

## SUPERVISION AGREEMENT FORM

The purpose of this agreement is to ensure that both the supervisor and student understand their roles and responsibilities to be upheld by either party during the supervision relationship throughout the duration of the Capstone Project (SEG3104) module. Both the primary supervisor and supervisee(student) shall complete, review and sign this agreement **prior to** the commencement of the project.

The item marked [\*] is only applicable for students who propose their own topic. If it is discovered that the topic belongs to another academic staff, the project title will be rejected and student will not be allowed to proceed with the proposed project.

Student Name : Ng Wei Shyang Student ID: 15033996  
 Supervisor Name : Vahab Iranmanesh

Course:

☒ BCS ☐ BIT ☐ BIS ☐ BCNS ☐ BSBA ☐ BMCE ☐ BSE ☐ DIT

Project Title: Steganography

Supervisee:

- ☐ [\*] The proposed topic is a topic of my own and is not taken from other academic staff in the department.
- ☒ I promise to dedicate the necessary time and effort to complete this project by allocating 5 hours per week to working on the project.
- ☒ I agree to submit all materials that requires oral/written feedback no later than 5 days before a deadline. Failure to do so will release my supervisor from the duty of providing timely feedback within the agreed turn-around time.
- ☒ I have reviewed and agree to the expected grades and deliverables set out by my supervisor in the Expected Grades and Accomplishments Form.

Supervisor:

- ☒ I have reviewed the supervisee's initial plan on executing the project, acknowledge that the student has the required skill set for the project and agree to supervise the student to the best of my capability.
- ☒ I agree to meet the supervisee 1-2 times a week/month for a supervision meeting, at a time convenient to both parties.
- ☒ I agree to provide feedback and constructive comments within a reasonable, agreed time frame provided that the work to be reviewed is submitted 5 days before the deadline.

## SCHOOL OF SCIENCE AND TECHNOLOGY

### Submission Checklist:

- ☒ Completed Initial Plan Template (prepared by student)
- ☒ Completed Expected Grades and Accomplishments Form (prepared by supervisor)
- ☒ Completed Supervisor Agreement Form (completed by both)

### SUPERVISEE'S SIGNATURE

*I understand and will comply with the terms and conditions of this agreement. I will cooperate with my supervisor(s) to ensure that conditions of the supervision are fulfilled and will provide my supervisor(s) with all information necessary to supervise me on matters related to the module. All of the foregoing is true, complete, and correct.*

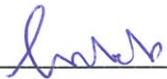
Name: Ng Wei Shyang

Signature:  Date: 5-4-2018

### SUPERVISOR'S SIGNATURE

*I understand and accept this agreement, including, but not limited to, my duties and responsibilities as a supervisor to the aforementioned student. All the foregoing is true, complete, and correct.*

Name: VAHAB IRANMAFROU

Signature:  Date: 5 April 2018

## SCHOOL OF SCIENCE AND TECHNOLOGY

### Expected Grades and Accomplishments Form

The grades shown are for work that has been completed with proper documentation and defensible during the viva. Failure to defend the work during the viva will and can result in **NO** marks awarded for the related assessed components.

Expected grade	Accomplishments
A	1- to design proposed strategy 2- to Implement ~ ~ 3- to test/validate ~ ~ 4- to write the report using provided template
B	1- to do 1. 2- to do 2 3- to do 3. 4
C	1- to do 1. 2- to do 2.
D	1- to do 1.

## Project: Initial Research Guide

Components	Description/Guide
1. Project Title (10 words or less)	1. Steganography
2. Project description	1. Steganography is a technique of concealing a message, can be file, image, video, etc in another file, message, image or video, etc
3. Project purpose	<ol style="list-style-type: none"><li>1. Research of the current existing steganography method, and improve the algorithm.</li><li>2. Improved steganography will result in higher difficulty in retrieving the data for non-designated person</li></ol> <p>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.</p>
4. Project scope <ol style="list-style-type: none"><li>a) Coverage description</li><li>b) Requirements</li></ol>	<ol style="list-style-type: none"><li>1. Research of the current existing steganography method for the choosen file type (.xlsx, .pptx, .docs, .ods, .odt, etc)</li><li>2. Suggest new steganography algorithm to improve the existing algorithm and implementation</li></ol>
5. List of activities, milestones, timeframe	1. Refer to below table

[illegible]