IS439 – Web Development Using Application Frameworks
Instructor: Kevin Trainor
Assignment: Logical Database Design Assignment
Course Component: Coding Assignments
Grading Rubric

Base Point Allocation

Base Points (23 available points)

Requirements
Assignment submitted on-time or within the allowable late period.

Percent Credit	Description
100	Meets all expectations.
0	Not submitted or submitted too late.

Submission

Timeliness (16 available points)

Requirements
Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
0	Late
0	Not submitted or submitted too late

File Submitted (10 available points)

Requirements
Only 1 file should be submitted.
File type must be .PDF
Filename of submitted file must conform to the assignment instructions.
File must be submitted to the proper Canvas submission activity.

Percent Credit	Description
100	Meets all expectations.
50	Meets nearly all expectations.
0	Does not meet expectations.
0	Not submitted or submitted too late.

Exercise 1 (Required)

Completeness (23 available content points)

Requirements
The data model supports all of the functional and non-functional requirements for the required portion of this assignment.
All problems identified while reviewing the conceptual data model have been resolved.
All repeating elements have been removed.
All redundant attributes have been removed.
All redundant relationships have been removed.
All misplaced attributes have been properly located.
All misplaced relationships have been properly located.
All free-form text attributes have been replaced with relationships to lookup entities.
Many-to-many relationships have been resolved by adding associative tables.
Unique identifier attributes have been marked as primary keys.
Foreign key attributes have been added to implement relationships.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (23 available content points)

Requirements
Diagram is drawn using the Information Engineering (IE) ERD notation.
All entity rectangles are properly drawn and named.
All attributes are properly listed and named on the appropriate entity.
All relationship lines are properly drawn and named.
Cardinality indicators on all relationship lines are correct.
All relationships are implemented with a foreign key.
Foreign keys are only indicated on one side of the relationship.
On one-to-many relationships, foreign keys are implemented on the many side.
All good practices covered in the lecture and in the tutorial video have been followed.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Exercise 2 (Optional Challenge Exercise)

Completeness (3 available content points)

Requirements
The data model supports all of the functional and non-functional requirements for the optional challenge exercise portion of this assignment.
All problems identified while reviewing the conceptual data model have been resolved.
All repeating elements have been removed.
All redundant attributes have been removed.
All redundant relationships have been removed.
All misplaced attributes have been properly located.
All misplaced relationships have been properly located.
All free-form text attributes have been replaced with relationships to lookup entities.
Many-to-many relationships have been resolved by adding associative tables.
Unique identifier attributes have been marked as primary keys.
Foreign key attributes have been added to implement relationships.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (2 available content points)

Requirements
Diagram is drawn using the Information Engineering (IE) ERD notation.
All entity rectangles are properly drawn and named.
All attributes are properly listed and named on the appropriate entity.
All relationship lines are properly drawn and named.
Cardinality indicators on all relationship lines are correct.
All relationships are implemented with a foreign key.
Foreign keys are only indicated on one side of the relationship.
On one-to-many relationships, foreign keys are implemented on the many side.
All good practices covered in the lecture and in the tutorial video have been followed.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Total Available Points = 100

Please Note: This grading rubric allows for adjustments to be made to your content point score. The total number of content points available to be awarded on this assignment is 51. An adjustment of up to 36 content points may be made for submissions that have a low content point score and yet meet the following criteria: Assignment must be submitted on time. Work submitted must show good faith effort on all REQUIRED EXERCISES. It is possible to qualify for the points adjustment without having submitted work on the OPTIONAL CHALLENGE EXERCISE.