

Functional Requirements

- User interface must act with images
 - 3 Images:
 - Labels
 - Different formats of images (.jpeg, .png, .exif, jfif, .jpe)
 - Cover Image:
 - load
 - save
 - clear current image
 - extract from composite image

Secret Image:

- load
- save
- clear current image
- extract from composite image
- translate to and from text
- black and white only

Composite Image:

- load
- save
- clear current image
- compose from cover image and secret image
- both cover image and secret image must be present

Secret image and cover image must have the exact same dimensions

User interface must implement 1 editable text field

Save

Load

Obtain from secret image

Convert to secret image

Only able to convert when a cover image is present.

Text is truncated if image is smaller than bits of text when converted.

Text will be padded with 0's if text is smaller than image.

Misc. Controls:

A clear all button to clear all images and the text box.

Non-functional Requirements

- Project must be deployed using JavaFX
- Project must implement an interactive GUI
- All pictures are presented on one window.
- Error Handling:
 - A helpful explanation of the error