

Final Database Project Rubric

100 points

Written Responses	10	8	6	4	2
Define the Problem	The problems are described in depth. The context of the educational situation is explained. The specific research questions to be answered are listed. The specific reports necessary for answering the questions are explained.		The problems are described but not in depth. The context of the educational situation is mentioned by not explained. Research questions identified are not too specific. Reports are listed but not specifically linked to the questions identified.		The problems are identified but not defined. No context is included. No research questions are identified. Reports are not mentioned.
Identify the Tables and Fields	The table/field structure is explained. Necessary tables are listed and described. Necessary fields are listed and described.		How problem can be addressed using electronic DB is described but not in depth. How an electronic DB can improve past system is explained but not in depth. Types of reports are identified and briefly explained.		Problem to be addressed is identified but how it will be addressed using electronic DB is not described. Little mention of how electronic DB will improve over past. Reports are identified but not described.
Coordinate and Explain the Relational Structure			The One-to-Many relationships between fields/tables are illustrated and described. The functional reasoning behind this structure is explained.		The One-to-Many relationships between fields/tables are described.

Database Structure	10	8	6	4	2
Tables					
4 classes (including 2 grades)				4 classes are used. Includes 2 grades.	
80 records			80 records are used.	70 records are used.	60 records are used
Query					
Explanation	Queries are aligned with the questions that need to be answered. The fields that are needed and the criteria used to create the query are described.		Explanation includes 2 of the following: Queries are aligned with the questions that need to be answered; the necessary fields are described; and/or the criteria used to create the query are described.		Explanation includes 1 of the following: Queries are aligned with the questions that need to be answered; the necessary fields are described; and/or the criteria used to create the query are described.
Quality	All designated queries work and retrieve the desired information as explained in the explanation.		85% of designated queries work and retrieve the desired information as explained in the explanation.		70% of designated queries work and retrieve the desired information as explained in the explanation.
Form					
Forms Created				All necessary forms are created and working	80% of necessary forms are created and working
Fields Aligned				All fields are aligned in a logical order.	80% of fields aligned in logical order.
Sequential Tab Order				Tabs thru all of fields in a logical order.	Tabs thru 80% of fields in logical order.
Fits One Screen				Forms fit on one screen.	66% of forms fit on one screen.

Reports					
Explanation	Includes in-depth explanation of what questions the report is designed to answer; how the separation for subtotals were used; what the totals signify; why the report(s) is(are) sorted by the sorting field; what answer do/does the report(s) answer about the question.	Includes at 4 of the following: an in-depth explanation of what question(s) the report is designed to answer; how the separation for subtotals were used; what the totals signify; why the report(s) is(are) sorted by the sorting field; what answer do/does the report(s) answer about the question.	Includes at 3 of the following: an in-depth explanation of what question(s) the report is designed to answer; how the separation for subtotals were used; what the totals signify; why the report(s) is(are) sorted by the sorting field; what answer do/does the report(s) answer about the question.	Includes 2 of the following: an in-depth explanation of what question(s) the report is designed to answer; how the separation for subtotals were used; what the totals signify; why the report(s) is(are) sorted by the sorting field; what answer do/does the report(s) answer about the question.	Includes 1 of the following: an in-depth explanation of what question(s) the report is designed to answer; how the separation for subtotals were used; what the totals signify; why the report(s) is(are) sorted by the sorting field; what answer do/does the report(s) answer about the question.
Design		Reports have column titles align with data; subtotals and/or totals are included as necessary to answer identified questions.		Reports include 1 of the following: column titles align with data; subtotals and/or totals are included.	
Final Description Provide a final explanation of your findings based upon your questions. Describe how your queries and reports support your findings.	Each of the questions is thoroughly addressed & answered based upon the findings. Each of the answers references the queries and reports that were used.		90% of the questions are thoroughly addressed & answered based upon the findings. Each of the answers references the queries and reports that were used.		80% of the questions are thoroughly addressed & answered based upon the findings. Each of the answers references the queries and reports that were used.
Subtotals					
Total					