CSE 8394
Assignment 2

Due: Feb 14

This assignment is intended to familiarize you with the key Semantic Web technologies: RDF, RDFs, and OWL and how to build an ontology.

Part A.

• Work through the following tutorials at w3schools.com:

RDF, RDFs, OWL: http://www.w3schools.com/rdf/default.asp

Part B.

• Based on your XML from Assignment 1, define classes and categories using RDFs.
• Draw properties and draw a semantic web graph.
• Provide data items using RDF.

Part C.

• Use OWL to provide additional semantic information to your ontology.

Part D.

• Read the official W3C documents on RDF, RDFs and OWL. Identify some facts/capabilities that were not covered in the w3schools tutorials and write about it in your blog.