Assignment 3: Xinformatics (Spring 2018) (10% written and 5% for presentation)
Due: TUESDAY March 7, 2018
Submission method: LMS
Please use the following file naming for electronic submission:
Xinformatics2018_A3_YOURFIRSTNAME_YOURLASTNAME.doc (or docx)

Late submission policy

Assignment: Analysis of cognitive, collection and social/cultural aspects of information systems in signs – discussed and decomposed. The weighting for each question is included in the rubric on LMS. Please use the question numbering (1-4) below for your written responses for this assignment. Choose a signage “system.” Pick an analog or digital information system that utilizes ‘signs’ (icons, indices, symbols). It can be one you like or dislike.

1. Write min 1-2 sentences on why you made your choice. Include a graphic of your chosen information system
2. Describe signs in the system you chose and why it is a ‘system’ and use the Class 2 system “properties, attributes, and leverage points” to frame your description. Write 2-3 min sentences per sign for at least 3 signs. 6400-level question: calculate or estimate the uncertainty in the information content for part or all of the information system.
3. Semiotic analysis: classify the signs according to categories defined in class, e.g. what is the signifier and what is signified; what is the index and indicate which are icons, or symbols? Min. 1 sentence per sign component. Describe the “code” or paradigm used. Min. 1-2 sentences.
4. For your chosen signage system what library, cognitive and/or social science principles have been applied in their development? What, if any, attention is given to syntax, semantics, and pragmatics; describe them – min 3-4 sentences
5. Present in class. Discuss the relevant informatics considerations from questions 1 (why), 2 (system aspects), 3 (semiotics), and 4 (principles applied). Present for ~5 minutes with a few questions/ discussion to follow