Week 2: Discussion Forum Post 2

Instructions

Respond to the Discussion Question posted by your instructor below and then respond to at least two peer's posts (by Sunday before Midnight).

Briefly discuss one major challenge when adding or inserting data into a database.

Hey guys,

From my point of view, the biggest challenge is to maintain the security and accuracy of the data, so that in the steps that precede the insertion, the data are processed, normalized, and corrected if necessary, so that the data being inserted have the same specifications than the data already existing in the base, as the duplicity can be a problem, but I believe that if the normalization is done correctly this can be identified before they join, preventing bigger problems.

Knowing the attributes and rules can save a lot of time and prevent rework.

Fernanda Abad

Hello Lucas,

I agree with you, but I believe that if the database design is done right, then the development, implementation, and consequently the overall performance of the database will have few problems. A well-designed database “just works”. There are a small number of errors in database design that turn the lives of developers, managers, and DBAs into a huge hell.

Fernanda Abad

Hi Fabio,

This is an important point, the application of data normalization rules is highly recommended, as the gains are considered relevant. Investing a little more dedication and time working with a larger number of tables brings more benefits than a database without proper organization.

Fernanda Abad