

Assignment 3: Xinformatics (Spring 2011) (10% written of overall credit score and 10% for presentation)

Due: TUESDAY March 22, 2010 (by 12pm ET)

Submission method: email to pfox@cs.rpi.edu and Stephanie Ardizzone, ardizs@rpi.edu

Please use the following file naming for electronic submission:

Xinformatics2011_A3_YOURFIRSTNAME_YOURLASTNAME.xxx

Late submission policy: first time with valid reason – no penalty, otherwise 20% of score deducted each late day

Office hours: Monday 3-4, Winslow 2120

Note: Your report for this assignment should be the result of your own individual work. Take care to avoid plagiarism (“copying”), including all web resources, texts, and class presentations. You may discuss the problems with other students, but do not take written notes during these discussions, and do not share your written solutions.

General assignment: Analysis of cognitive, collection and social/cultural aspects of information in signs - discussed and decomposed. The weighting score for each question is included below. Please use the question numbering (1-3) below for your written responses for this assignment.

1. Choose a signage ‘system’ (4%)
 - a. Pick an analog or digital **information** system that utilizes ‘signs’ (icons, indices, symbol). It can be one you like or dislike. Write min. 1-2 sentences on why you made your choice.
 - b. Describe signs in the system you chose. Write min. 1-2 sentences per sign.
 - c. Document how you classified the signs according to categories defined in class, e.g. what is the signifier and what is signified. Min. 1 sentence per sign.
2. For your chosen system what (if any) library, cognitive and/ or social science principles have been applied in the development. What, if any, attention is given to syntax, semantics, and pragmatics, describe them - min. 3-4 sentences (3%)
3. Perform your own information modeling exercise of the chosen system, what are the objects, relations, etc. and how did they match or not match the system you examined? Submit at least a conceptual model that you developed. Min. 3-4 sentences (3%)
4. Present the material in Q 1-3 and discuss the informatics considerations - 10 mins (~5 slides) including questions (10%)