

## IT 235 Milestone One Guidelines and Rubric

**Overview:** Database design is an integral step in the overall development of a database solution; a bad design can lead to many issues and problems with queries and potential expansion for any database. Getting the database design right is the first and most important step in creating a successful database. For this assignment, you will solve a database design situation as outlined in the [scenario document](#). As you read through the narrative, be sure to pay close attention to the business requirements that the business owners note.

**Prompt:** Imagine that you are a consultant database designer and you have taken on a project that will require you to establish a database for a small pizzeria. If you have not already read the final project scenario document, do so now and determine the overall purpose of the database and the user requirements.

Specifically, the following **critical elements** must be addressed:

- I. **Requirement Gathering:** Read the provided scenario in order to determine the overall purpose of the database and the user requirements, specifically the following:
  - A. Define the **purpose, goals, and objectives** of the database as determined by the scenario.
  - B. Assess the **user requirements** associated with the database according to its owners and stakeholders.
  - C. Explain the **business processes and restrictions** that the database addresses in support of the user requirements.
  - D. Explain what the **end result** of the database should be as determined by the scenario.

### Rubric

**Guidelines for Submission:** Submit assignment as a Word document with double spacing, 12-point Times New Roman font, and one-inch margins.

Critical Elements	Proficient (100%)	Needs Improvement (70%)	Not Evident (0%)	Value
<b>Requirement Gathering: Purpose, Goals, and Objectives</b>	Defines the purpose, goals, and objectives of the database as determined by the scenario	Defines the purpose, goals, and objectives of the database as determined by the scenario, but response is incomplete or contains inaccuracies	Does not define the purpose, goals, and objectives of the database as determined by the scenario	22.5

<b>Requirement Gathering: User Requirements</b>	Assesses the user requirements associated with the database according to its owners and stakeholders	Assesses the user requirements associated with the database, but assessment is cursory or incomplete, contains inaccuracies, or lacks accordance with the database's owners and stakeholders	Does not assess the user requirements associated with the database	22.5
<b>Requirement Gathering: Business Processes and Restrictions</b>	Explains the business processes and restrictions that the database addresses in support of the user requirements	Explains the business processes and restrictions that the database addresses, but explanation is cursory, incomplete, or illogical, or it contains inaccuracies or lacks accordance with the user requirements	Does not explain the business processes and restrictions that the database addresses	22.5
<b>Requirement Gathering: End Result</b>	Explains what the end result of the database should be as determined by the scenario	Explains what the end result of the database should be as determined by the scenario, but explanation is cursory or illogical or contains inaccuracies	Does not explain what the end result of the database should be as determined by the scenario	22.5
<b>Articulation of Response</b>	Submission has no major errors related to citations, grammar, spelling, syntax, or organization	Submission has major errors related to citations, grammar, spelling, syntax, or organization that negatively impact readability and articulation of main ideas	Submission has critical errors related to citations, grammar, spelling, syntax, or organization that prevent understanding of ideas	10
<b>Total</b>				<b>100%</b>