Southern New Hampshire University

IT 235 Module Three Activity Guidelines and Rubric

Overview: This activity is meant to support you as you begin the database design process. An ERD is the most common visual used in the database design process; this activity allows you to draw an ERD based on a set of entities and attributes.

Prompt: Using Visio and crow's foot notation, design an ERD that uses the entities and attributes noted in the below table. Be sure you correctly notate the entity name, the attribute name, the key fields (primary and foreign), and relationships on your ERD.

Customer	Order	OrderDetail	Product	Employee
CustomerID (PK)	OrderID (PK)	OrderID (PK) (FK)	ProductID(PK)	EmployeeID (PK)
CustomerLastName	OrderDate	OrderDetail (PK)	ProductDesc	EmployeeLastName
CustomerFirstName	CustomerID (FK)	ProductID (FK)	ProductWeight	EmployeeFirstName
CustomerStreet1	EmployeeID (FK)	Qty	ProductPrice	
CustomerStreet2				
CustomerZip				

Rubric

Guidelines for Submission: Submit assignment as a Word document with double spacing, 12-point Times New Roman font, and one-inch margins.

Critical Elements	Proficient (100%)	Needs Improvement (80%)	Not Evident (0%)	Value
Crow's Foot Notation (ERD)	Uses Visio to properly draw all entities in crow's foot notation	Uses Visio to draw some entities in crow's foot notation	Does not draw entities using Visio and crow's foot notation	15
Entity and Attribute Names	All entities and attributes are listed by name	Some entities and attributes are listed by name	No entities or attributes are listed by name	25
Primary and Foreign Keys	Primary and foreign keys are notated for all entities	Primary and foreign keys are notated for some entities	Primary and foreign keys are not notated for any entities	25

Relationship Lines Between Entities/Keys	Relationship lines for all entities are shown and properly connect related entities	Some relationship lines for entities are shown and properly connect related entities	No relationship lines for entities are shown, or lines do not properly connect related entities	25
Articulation of Response	Submission has no major errors related to grammar, spelling, syntax, or organization	Submission has major errors related to grammar, spelling, syntax, or organization that negatively impact readability and articulation of main ideas	Submission has critical errors related to grammar, spelling, syntax, or organization that prevent understanding of ideas	10
			Total	**100%**