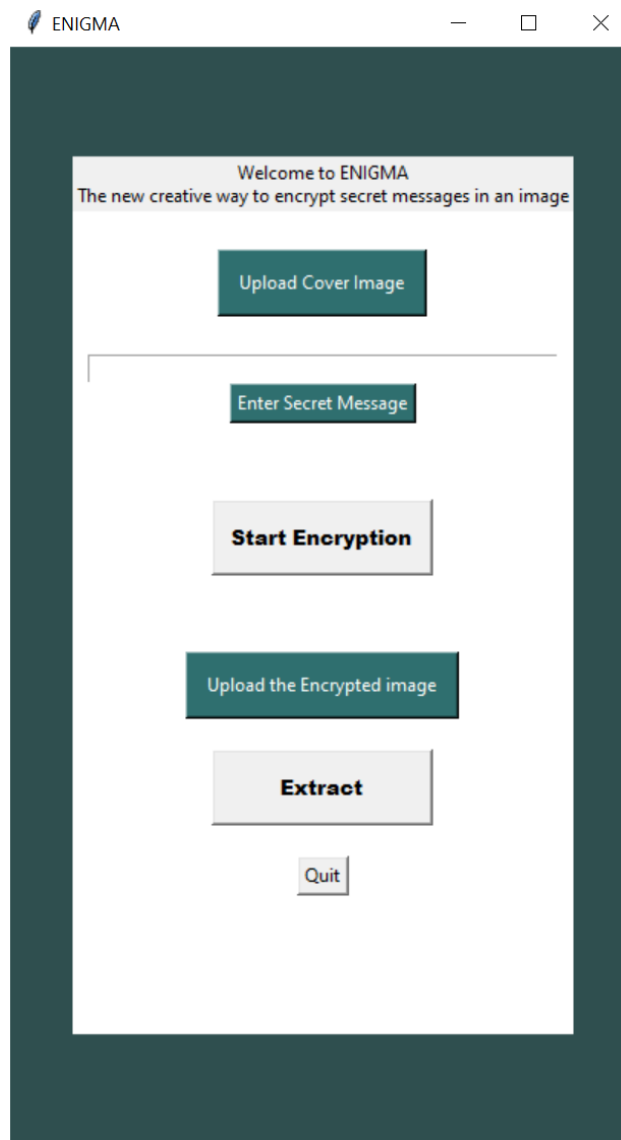


ENIGMA Manual

Project by: *Ohad Mavdali & Dotan Gotshtein*

1. Open the project folder in PyCharm with interpreter: Python 3.8
2. Run App.py

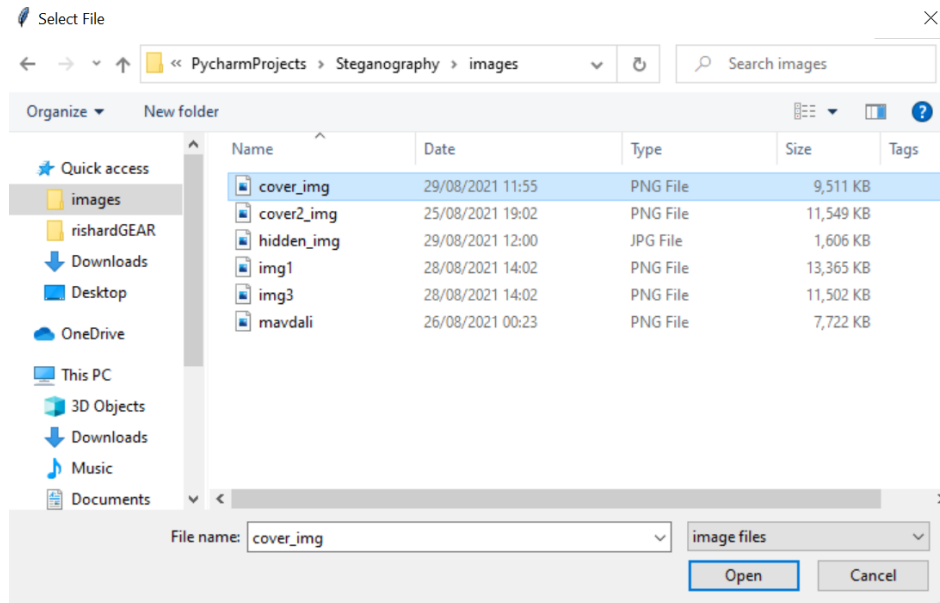
This will run the GUI:



Encryption

3. Click 'Upload Cover Image' and select a PNG image

Recommendation: High Resolution image – 2K (2048 × 1080) / 4K (3840 × 2160)



