**Student Projects Chapter 7 - Drawing a UML Diagram and Creating an Object-Oriented Database for the Student Project**

Read the sample project steps for this chapter and apply the same techniques to the student project that you are developing.

* 7.1 - Create a UML diagram for the Student Project
* 7.2 - Convert the UML diagram into an Object-Oriented database model and write the ODL for the schema.
* 7.3 - Using InterSystems Caché or another object-oriented DBMS, create an object-oriented database for your schema. Note: If you are using InterSystems Caché you should complete the student laboratory exercise for this topic prior to doing this step. You might also watch the demonstrations and do the tutorials on this topic on the InterSystems Caché website.
* 7.4 - Enter at least five records for each class in your database. If you are using InterSystems Caché you should complete the lab for this topic prior to doing this step. Be sure to create relationships between records, as shown in the laboratory exercise, using the Caché Terminal.
* 7.5 - Write out some queries for your database and print out the questions, the queries, and the results.