Database Design Project Deliverable #3
Final Report

CIS8040 Database Management Systems, spring 2010, Jack Zheng

Deliverable content

Deliverable #3 is a compilation of all the work you have done for the database project, plus project summary. More specifically, the following parts should be included:

A. A formal business report with everything compiled into a single document (Word or PDF), which includes the following sections in order (the report should be properly paged, paragraphed, and sectioned):

1. Cover page
2. Table of contents
3. Business and system summary
    a. Give an overview of the business environment and project objectives;
    b. Give a brief technical summarization of your developed database;
    c. Justify how your developed database meets the project objectives, and how it will support the business.
4. Conceptual model and data dictionary (your final version of deliverable #1)
5. Logical model and data dictionary (your final version of deliverable #2)
6. Implementation
    a. A screenshot of the SQL Server 2008 database relationship diagram, clearly showing every table, attribute, and date type;
    b. Screenshots of sample data: one screenshot for each table. You should enter enough data to demonstrate the use of the database (at least 5 records for each table);
    c. To demonstrate some database use scenarios, design at least 10 questions/tasks (as complete as possible) in your application domain that need to query the database. Write SQL Select statements for all queries. At least 5 of these queries must involve multiple tables.

B. Project summary

1. Summarize learning experience from this database project, detailing some of your problems, lessons learned, achievements, outcomes, future plans, and/or any other thoughts and comments. This part should be at least 1 standard letter size page, single spaced.

C. Other data files besides the document:

1. An ERD diagram in the original Visio 2007 format;
2. A logical database diagram in the original Visio 2007 format;
3. A detached SQL Server 2008 database (two files, both .mdb and .ldb).

Submission - Due Date: 5/3/2010 Monday

Please compress all files in a single .ZIP file. Then submit it via email. If it is too big (larger than 5MB), you may also submit it in myRobinson, or write a CD and put it in my mailbox - just let me know you will do so.

Grading

The grade will mainly based on 1) the quality and completeness of your report; 2) the quality of your project summary; 3) the correct functioning (implementation) of your SQL Server database.