Iteration3

Tuesday, September 29, 2015 10:49 AM

At the end of this iteration you must submit work for the items below as well as your work from previous iterations, all consolidated into one formal document and one SQL file fully commented.

All documentation and queries must be in a single document. In addition, queries should be submitted in a separate sql file.

1. Update your documents

- Updated document from previous iteration(s) including any changes done over the past and current iterations.
- Clearly indicate what the changes are with respect to what you submitted before, decisions made at the beginning of the project, etc.
- Discuss
  - Database design and results;
  - Which NF each of your relations are in: did you verify all the NFs discussed in class? If your design seems to already be normalized, make sure you indicate why (describe how it complies with 3NF or so)
  - Evaluation of your project (e.g., How much effort was spent overall? What went right? What went wrong? How would you do it differently if you have to do again? Etc.). If you had another week, what improvements would you focus on?
  - If you get any feedback from Iteration2 or the presentation regarding the design, technical approach or implementation of your project, you are not expected to change your design, instead, discuss how you would fix or improve the issue (for instance, if an entity is missing from the ER, or if a table is not normalized normalized).
  - How you generated your data to populate your database
  - How you are testing: did you generate special data? What are your test cases? How do you ensure correctness (e.g., your implementation does what it is supposed to do and it doesn't do what it shouldn't do)?
- Submit a single formal, comprehensive document. Your document should be properly formatted. Please take a look at the document posted under "Example document" for guidance on formatting.

  NOTE: If you are using a tool like VS for your database application, please zip the whole project and submit it. Code should be properly commented and documented (how to use it).

1. SQL query statements

In your report, also list SQL statements needed to support functions of your project. Should be presented in the following table format:

SQL statement	Purpose

In the Purpose column, provide the description in English describing what the SQL statement does and what project function it supports

More important than the "number of queries" that you show in this section, is the "quality" or "relevance" of the queries. Make sure that all your tables are involved in your queries and that you have queries that are relevant for all possible user scenarios (customer) considered in your project.