

## CS 3IS3 Fall 2007

### Research and Presentation Project

100 pts.

Instructor: William M. Farmer

Revised: 17 October 2007

The purpose of this project is to investigate a topic in information security and then present the topic to the class and the instructor. The project will consist of three parts:

1. A proposal for what topic to investigate.
2. A 10-minute oral presentation of the topic.
3. A wiki page presentation of the topic.

**Proposal.** The proposal is a paper of exactly one page (12 pt. font, single spaced, 1.5 in. left and right margins, 1 in. top and bottom margins) containing the following information:

1. A heading consisting of the title of the project, the name of the researcher, the course title “CS 3IS3 Fall 2007”, and the date of the last revision.
2. A section entitled “Objective” which states the topic you would like to investigate.
3. A section entitled “Approach” which describes how your investigation will be carried out and what products (e.g., the oral presentation and the wiki page) you will produce.
4. A section entitled “Impact” which states what benefits (e.g., to you, the class, and instructor) are expected to result from the project.

The proposal is worth 20 points. **It must be submitted to the instructor no later than 10:30 (the beginning of class) on Friday, November 2.**

**Oral Presentation.** The oral presentation should be no longer than 10 minutes including questions and discussion. Pretend that your presentation is part of a job interview. Dress appropriately. You may use the blackboard, the overhead projector, or the data projector. Be prepared to answer any questions asked by the instructor and the members of the class. The presentation is worth 40 points (8 for command of the subject, 8 for organization and balance, 8 for use of visual aids, 8 for rapport with audience, and 8 for overall effectiveness). **You will be expected to give your presentation sometime during November 19–30.**

**Wiki Page.** The wiki page presentation is a page to be added to the Computing and Software Wiki at

<http://www.cas.mcmaster.ca/wiki/>.

It should be a creative, informative, interesting, and concise presentation of your research results—something a busy, technically savvy person would want to read. Model your wiki page on a Wikipedia page. It should contain the following components:

1. The title of your topic. The title should be as short as possible.
2. An untitled introductory section that gives an overview of the topic. This is the most important component of the wiki page.
3. An image related to your topic.
4. A “Contents” section that lists the rest of the components of the page.
5. Other sections that expand upon the information given in the introductory section.
6. A “References” section consisting of a numbered list of relevant books and articles.
7. A “See also” section with internal links to your fellow students’ wiki pages.
8. An “External links” section with external links to other web sites.
9. Your time-stamped signature at the bottom of the page.

The intended audience for the wiki page should be McMaster software engineering students; basic knowledge about information security learned in class may be assumed. All sources of information used in the paper must be clearly and accurately referenced. You may use three kinds of references:

1. An internal link to other Computing and Software Wiki pages.
2. An external link to a page on another web site.
3. A reference like “[12]” or “[12,15]” to the references listed in the “References” section.

Plagiarism will be treated as academic dishonesty.

See the wiki tutorial at

`.../CS-3IS3-07/project/wiki-tutorial.pdf`

on the CS 3IS3 Fall 2007 web site for instructions on how to use the Computing and Software Wiki.

The wiki page is worth 40 points (8 for command of the subject, 8 for organization and balance, 8 for appearance and readability, 8 for links and references, and 8 for overall effectiveness). **A completed first draft must be posted on the Computing and Software Wiki on Sunday, December 2 no later than 23:59. The final draft must be posted on Sunday, December 9 no later than 23:59.** Between the submissions of the first and final draft you should be reading the other wiki pages and making appropriate internal links to them in your page.

You are not allowed to modify other students’ wiki pages during December 2–9. You may freely modify them before December 2 or after December 9.