Consider This: Your Turn 1-3

Creating an Electronic Assets Database

Sample Grading Rubric

Part 1:

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| **Consider This: Plan Ahead Guidelines** | **Grading Notes** | **Suggested**  **Percent** | **Score** |
| 1. Identify the tables that will be included in the database. | The template includes four tables. Students can choose to keep all tables but they must keep the Assets table. | 20 |  |
| 1. Determine the primary keys for each of the tables | In the template, ID is the primary key in the Assets table | 5 |  |
| 1. Determine the additional fields that should be included in each of the tables. | This is the students’ decision but they should have reason for keeping or eliminating fields. | 25 |  |
| 1. Determine relationships between the tables a. Identify the “one” table b. Identify the “many” table c. Include the primary key of the “one” table as a field in the “many” table. | N/A |  |  |
| 1. Determine data types for the fields in the tables | If students add fields, they need to determine data type | 5 |  |
| 1. Determine additional properties for fields a. Determine if a special caption is warranted b. Determine if a special description is warrented c. Determine field sizes d. Determine formats |  |  |  |
| 1. Identify and remove any unwanted redundancy | N/A |  |  |
| 1. Determine a storage location for the database | N/A |  |  |
| 1. Determine the best method for distributing database objects | N/A |  |  |
|  | There should be at least one query. | 10 |  |
|  | There should be at least 2 devices per team member. Data should be in a standard format. | 15 |  |
|  | Descriptions should be standardized. | 20 |  |

Part 2: Critical Thinking Decisions

This assignment requires students to explain why they made these decisions in creating the electronic assets database:

* Terms to use to describe mobile devices
* Tables to include in database
* Data types and field sizes for any additional fields
* Fields to delete

Students also should answer the following questions. Answers will differ but they should provide reasons for their decisions:

* Which fields did they delete? Why?
* What terms did they use to describe each device? These should be standardized.
* What was the rationale?