CSE333 Distributed Component Systems

Semester Project Requirements and Specification

The semester project for this course involves working in teams of 3 or 4 individuals to pursue research, design, and prototyping into topics that are related to distributed object computing. The requirements for the project are as follows:

- **Forming Teams and Proposing a Topic: Due September 14, 2005.**
  During the first few weeks of the semester, we will form teams and also have each team identify a topic. Once teams have been formed, your team should email the instructor (cc'ed to all team members) to propose a topic with a brief description (a paragraph or two). There will be an email discussion to finalize the topic with the instructor to proceed.

- **Investigation of Topic and Background Reading**
  Ongoing, as students choose topics and formalize teams.

- **Initial Project Proposal/Presentation of Topic: Due September 21, 2005**
  This is the most important part of the project, since it requires the teams to define their initial project requirements for the semester. The document describing the project is limited to at most 5 single-spaced, 12 point pages, with 1 inch margins. The document must contain:
    1. One-half page overview of topic, its goals, and its objectives.
    2. Two page detailed discussion of topic, focusing on its scope.
    3. Two page component-wise breakdown of topic, clearly identifying the various components of the project and indicating which each team member will be working on. Note that ideally, each team member should be responsible for one component or aspect of the project. This will allow individual grading to occur and will also permit a weak team member (or someone who drops the course) to have a minimized impact on the team. Teams will not be penalized for members that drop the course.
    4. One-half page outline of planned activities throughout the semester with a midterm report due on October 19. Basically, you are to outline how you plan to proceed during the semester from a timeline perspective.
    5. Numbered and captioned figures are encouraged and are outside of the page count. For example, a block or flow diagram that illustrates components may be very useful. Or, a diagram showing who is working on which component.
    6. References: These are outside of the page count.
    7. NOTE: You will be required to use both UML (e.g., Together Architect, Eclipse UML, etc.) and other advanced tools for your project.

In addition, each team will make a brief PowerPoint presentation (at most 5 slides) to the class on September 21st (each team will have 10 minutes)

- **Midterm Report/Presentation: October 19 – Requirements to be supplied.**

- **Final Report/Presentation: TBA - Week of December 5th**
  Electronic submission is acceptable.
  Presentations will replace class for the last week of the semester.