Database Project Evaluation Rubrics

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

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