Exercise #7: Case-Base Maintenance
CSC 594, Prof. Robin Burke
Spring 2004
In-class: 5/19/2004

Objective:
Develop a maintenance policy for the advising case base.

What to do:
Leake develops the following framework for describing case base maintenance policies:

Data collection
- Data type: None, Synchronic, Diachronic
- Timing: Periodic, Conditional, Ad-Hoc
- Integration: On-line, Off-line

Triggering
- Timing: Periodic, Conditional, Ad-Hoc
- Integration: On-line, Off-line
- Conditional: space, time, result

Maintenance operation
- Revision level: indexing structures, domain contents, accounting information, maintenance policies
- Revision level: implementation, representation, and knowledge

Execution
- Timing: None, Periodic, Conditional, Ad-Hoc
- Scope: Broad, Narrow

How should maintenance in the advising system be performed? Consider different kind of changes and how the system will need to respond.

What to turn in:
- One student will be responsible for creating a web page containing the outcome of our brainstorming session.

Special DL instructions:
You will have to perform this exercise on your own. Produce a 2-3 page document detailing your answers to the questions above. I encourage you not to view the in-class discussion until you have a draft of your own answers. Then, observe the discussion and see if any new ideas or issues are raised. Your document is due 5/26.