**Steganography Project Design**

Linden Crandall, Jonathan Mainhart, Zhihua Zheng

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Prof. Majid Shaalan

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# Overview

Steganography is the practice of hiding secret information inside of something that is not secret. There are many applications of digital steganography, but one of the most common implementations is the practice of embedding a secret message within an image file. Steganosaurus is an image-based digital steganography application written in the Python language. The app allows users to retireve, decode, read, create, and encode secret messges to and from images chosen by the user. The result of an encoded image is a seemingly exact replica of the orginial image, yet the difference lies within the pixel data of the encoded image where the secret messge is hidden, which is exactly how steganography is supposed to work. The purpose of this software is to allow users to have fun and experience how steganography works in a user-friendly way that anyone can enjoy.

Individual Contributions:

Linden Crandall - File I/O for implemennting save filechooser, User’s Guide, Phase II assignment, general documentation and app testing.

Jonathan Mainhart -

Zhihua Zheng -

# Project Plan

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# Requirements Specification

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# User Guide

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# Test Plan and Results

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**Table 1:**  
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Figure 1*. Place holder*

# Design and Alternate Designs

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# Development History

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# Conclusion

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## Lesson’s Learned

Video provides a powerful way to help you prove your point. When you click Online Video, you can paste in the embed code for the video you want to add. You can also type a keyword to search online for the video that best fits your document.

## Design Strengths

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## Design Limitations

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## Future Improvements

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Themes and styles also help keep your document coordinated. When you click Design and choose a new Theme, the pictures, charts, and SmartArt graphics change to match your new theme. When you apply styles, your headings change to match the new theme.