BIOL 498/CMSI 698

SPECIAL STUDIES: BIOINFORMATICS

Spring 2006

Final Report and Evaluation

There is one last challenge posed by the unconventional and fluid nature of this course, and that is how to determine the final grade. This last set of deliverables is geared toward providing us with a framework for making this last decision.

Statement of Work

Submit a 1–2 page report that summarizes the work you have done, including but not limited to:

1. The components that you worked on in the XMLPipeDB project.
2. The sections that you worked on in the final class paper.

Conclude your report with an evaluation of your work, describing what your goal was, how much of it was achieved, and what follow-up work is appropriate (whether to be performed by yourself or by someone else). Note that "work" here does not just involve software development; documentation, testing, and evaluation are also fair game.

Overall Project Assessment

Evaluate the following components of XMLPipeDB (both software and paper) according to the criteria described in the syllabus: *design*, *functionality*, *naming*, *comments* (including external documentation), and *CVS use* for the project, and *content*, *organization*, *writing*, and *polish* for the paper. Be specific where possible, for both good and bad points (e.g., "Class *xyz* has duplicated code in methods *a* and *b*," "The way functionality *ghi* is implemented is very flexible"):

- xsd2db
- xmlpipedbutils configuration
- xmlpipedbutils import
- xmlpipedbutils querying
- uniprotdb postprocessor
- godb postprocessor
- gmbuilder

This information will be useful not only for grading, but for helping set future work and action items on the project.

Determination of Final Grade

Given all of this information, the final breakdown of your grades will consist of:

- *10% homework* — Since there was only one truly individualized assignment (the NAR database report), and everyone did "submit," this is essentially a freebie.
- *20% overall paper* — We will grade the overall paper according to the criteria in the syllabus, and this grade will be uniform for everyone.
- *25% individual paper contribution* — Based on your statement of work, assessment by others, and CVS logs, we will grade your individual sections according to the criteria in the syllabus and assign this grade on a per-student basis.
- *20% overall project* — Similar to the overall paper grade, but this time for the XMLPipeDB project code, using the criteria for code described in the syllabus.
- *25% individual project contribution* — Similar to the individual paper grade, but this time pertaining to the XMLPipeDB project code.