password.

### Features:

#### **main.py**

- - insert photo here - -

Main file of this project this will run all necessary modules

#### **image\_converter.py**

- - insert photo here - -

As the name suggests, an image converter

#### **decoder.py**

- - insert photo here - -

Decodes the hidden message within your image

# Development Timeline

ITEM	STATUS	DUE DATE	NOTE
main.py	In Progress ▾	Jul 14, 2024	
image_converter.py	Completed ▾	Jul 14, 2024	
decoder.py	Not Started ▾	Jul 14, 2024	