



To do: Post replies: 3

Due: Wednesday, 11 September 2024, 11:55 PM

### This assignment will assess your skills and knowledge about:

1. Describing the characteristics of databases and [database management systems \(DBMS\)](#).
2. Defining the key [information models](#).
3. Exploring the various job roles for database professionals.
4. Developing relations within a [relational data model](#) and assess constraints based on real-world entities.

### Assignment

Imagine you are tasked with designing a [database system](#) for a dynamic e-commerce platform that handles a vast amount of product data.

#### Based on the above scenario, answer the following:

1. Describe the four key characteristics of databases and [Database Management Systems \(DBMS\)](#) while addressing how to efficiently structure data for products, customer information, and sales transactions incorporating key [information models](#).
2. Explore essential job roles for project success by clarifying their distinct responsibilities within the context of designing a dynamic e-commerce platform [database system](#).
3. Discuss the development of relations in [database models](#), highlighting how the [relational model](#) accurately represents complex relationships and addressing challenges faced during implementation.

End your discussion post with one question related to the concepts learned in this unit from which your colleagues can formulate a response or generate further discussion.

### Submission Instructions

- Your Discussion should be a minimum of **250** words in length and not more than **750** words.
- You may use the course readings or any relevant source to respond to the questions and your peer replies.
- Remember to locate, use, cite, and list references in all your discussion posts to validate statements of fact or corroborate personal opinions/points of view.
- Refer to the [UoPeople APA Tutorials in the LRC](#) for help with APA citations. You can contact the librarian at library@uopeople.edu if you need help. You can also ask the expert in the [Learning Resource Center Course: Learning Resource Center](#).

**NOTE:** Remember to post as early as possible.

### Discussion Responses

Please respond to any two classmates by providing comments or questions about their main post. Feedback should be appropriate, meaningful, and helpful. Overall, your comments should contribute positively to the conversation by broadening or clarifying it. Feedback should be in complete sentences. Read '[Peer feedback for students](#)' to know more about how to give feedback.

Academic Integrity

If at any time you suspect that a post in this assignment violates UoPeople's rules regarding plagiarism and/or any aspect of UoPeople's Academic Code of Conduct, please notify your instructor immediately.




Your instructor will grade you based on the Discussion Forum Rubric Unit 1.

NOTE: Your instructor will be assessing your posts/responses for this discussion.

This is a question and answer forum. To see other replies, you must first post your reply.

Separate groups: Group 0007

View grades

Discussion	Group	Started by	Last post ↓	Replies ✓	Subscribe
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