4. Write your message and click 'Enter Secret Message':

Welcome to ENIGMA
The new creative way to encrypt secret messages in an image

Upload Cover Image

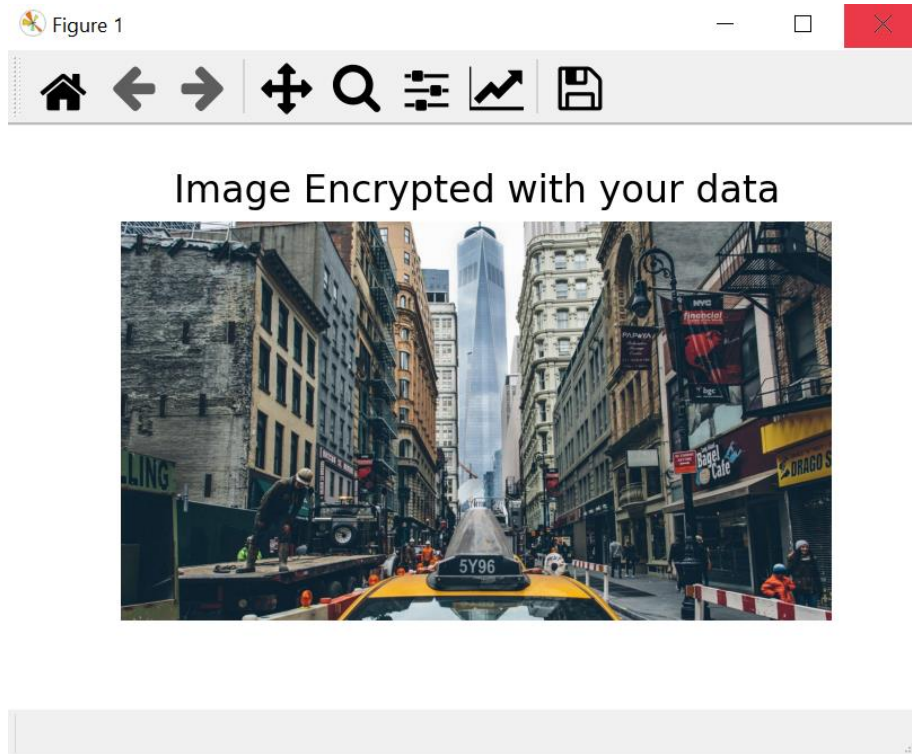
Input your message HERE

Enter Secret Message

Start Encryption

5. Click 'Start Encryption'

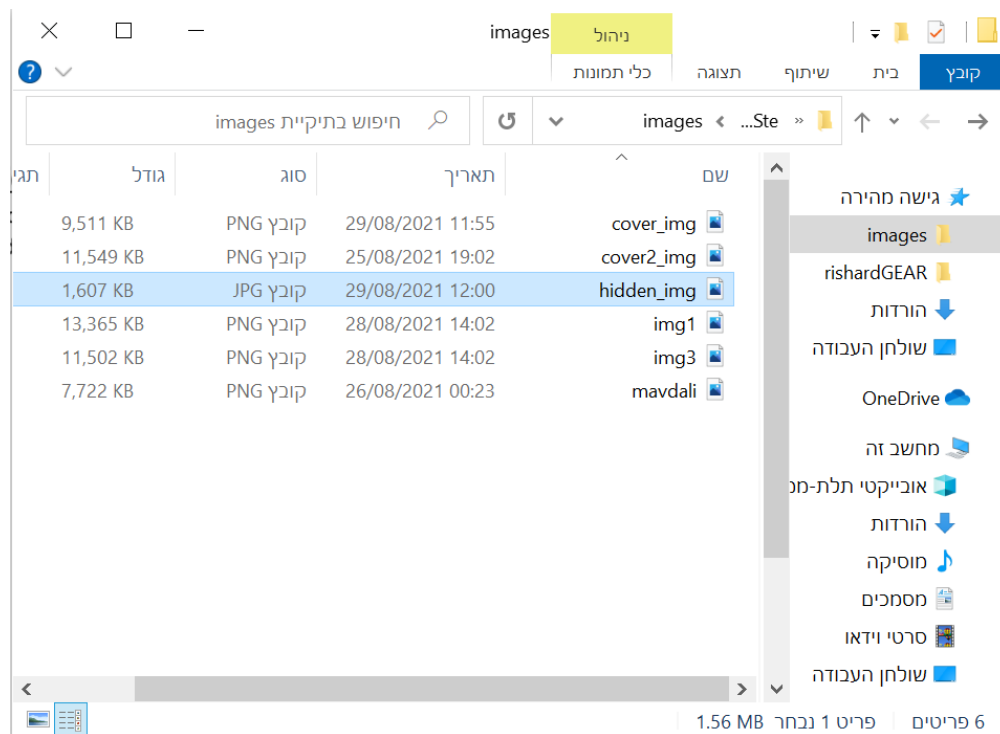
6. Wait until the Encrypted image pops-out
7. Click X to exit the image pop-out window



The Encrypted & Compressed image will be saved in 'images' folder of the project by the name: 'hidden_image.jpg'

Extraction

8. Click 'Upload the Encrypted image' and select the Encrypted image



9. Click 'Extract'

10. When Extraction process completes, the Secret will be displayed:

