

Project Write-up

EECS 495

Hot Topics in Distributed Systems: Data-Intensive Computing

<http://www.eecs.northwestern.edu/~iraicu/teaching/EECS495-DIC/index.html>

Assigned: 01-19-2010

Due: 12:00 PM 01-26-2010

Overview

A major component of your grade will be based on a project. The topic of the project will be chosen by the student(s), and will require possibly the implementation of a real/simulated system, a written report, and oral presentations. In homework #2 you described 3 project ideas, and in the last lecture, I discussed most of the ideas that you had, plus several more. You are to choose one of these topics, and expand it into a 2~3 page proposal (>1500 words).

Your proposal should include the following information:

- title
- people involved (in case it is a group project)
- abstract
- background information
- problem statement
- related work
- proposed solution
 - clearly state the nature of the project (e.g. implementation of a real system, simulation, theoretical, empirical performance evaluation, survey, etc)
 - be specific about what techniques you plan to use, what existing software and systems you will use, etc
- evaluation: be specific with what metrics you plan to examine
- timeline with weekly goals
- deliverables
- conclusion
 - what do you think you will learn (keep it short)
 - be specific with what how you will evaluate if your project is a success
- references

I know this is a lot of material to fit in 2~3 pages, but keep text to a minimum, where you can keep it short and to the point. Also, you should use single spaced 10pt font, with 1" margins. If you cannot stay in 2~3 pages, feel free to make it longer to cover all the things mentioned above. Feel free to contact me or write on the mailing list if you have any questions. Also, you should utilize my office hours on Thursday to meet with me in person and talk about your project. Please submit your proposal write-up via email, by the deadline stated at the top of this assignment.