

BIOL 498/CMSI 698

SPECIAL STUDIES: BIOINFORMATICS Spring 2006

Assignment 0216

UML Specification Exercise

Now it's time to take a step back and add a little more thinking to go with the doing. The first two assignments were somewhat "Nike-style" — go out there and "just do it." Now we want to use some UML to express some of the constructs that we have encountered so far.

Not for Submission

Feel free to chip away at XMLPipeDB as you see fit.

For Submission

Develop UML diagrams that formally specify the following structures or processes. Work in pairs or trios as indicated:

1. Express the UniProt XSD in UML: Joey, Roberto
2. Express the structure of XMLPipeDB in UML: Joe, Scott
3. Express the information flow of XMLPipeDB in UML: Babak, David
4. Revise/improve/complete the design of XMLPipeDB in UML: Adam, Jeffrey, BJ

Use any tool that you see fit, as long as you can (a) submit your diagrams on hardcopy and (b) submit your diagrams in some platform-independent format (PDF, PNG, etc.).