

INLS 523 Database I

Assignment 2: Due on October 3rd.

Please submit your answers in electronic format to the TA: pu@email.unc.edu.

Task 1

Deliverable 1:

Add to the data model you previously created for Assignment 1 a product review entity (if you do not already have it). Next, convert the data model of the software vendor's customer and transaction (or inventory) information to a database schema. Make sure you indicate all the primary keys and the foreign keys. Avoid inventing new keys if an existing attribute or a set of attributes can serve as a PK.

Task 2

Deliverable 2:

Indicate the referential integrity constraint by drawing a directed arrow between each of the FKs and the PKs (see example below).

Example of a schema representation.

Figure 5.7

Referential integrity constraints displayed on the COMPANY relational database schema.

