

CS 6WW3 Winter 2014

Project Presentation and Paper Guidelines

Final Paper Due: April 17, 2014, 5:00pm (by email to the instructor)

March 2, 2014

This document is intended to help you prepare your final presentation and project paper.

Class Presentation

The presentation time for each student will be **20 minutes**. (See the presentation schedule below.) You will need to convey key points about your project to your audience. The breakdown below is intended to serve as a guideline of how to structure your presentation:

1. Introduce your area (2-4 mins)
2. State your problem, and why it's important (2-3 mins)
3. Give the *idea* of your solution, why it's a good solution/benefits (there is not enough time to go into details, this is what your paper is for). If you are doing a comparison among algorithms, give the idea of the algorithm(s), how they work, state the advantages and disadvantages of your techniques, and how your ideas/solutions help to improve upon the disadvantages. (10-15 mins)
4. Conclude (2 mins)

You will be evaluated based on the following:

- Clarity in speaking
- Slides are clear, with appropriate use of pictures, diagrams, etc. to convey your message (do not just read text from your slides!)
- Presentation tells us clearly why your problem is important, any comparative differences among algorithms, and what you have proposed
- Presentation completes on time
- Material is suitable for an undergrad audience. Note: students will be given the opportunity to ask you questions following your presentation.

- Ability to answer questions

Note that the 20 mins time limit will be strictly enforced. This is to ensure that all presenters will have an equal amount of time.

Project Paper

As outlined in the 'Getting Started' document, the objective of the project is to allow you to investigate a web systems and/or web computing topic in depth. In your paper, you will have the opportunity to present in greater detail why your problem is important and relevant, why it's difficult, what are existing approaches and their comparative differences, and how your ideas/solutions improve upon existing techniques. You must clearly indicate and cite the past techniques/algorithms that you are trying to improve upon.

The Getting Started document provides a recommended outline of your paper. Do not forget to include a bibliography that provides the list of papers, books, technical reports, etc. that you used. Please remember to cite the appropriate sources as needed throughout your paper.

You will be graded on how well you discuss the points in each section, as well as your writing clarity and spelling/grammar. If you have difficulty writing English, I highly recommend giving your paper to a proof reader to give you comments before submitting your final paper.

Grading

This project (paper and presentation) is worth 15% towards your final grade.

Presentation Schedule

The project presentation schedule is given in the table below. The presentation order is according to topic and then by alphabetical surname. Your presentation will be a maximum of **20 minutes**. Presentations will be held during lecture time, in ETB 230.

Date/Topic	Name	Title
March 31, 2014 2:30pm-4:20pm Network Graph Analysis Browser Design Recommender Systems	Merhawit Berhane Siyu Chen Bini Jiang Jingfei Su Yue Sun	<i>Social Network Graph Analysis</i> <i>Principles of Web Browser Design</i> <i>A Comparative Study of Recommender Systems</i> <i>Recommender Systems</i> <i>A Comparison of Collaborative Filtering Algorithms</i>
April 7, 2014 2:30pm-3:30pm Web Tools and ORM	Siddharth Sitaramachandran Erik Wang	<i>Web Tools</i> <i>ORM</i>