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2022FA-APAN-6015-01 Data Models and Structures

Discussion 1

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Question: “Usually, if the data model gets a very low score on one or more of the Correctness, Completeness, Scheme, and Structure categories, it is best to end the review and request the model be updated and then reviewed another time.” (p.187)

Answer: I agree that the data model should be discarded and start with a new perspective for the following reasons:

1. The model did not capture the requirements of the enterprise, receiving a score of 7/15
2. The model was not complete, receiving a score of 3/15.
3. The model lacked the proper scheme, receiving a score of 3/15
4. The model was not structurally sound, receiving a score of 3/15.
5. The model did not follow naming standards, receiving a score of 3/5
6. The model was not arranged for readability, receiving a score of 3/5
7. The definitions did not come up to standard, receiving a score of 3/10
8. The model was inconsistent with the enterprise, receiving a score of 0/0 (no enterprise data model, so the 5 points have been moved to category 10.
9. The metadata did not match the data, receiving a score of 2/15.
10. The overall score is 37/100.

Arguments to start the modeling process again:

1. While it may be more expensive for the enterprise to start anew, it will be worth it in the end.
2. Developing a substandard database model could have catastrophic effects on the enterprise.
3. This was an amateur attempt at building a data model

Questions:

1. Why was this model developed in the first place if it did not meet the business enterprise?
2. How long do you think this model took to develop to come to the conclusion that it did not meet the enterprises' vision?
3. Is this a model that would meet a minimum standard ?