

Computer Science 361 – Spring 2014

Team Project – Phase 2

Due: Tuesday, 4/01/14 at 11:30AM

In this phase, you will provide a relational schema design for your project

Submit in hard copy form, by the deadline specified above, the following deliverables:

1. A revised E/R diagram that corrects all the flaws and inconsistencies you find in the version of your E/R diagram submitted for in Phase 1.
2. Schema definitions for the relational model that you derive from your E/R diagram.
 - a. These should be in the form of SQL CREATE TABLE statements that include PRIMARY KEY and FOREIGN KEY constraints and work on a MySQL database (Logins will be provided). Limit the data types you use to the following (using the appropriate MySQL equivalents, if different):
 - BIGINT
 - BOOLEAN
 - CHAR
 - DATE
 - DOUBLE
 - FLOAT
 - INTEGER
 - REAL
 - SMALLINT
 - VARCHAR
 - b. These schemas must exhibit a relational design that has been refined and is now in either 3NF or BCNF. For each table, briefly write a sentence explaining/justifying why it is in 3NF or BCNF.