Exercise 5 – INLS 623

As the DBDudes senior consultant, write up your recommended implementation plan for the Barns and Nibbles online bookstore. They have added two constraints: using MySQL, and being able to support integrating other data sources later (they anticipate buying up several mom and pop bookstore chains). This is in essence a repeat of Exercise 1, except that you hopefully know more now.

Your recommendation should be based on a 3 tier design. Specify what your recommendations are (and why) for each level. I.e.

Presentation (Client) Tier: HTML, Forms, JavaScript, Style Sheets

Middle (Application) Tier: CGI, application servers, Java Servlets, JSP,

Data Storage (Database) Tier: Access, MicroSoft SQL Server 2000, MySQL, Oracle; XML, Stored Procedures, etc.

Review Ramakrishnan pages 261-263 DBDudes analysis of mechanisms as a starting point, but don't come up with the same answer (i.e. make sure your assumptions are different, or you do a more comprehensive job).