Database Design
Spring 2015
Lab 3 – Logical Model

Submission Format: Online on D2L Dropbox as a PDF document

Create the logical model from the ERD you created in the first lab. Convert the original entity-relationship diagram (ERD) into **third normal form** relations. Convert each entity into a table(s) and specify the table name, fields, primary key(s), and foreign key(s). State all assumptions made.

Use <u>solid underline</u> for primary key(s) and <u>dashed underline</u> for foreign key(s). You may use either a <u>double underline</u> or a <u>solid and dashed underline</u> for any field(s) that is both a primary and foreign key.

Example: TABLE_1 (<u>Field_Name1</u>, Field_Name2, …, <u>Field_NameN</u>)

     TABLE_2 (<u>Field_Name1</u>, Field_Name 2, Field_Name3, …, Field_NameN)

Hint:

To create dashed underline in Word: select the text ➔ right-click ➔ select "Font" ➔ go to "Font" tab, click the down arrow for "Underline style" ➔ select the dashed style.

To create a double underline in Word: see dashed underline instructions above and select double underline.

To create a solid and dash underline in Word: underline text like normal (solid underline) ➔ To create the dashed line go to the "Insert" tab ➔ click the down arrow on "Shapes" ➔ Draw a line ➔ Right-click on line and select "Format Autoshapes" ➔ go to the "Colors and Lines" tab, click the down arrow for "Dashed" ➔ select the dashed style.

Submission:

1. Name your document with your last name and lab number (e.g., jarman_lab03.pdf)

2. Ensure you have submitted your assignment to D2L. Many times, you have loaded your assignment, however, you have not submitted and I, therefore, do not have access to it. Also, ensure the document you submit to D2L can be downloaded and opened. If for whatever reason, I either cannot download your document or cannot open it, that is the same as not submitting it and you will receive a zero for the assignment.