

Database Project Evaluation Rubrics

Criterion (Weight)	3 Exemplary	2 Satisfactory	1 Needs Improvement	Score (Weighted)
EER Notation	Diagram uses an appropriate EER notation. The notation is used correctly for all elements of the diagram.	Diagram uses an appropriate E-R notation. The notation is used correctly for most elements of the diagram.	Diagram does not use an appropriate E-R notation or uses a notation incorrectly for most or all elements.	
EER Complexity	The required number of tables and foreign key relationships will be needed to implement the database.	As drawn, the required number of tables and foreign key relationship may not be needed, but the required complexity can be achieved with minor changes.	The required number of tables and foreign key relationship will not be needed. It is unclear how the project could satisfy the required complexity	
EER Attributes and Keys	Diagram captures all attributes and primary keys necessary for a database that would satisfy the initial problem statement.	Diagram captures most attributes and primary keys necessary for a database that would satisfy the initial problem statement.	Diagram captures none or few of the attributes and primary keys necessary for a database that would satisfy the initial problem statement.	
EER Relationships	Diagram captures all relationships necessary for a database that would satisfy the initial problem statement.	Diagram captures most relationships necessary for a database that would satisfy the initial problem statement.	Diagram captures none or few of the relationships necessary for a database that would satisfy the initial problem statement.	
EER Professionalism	Diagram presents a professional appearance. It could be shared with a "real-world" customer without changes.	Diagram largely presents a professional tone. It could be shared with a "real world" customer with minor revisions.	Diagram is unprofessional. Major revisions would be necessary before sharing the document with a "real world" customer.	
Database Normalized Design	Show fully understand the normalization in the database design	Understands the concepts and their applications.	Demonstrates a limited understanding of the concepts	

Data Integrity	Clearly identifies all the important elements of a problem and shows a high level of understanding of the relationships between the concepts.	Identifies important elements of problems. The solution steps are not adequately completed.	Cannot identify important elements of problems and has difficulty recognizing the relationship between concepts and applications.	
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