23-A-CP2404-SIN-INT-SP51 Database Modelling

Assignment-1 Rubric

Rubric Type: Percentage Range ▼

Criteria	Excellent	Good	Satisfactory	Limited	Very Limited
1)Entities (presented in Business Rules and ERD) **10%** of total grade	81 - 100% All required entities (based on the business scenario given) are included both in Business Rules and in ERD. All entities are in 3NF	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% All entities included are in 3NF but some required entities are missing either in Business Rules or in ERD ---OR---- Most required entities are included but some entities are not in 3NF (need to further normalized)	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% Most required entities are missing and most included entities are not in 3NF
Align with goals					
2)Attributes (Fields) (presented in ERD) **10%** of total grade	81 - 100% Attributes in each entity are relevant to desired information and correctly designed. All required attributes are included. Attributes are named correctly and logically	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% Some of required attributes are missing but most of included attributes are named appropriately OR Most of required attributes are included but named inappropriately	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% Most of required attributes missing or incorrectly designed (not relevant, or included in wrong entity etc.)
Align with goals					

Criteria	Excellent	Good	Satisfactory	Limited	Very Limited
3)Connectivities (presented in Business Rules and ERD) **10%** of total grade	**81 - 100%** All relationships are correctly designed and presented both in Business Rules and in ERD	**61 - 80%** Exhibits aspects of Excellent (left) and Satisfactory (right)	**41 - 60%** Most but not all (more than 50%) relationships are correctly designed and presented in Business Rules and ERD	**21 - 40%** Exhibits aspects of Satisfactory (left) and Very Limited (right)	**0 - 20%** Most of required relatio between entities are m incorrectly designed.
Align with goals					
4)Cardinalities & Optionalities (presented in Business Rules and ERD) **10%** of total grade	**81 - 100%** All cardinalities and optionalities are appropriately designed and presented both in Business Rules and in ERD.	**61 - 80%** Exhibits aspects of Excellent (left) and Satisfactory (right)	**41 - 60%** Most but not all (more than 50%) cardinalities and optionalities are correctly designed and presented in Business Rules and ERD	**21 - 40%** Exhibits aspects of Satisfactory (left) and Very Limited (right)	**0 - 20%** Most of required cardir and optionalities are m incorrectly designed.
Align with goals					

Criteria	Excellent	Good	Satisfactory	Limited	Very Limited
5)Relationship Names & Relationship Strength (presented in ERD) **10%** of total grade	81 - 100% All relationships presented in ERD are appropriately named and well corresponded to Business Rules. All relationship strengths (weak or strong) is appropriately designed and correctly presented in ERD (dotted line or solid line)	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% About 50% of relationships presented in ERD are appropriately named and well corresponded to Business Rules. About 50% of relationship strengths (weak or strong) is appropriately designed and correctly presented in ERD (dotted line or solid line)	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% Most relationship name missing. Most relations strengths are not prese appropriately
Align with goals					
6)Primary keys **10%** of total grade	81 - 100% All primary keys are correctly identified and unique	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% Most but not all (more than 50%) primary keys are correctly identified and unique	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% Most primary keys are properly identified or n unique
Align with goals					

Criteria	Excellent	Good	Satisfactory	Limited	Very Limited
7)Foreign keys **10%** of total grade	81 - 100% All necessary foreign keys are correctly identified	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% Most but not all (more than 50%) necessary foreign keys are correctly identified	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% Most foreign keys are n correctly identified
Align with goals					
8)ERD - Overall diagram layout and presentation **10%** of total grade	81 - 100% All components included in ERD are neatly and clearly presented without unnecessary complexity	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% Some parts in ERD are not clear or easily visible due to inappropriate display of components	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% ERD is not included or attempted but mostly inappropriate
Align with goals					

Criteria	Excellent	Good	Satisfactory	Limited	Very Limited
Align with goals					
9)Advanced modelling features (supertype/subtype/specialization hierarchy/etc) **10%** of total grade	81 - 100% All advanced features are neatly and clearly presented without confusion.	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% Some advanced features are presented or they are incorrect or incomplete.	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% No advanced concepts expressed or are mostly incorrect.
Align with goals					
10)Your Assumptions, Justifications, Limitations and Business Rules **10%** of total grade	81 - 100% All required items are appropriately made and listed; and correctly incorporated in the ERD.	61 - 80% Exhibits aspects of Excellent (left) and Satisfactory (right)	41 - 60% Most, but not all required items are appropriately made and listed; and correctly incorporated in the ERD.	21 - 40% Exhibits aspects of Satisfactory (left) and Very Limited (right)	0 - 20% Required items are not attempted; Or mostly in or not incorporated in t
Align with goals					