

Final Project
CSC 594, Prof. Robin Burke
Spring 2004
Due: 6/9/2004

Objective:

Develop a proposal for a case-based system to solve some knowledge management task.

What to do:

- 5/12: Write a one-paragraph description of the problem that your proposed system would solve. Indicate what the cases would be like, and how they might be gathered. Choose an area that you already have some familiarity with and that has problems of some complexity. Be concrete: propose a system that might actually be possible to build.
The instructor must approve your choice of problem for the final project to be accepted. You may wish turn this part in before 5/12 to get an early approval and a head start on the project.
- 6/9: Turn in a 5-7 page proposal. The proposal should include
 - a "knowledge container" analysis of what knowledge a functioning system would need to have.
 - a discussion of the types of domain knowledge the system would need for similarity assessment and case adaptation.
 - an example that shows how the system might work: walking through the steps of retrieval, adaptation, application and maintenance for a single problem-solving situation.You can assume that your audience is familiar with case-based reasoning, but not necessarily with your particular domain.
You may submit a rough draft of your proposal by 5/26 for instructor comments. This is optional but in previous similar cases, it has been found to have a strong positive impact on one's grade.

What to turn in:

- Turn in both items to COL.