

## Take Assessment: Exercise 2

Please answer the following question(s).

If the assessment includes multiple-choice questions, click the "Submit Answers" button when you have completed those questions.

1. [Go to bottom of question.](#)

### ER Models

Create the complete ER schema for your E-Commerce database from the [E-Commerce Project Description](#) in the Appendix. Note that the specification is from a user's point of view, and hence does not tell you all of the keys (primary and alternate), all of the relationships, and the arity of relationships, etc. You should identify them.

Make reasonable assumptions to complete the specification. Explicitly state all your assumptions. EVERY construct in your ER schema should be substantiated by either the specification above or your explicit assumptions.

Make sure you identify all of the following:

- The entity types (identify weak entities).
- The attributes in each entity type (identify it as single-valued/multi-valued, derived, simple/composite, etc). Leave the attributes out of the diagram. Instead, list each entity in a textual form, and beneath each one, list its attributes.
- The relationship types (identify the roles, the cardinality constraints, and participation constraints).

Use the ER diagramming notations to draw your schema. Turn in your ER schema in a file named *ER.gif*, and the attribute list in a text file named *ER.txt*

To help yourself do your best on this assessment, consult this general list of [grading guidelines](#).

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