Assignment 6: Final Assignment (25%)

Due: March 26, 2018 11:59 PM

Students will use the skills they learned to develop a complete model set. In this assignment each student will analyze a case study and develop a conceptual, logical and physical data model and the supporting metadata.

Instructions

Get Organized
- Review the case study.
- Identify entities and relations, set the scope.
- Treat the instructor as the business stakeholder.

Start Working
- Once you have reviewed the case study and established the scope, you can begin creating the model set (Conceptual and Logical E/R diagram, Business Entity Glossary and Data Dictionary)
  - Be sure to correctly label all the diagrams
  - All relation names must be meaningful and be a business action.
  - Entity names and attributes must be meaningful and be a business term
  - The glossary and data dictionary must be complete
- You can use email or discussion board posts to communicate to the stakeholder
  - Communication must have a question
- I will be available in the Knowledge Center on Monday nights at 7:00 PM to answer questions.

Stakeholder Engagement
- You can request a ½ hour one on one session to interview the business stakeholder. A list of questions must be submitted to the stakeholder in advance of the session. These questions must be about the business and not modelling notation.

Please refer to the rubric at the end of this document for evaluation details.

Requirements

1. Create a Conceptual and Logical ER Diagram as per the Case Study specifications.
   a. Use the Visio Crow's Foot Database Notation Template.
   b. The conceptual model and logical model will be recorded in Visio using the Crow's Foot Notation Template.
2. Complete the Business Entity Glossary and Data Dictionary using the excel templates you were provided with during the semester.
3. Please note a physical model script is not required.
4. Patterns are optional however if you use a pattern then identify the pattern.

Submission

1. Post the Model Set to the **Assignment 6: Final Assignment Dropbox.**

Evaluation

This assignment is graded out of 12 points using the following rubric and is worth 25% of the final grade.

Learners may receive partial scores or a zero for unacceptable work.

Criteria	Does Not Meet Expectations 1	Partially Meets Expectations 2	Meets Expectations 3	Exceeds Expectations 4	Max Points
Content	Missing one or more elements of the assignment. The content is unclear and difficult to follow.	All elements or questions are addressed but could be developed further.	All elements of assignment are well developed and clear. The content is comprehensive.	Includes all the elements of the assignment plus additional elements that make the assignment unique. The content is clear and engaging.	4
Analysis	The author shows an inadequate understanding of the specifications.	The author shows a partial understanding of the specifications.	The author shows a sufficient understanding of the specifications.	The author shows a complete understanding of the specifications.	4
Creativity	The assignment lacks creativity. The audience is not engaged by the product.	The assignment shows some creativity. The audience is neutral about the outcome.	The assignment is creative and original. The audience is engaged by the product.	The assignment is exceptionally creative and provokes an emotional response from the audience.	4