**ISS4014 – Database Systems and Web Integration**

**Chapter 04 – Team Case**

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| **Team Members:** |  |
| **Date:** |  |

**Chapter 04 Case Problems (30 points)**

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| For the following ERD problems:   * Make sure to include attributes that are specified in the instructions and/or business rules. * Remember to identify the Primary Keys (PKs) and Foreign Keys (FKs), where applicable. * If no attributes beyond the Key attributes are specified, add at least 2 more attributes which seem reasonable to the entity. * Remember to show the appropriate cardinalities using crow’s foot notations and the type of relationship (identifying or non-identifying). * ERDs should be well-formed, with entities and relationships clearly visible with minimal crossing lines. |

**Chapter 04 Case Problem 11. (15 points).**

Using the description in the text (starting on page 159) develop a complete ERD using MS Visio or MySQL Workbench Designer. Create the ERD using crow’s foot notation and show the relationship between the entities, their cardinality, and a relevant verb. Define the attributes, primary key, and foreign key. Paste an image of the completed ERD below **AND** submit the completed .vsd or .mwb file along with this Word document.

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| ***<Paste ERD Here>*** |

**Chapter 04 Case Problem 12. (15 points).**

Using the description in the text (starting on page 160) develop a complete ERD using MS Visio or MySQL Workbench Designer. Create the ERD using crow’s foot notation and show the relationship between the entities, their cardinality, and a relevant verb. Define the attributes, primary key, and foreign key. Paste an image of the completed ERD below **AND** submit the completed .vsd or .mwb file along with this Word document.

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| ***<Paste ERD Here>*** |

**Team Report: (up to -10 points if not complete).**

Meeting(s) time and place (and method):

Who attended the meeting(s):

List each team member's name, what they did to help complete the assignment, and how much time they spent: