SE 4C03 Winter 2003

Research and Presentation Project (100 pts.)

Instructor: William M. Farmer

Revised: 04 February 2003

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 highly concise written 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 written 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 9:30 (the beginning of class) on Tuesday, March 4**.

The written presentation is a two-page paper (12 pt. font, single spaced, 1.5 in. left and right margins, 1 in. top and bottom margins). The paper should be a creative, informative, interesting, and concise presentation of the student's research results—something a busy, technically savy person would want to read. It should include the following information:

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1. The title of the project.

2. The name of the researcher.

3. The course title "SE 4C03 Winter 2003".

4. The date of the last revision.

5. References to relevant information and related technology.

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 paper must be clearly and accurately referenced. Plagiarism will be treated as academic dishonesty.

A printed copy of the paper must be submitted to the instructor for preliminary review **no later than 9:30 (the beginning of class) on Friday, March 28**. A revised printed copy of the paper must be submitted to the instructor **no later than 9:30 (the beginning of class) on Friday, April 4**.

A copy of the paper in PDF format must be submitted via e-mail to Angle Wu at `wuq2@mcmaster.ca` **no later than midnight on Friday, April 4**. The PDF copy will be posted at

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http://www.cas.mcmaster.ca/~wmfarmer/SE-4C03-03/projects/
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The paper is worth 80 points. The points will be awarded according to the following scheme: 20 for command of the subject and references, 20 for organization and conciseness, 20 for appearance and readability, and 20 for overall effectiveness). Recognition will be given to the ten best papers on the basis of an assessment made by the members of the class.