Client Checkpoint #3

Starting your Client Database in SQL
(this is a team project)

MS SQL Client Database – Build multiple tables, relationships, and populate the tables with sample data to support your team's prototype

1. In your MS SQL Database the team should design the tables for your project as described later

2. Please review User Guide 2.0 on the class web site for guidelines related to table and attribute naming conventions in SQL.

3. Review Checkpoint One (client project overview) for help with the data necessary

4. As you build your tables:
   a. Field/attributes names should be clear and in camel case
   b. Create a primary key (or keys) as needed
      i. Remember to set Identity = true where appropriate
   c. Create the proper field/attribute types and sizes for your fields/columns

5. All teams should build at the following tables (look at your physical design diagram we did last semester – Group Project #3)
   a. person
   b. validRole
   c. Association (junction) table for the above two (name it personRole)

6. Build and save a Database Diagram to demonstrate the relationships between all your tables as appropriate.
   .
7. Populate all your tables with at least 3 records each, you should populate in the following order to reduce data integrity issues: 1) do the prime tables (tables first), 2) then populate the association tables insuring you are using the keys from the two primary tables.

8. Create a select stored procedure (personSelectAll), that will pull all person information (except pwd) and their role (using the role description). Sort by the person's lastname and then firstname.

Grading for Project3: When the database is ready for grading
   a. One member per team should go to Canvas, and for Project 3, the database is ready for grading.

      b. Place the name of the database in Canvas

      c. Place the name of all team members in the Canvas message.

MIS 413 – CP#3 Grading
100 Points Max

Overall:	
10	Relationship Diagram Build
15	Each table populated with at least 3 records
Tables	
30	Proper Tables Built to support the prototype
30	Field Names, Types, Sizes appropriate
Query	
15	Select query, named appropriate and displays data as desired.