

# ITSE 2309 – Introduction to Database

## Lab 12 Assignment

Name your file *last\_name\_Lab12.sql* (Example: Ortigo\_Lab12.sql)

Include your name, course, and section in your sql file. Also, number each of the questions in your sql file.

Create each SQL statement in all three dialects.

1. Write the code to create the STUDENT table with constraints. Create all constraints at the column level.

Attribute	Data Type	Business Rule
STUDENTID	7 numeric digits	Primary Key
FNAME	20 alphabetic characters	Not Null
LNAME	30 alphabetic characters	Not Null
BIRTHDATE	Date	Not Null

2. Write the code to create the PHONE table with constraints. Create all constraints at the table level.

Attribute	Data Type	Business Rule
PID	5 numeric digits	Primary Key
STUDENTID	7 numeric digits	Foreign Key (STUDENT-STUDENTID), Not Null
PHONENUMBER	12 alphanumeric characters	Not Null
PHONETYPE	15 alphabetic characters	Not Null

3. Add the following column to the STUDENT table.

Attribute	Data Type	Business Rule
GPA	4 numeric digits, with 3 decimal positions	None

4. Change the name of the STUDENT table, to the STU table.

5. Drop the PHONE table.

**Upload the single .sql file to Moodle for your assignment submission.**