Assignment 7 – INLS 623

You will be divided up into groups. Each group will choose one type of non-text database (for instance images, video, sound/music, geographic information systems, genomics, etc) and research this type of database. You should produce a group report in the form of a powerpoint presentation, which your group will present to the class. Your report should include

- What characteristics differentiate this type of database from standard text databases
- How is the non-text information stored?
- How is the non-text content manipulated? What operations are supported in the database?
- How is indexing done?
- What are the challenges and advantages are of using such databases?
- Are there standards that address this type of database and operations on its content for standard database applications? I.e. can I do multimedia operations in Oracle, etc?

Be sure to show us examples to demonstrate your answers (from web sites, etc). Each group will have 35 minutes: the report should be about 25 minutes in length, and 10 minutes for questions.

Each group should email me their division or responsibilities at least one week prior to their report. (i.e. who researched what, who prepares what part of the presentation, who gives what part of the presentation).