SE 4C03 Winter 2002

Research and Presentation Project (100 pts.)

Instructor: William M. Farmer

Revised: 22 January 2002

The purpose of the research and presentation project is to investigate a new networking or information security technology and then present the technology to the class and the instructor. The technology can be hardware, software, or theory.

The project will consist of two parts:

1. A proposal for what technology to investigate.

2. A Web page presentation of the technology.

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. The title of the project.

2. The name of the researcher.

3. The date.

4. A section entitled "Objective" which states the technology you would like to investigate.

5. A section entitled "Approach" which describes how your investigation will be carried out and what products (e.g., the Web page presentation) you will produce.

6. 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 and must be submitted to the instructor **no later than Monday, February 25**.

The Web page presentation is a single HTML file which will be posted at

```
http://www.cas.mcmaster.ca/~wmfarmer/SE-4C03-02/projects/
```

It should be a creative presentation of the student's research results and should include the following information:

1. The title of the project.

2. The name of the researcher.

3. The course title "SE 4C03 Winter 2002".

4. The date of the last revision.

5. Links to relevant information and related technology.

There is no limit on the size of the Web page, but points will be taken off for verbosity. The class is the intended audience; knowledge about networking and information security learned in class may be assumed. All sources of information used in the presentation must be clearly and accurately referenced. Plagiarism will be treated as academic dishonesty.

The Web page presentation is worth 80 points. The first 50 points will awarded by the instructor (10 for command of the subject, 10 for organization and succinctness, 10 for appearance and use of language, 10 for references, and 10 for overall effectiveness). The second 30 points will be awarded on the basis of an assessment made by the members of the class. The HTML file must be submitted via e-mail **on Monday, March 25** to Kevin Lou at `loug@mcmaster.ca`.