# ITEC 3200 Database Semester Project

# OVERVIEW

You will start with your approved ER Diagram, and create an SQL script that will implment all of the tables. If your ERD has not been approved by Dr. Pollacia, contact her immediately and do not proceed to the implementation.

**PART II: IMPLEMENTATION**

1. In MySQL Workbench, create a new SQL script, saved it as **Part2\_TeamNN, where NN is your team number**.
2. Start by writing documentation (comments) at the top of the script. Put your team number and team names. Also put “ITEC 3200” and the semester, along with a brief paragraph describing your application.
3. Next put the code to create a separate schema for your Semester project. This is similar to the code used for your DDL-DML Homework. Create a folder that has the Section number and your team number. For example if you are enrolled in Section 1 and you are Team 6, then create a schema called Section1\_Team06, as follows:  
     
   DROP SCHEMA IF EXISTS Section1\_Team06;

CREATE SCHEMA Section1\_Team06;

USE Section1\_Team06;

1. DDL – Create the parent (primary) tables first – these are the tables without any foreign keys. Next create the child tables – these are the tables that have foreign keys that reference the parent tables.
2. DML – use INSERT statements to insert 7 – 15 rows into each of the tables. You may add more data, if you prefer. The order of the INSERT statements mirrors the order of the CREATE table statements. Make sure that your foreign key values match the primary key values in the parent tables.
3. You must debug any errors. Check for missing commas and parenthesis, misspelled words, foreign keys that have no parent key, etc. When you have completely debugged your script, you should have all green check marks in the Output window when it is run.
4. Upload the completed and debugged SQL Script (**saved as Part2\_TeamNN, where NN is your team number**) to the D2L Assignment box **SEMESTER PROJECT Part 2**. Only one person of the team needs to upload the script.