

# **Activity Log**

Ng Wei Shyang

15033996

BSc (Hons) in Computer Science

Sunway University

## **Initial Project Plans**

The topic of this project is steganography. Steganography is a technique of concealing a message, can be file, image, video, etc in another file, message, image or video, etc.

The purpose of this project is to research of the current existing steganography method, and improve the algorithm. Improved steganography will result in higher difficulty in retrieving the data for non-designated person. There are various existing steganography algorithm, while some are simpler, meanwhile some are more sophisticated. For more sophisticated steganography algorithm, some are harder to detect, meanwhile some are almost impossible to retrieve the data for one who are not designated to the secret message.

Initially, the projects had yet decide on what steganography particularly this project will focuses on. The decision on steganography focus will comes later after more literature review and deeper understanding.

Initial timeline are included in the last page of this document.

These discussions goes within the first 2 meeting with supervisor, and is mutually agreed upon both parties.

## **Related work/ annotated bibliography**

The main source of literature for literature review are from IEEE database. These are getting from the search result of Google Scholar. Another source of literature review is Springer database. The search term used here is "steganography", "h.264", and combination with other more specific keyword.

Analysis of selected work and literature are in planning document literature review. The finding and implication of literature review to the projects is H.264 codec process and element, and various steganography method.

Literature review are discussed with supervisor at third meeting, and his opinion on the literature review is the format used, and request to change from 2 column to 1 column format.

## **Project revision**

Detail of proposed steganography algorithm pair are discussed in plannin document. The steganography algorithm are reviewed by supervisor. No test and validation are carried out to ensure the steganography algorithm is correct because it required implementation and testing on the algorithm, which are bound with time constraint. The review of proposed steganography algorithm pair are in the last meeting with supervisor.

## SUPERVISION MEETING RECORD

Date: 3 April 2018

Time: 1000 - 1100

Student: Hg Wei Shyang

Supervisor: Mr. Vahab Iranmanesh

Updates from the previous meeting:

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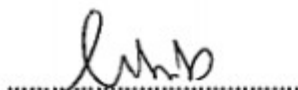
Items discussed this meeting:

First meeting. ~~Discuss~~ Discuss about Steganography FYP

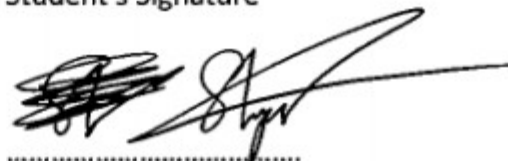
Work for the coming meeting:

Test Implementation of Steganography

Supervisor's Signature



Student's Signature



## SUPERVISION MEETING RECORD

Date: 6 April 2018

Time: 1000 - 1100

Student: Ng We Sheng

Supervisor:

Updates from the previous meeting:

Test implementation of steganography

Items discussed this meeting:

Signing SAF

~~SAF~~ Steganography general plan

Literature Review

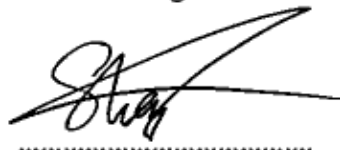
Work for the coming meeting:

- work on literature review

Supervisor's Signature



Student's Signature



## SUPERVISION MEETING RECORD

Date: 25 April 2018

Time: 1200 - 1300

Student: Mgh wt: Shynj

Supervisor: Mr. Vahab Iranmanesh

Updates from the previous meeting:

Sketch literature review

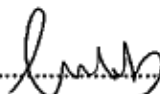
Items discussed this meeting:

Feedback for literature review

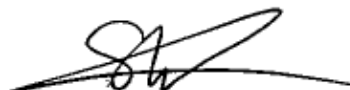
Work for the coming meeting:

- the template should be followed by university template
- change template

Supervisor's Signature

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Student's Signature

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## SUPERVISION MEETING RECORD

Date: 4 July

Time: 1200 - 1300

Student: Ng Wei Shyang

Supervisor: Mr. Vahab Iranmanesh

### Updates from the previous meeting:

Planning Document

### Items discussed this meeting:

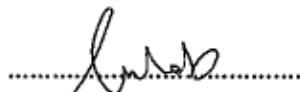
Discuss about literature review

Discuss about Technical Plan

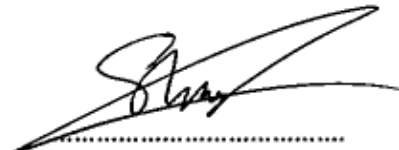
### Work for the coming meeting:

- look for threshold value & how (which technique can be used for it.

Supervisor's Signature



Student's Signature



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