Database Design Part 3: Implementation Document

Due Apr 16 at 11:59pm   **Points** 135   **Questions** 4   **Time Limit** None
Allowed Attempts Unlimited

Instructions

This is the submission form for Part 3 of the Database Design Project.

Requirements

Milestone A: (90 pts) Use Draw.io to construct the data model (in ERD Crow's Foot notation) for your planned database and submit it to Canvas. Your data model represents the blueprint for construction, so a well-designed design will get you moving in the right direction. Your data model will consist of:

1. Entities (75% of all entities to be included in your final DB) (20pts)
2. Attributes (all primary attributes needed to showcase entity and relational integrity) (25pts)
3. Primary Keys (10pts)
4. Foreign Keys (15pts)
5. Connectivity (proper Crows Foot notation) (15pts)
6. Cardinality (5pts)

Milestone B: (45 pts) Submit a one-page description of how your database will link to a functioning system and outline the technical implementation of said system. You will need to outline:

1. Chosen programming language and database connector (5pts)
2. Chosen GUI framework (5pts)
3. How are your system and database integrated? (10pts)
4. What features does your system provide that would not be possible with just a database? (10pts)
5. Sketch of a basic UI design (10pts)
6. Sketch of an insertion, modification, and deletion operation (15pts)

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Take the Quiz Again

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Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	588 minutes	128 out of 135

⚠ Correct answers are hidden.

Score for this attempt: **128** out of 135

Submitted Apr 16 at 6:27pm

This attempt took 588 minutes.

Question 1	85 / 90 pts

Use this question to upload your ERD design diagram. Please export from Draw.io as a PNG file.

⤓ **3 submit.png (https://cilearn.csuci.edu/files/2810150/download)**

Question 2	43 / 45 pts

Use this question to upload your Software Architecture one-page summary.

⤓

Database_Design_Part_3_Implementation_Document.docx (https://cilearn.csuci.edu/files/2810152/download)

Partial

Question 3	0 / 0 pts

Rate your contribution to this phase of the project on a scale from 1-4.

☐ 1 – I felt that I did not contribute during this phase.

☐ 2 – I felt that my contribution was less than what was expected.

☐   3 – I felt that my contribution was sufficient.

☑   4 – I felt that my contribution was above what was expected.

Partial

Question 4   0 / 0 pts

Rate your teammates' contribution to this phase of the project.

☐   1 – I felt that my teammates did not contribute during this phase.

☐

2 - I felt that my teammates' contributions were less than what was expected.

☑   3 - I felt that my teammates' contributions were sufficient.

☐

4 - I felt that my teammates' contributions were above what was expected.

Quiz Score: **128** out of 135