Go to Canvas for information to connect to the shared instance of Oracle on AWS.

Things you will need to do this assignment:

* Credentials/details how to connect to AWS
* SQL Developer download from Oracle.com

Add new table School, with School\_ID (number) and School\_name(varcahr2(30)).

Add new SCHOOL\_ID column in all of the tables (course, section, etc).

Add SCHOOL\_ID to all the PKs. First, kill all the existing FKs, then all the existing PKs, then add SCHOOL\_ID to the PK for all the old tables, then add the new FK incorporating the new SCHOOL\_ID column.

You’re going to have to add a record to School so the PK/FK works. New record is School\_ID = 1, School\_Name = ‘University of Delaware’. Set the appropriate FK values (course, section, etc).

Create an insert & update trigger for Course, Section, Student and Enrollment that will automatically update columns.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **CREATED\_BY** | **CREATED\_DATE** | **MODIFIED\_BY** | **MODIFIED\_DATE** |
| **Update** | DO NOT CHANGE | DO NOT CHANGE | Current User | Current Date |
| **Insert** | Current User | Current Date | Current User | Current Date |

The triggers should:

* Name the trigger TRG02\_<table>. Example TRG02\_COURSE
* Should be a ‘BEFORE INSERT or UPDATE’ trigger

The following code should be included… in one script… in order:

1. Create the School table (table, columns, keys).
2. Insert a row in the School table (described above)
3. Update the existing tables and add the School\_ID foreign key.
4. Update the foreign key value to the row you inserted into School.
5. Get rid of existing FKs
6. Get rid of existing PKs
7. Redefine PKs.
8. Redefine FKs.
9. Create new footprint triggers.

Use USER\_CONSTRAINTS and USER\_CONS\_COLUMNS to determine the constraint & columns for steps 5 & 6).

