Abstract

Steganography is a science or art to communicate where the message that want to communicate is a secret. There are a lot of media that can be used to do a steganography, one of them is text. Text document is a kins of document that commonly used and transferred via network or Internet so this type of media is proper to be used as a host file for steganography.

In this final project, we do a steganography in text file (Word file) using Color Quantization method. The data that would be embedded is a text or furtherly we called secret text. After encoding process is done the output is a stego file. This stego file is sent to receiver then the receiver will decode it to get bthe secret text.

From this method, we will analyse the robustness to text processing, imperceptibility that would be measured with subjective scoring (quizioner), and payload/embedding rate.

Keyword*: text steganography, Color Quantization, encoding, decoding.*