Lab 3 Consider This: Your Turn

Camshay Marketing Associates

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. | There should be two tables: Client and Marketing Analyst. Students could use different names for the tables. | 35 |  |
| 1. Determine the primary keys for each of the tables | Client Number is the primary key for the Client table and Marketing Analyst Number is the primary key for the Marketing Analyst table. | 5 |  |
| 1. Determine the additional fields that should be included in each of the tables. | The Client table includes: Client Number, Client Name, Street, Postal Code, Amount Paid, Balance, and Marketing Analyst Number.  The Marketing Analyst table includes: Marketing Analyst Number, Last Name, First Name, Address, City, Postal Code, Hourly Rate, and Start Date | 30 |  |
| 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. | The Marketing Analyst table is the one table and the Client table is the many table. | 5 |  |
| 1. Determine data types for the fields in the tables | In the Client table, all fields except Amount Paid and Balance are Short Text fields. Amount Paid and Balance are Currency data types.  In the Marketing Analyst table, all fields except Salary YTD, Incentive YTD, and Start Date are Short Text fields. Salary YTD and Incentive YTD are currency type and Start Date is a Date/Time field. | 15 |  |
| 1. Determine additional properties for fields a. Determine if a special caption is warranted b. Determine if a special description is warranted c. Determine field sizes d. Determine formats | While these are not required, captions for Client Number and Marketing Analyst Number would be appropriate. Also, using correct field sizes for postal codes and telephone number helps improve data accuracy. Currency should display 2 decimal places. | 5 |  |
| 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 |  |  |
|  | The Client table should have 15 records and the Marketing Analyst table should have 4 records. | 5 |  |
|  | The sample solution file includes two queries, a form, and a report. You could require your students to create these. |  |  |

Part 2: Critical Thinking Decisions

This assignment requires students to explain why they made these decisions in creating the databases.

* Identify tables in the database
* Determine primary keys
* Determine additional fields
* Determine data types
* Determine field sizes
* Determine captions
* Determine how to add records

Students also should explain what field they decided to use for the primary key and why.

* Client Number is the primary key for the Client table because it uniquely identifies each client.
* Marketing Analyst Number is the primary key for the Marketing Analyst table because it uniquely identifies each marketing analyst.