

**Metropolitan State University**  
**ICS 311- 50 Database Management Systems**  
**Summer 2023**  
**Term Project – Step 3**

**Due Date: 7/20/2023**

**Points: 50**

**Write SQL Queries**

Design and clearly explain **at least twelve** query scenarios that may be useful on your database. Write SQL syntax to answer each query. A query like this: select count (\*) from tableOne, can only be used as one of the twelve. Strongly suggested to include some queries using Table Joins, Aggregates, Group By, Order By, and Having. At least one query must use a view (that you created from your application tables) in the FROM clause.

Note: the SELECT used for in the creation of the view, does not count as one of the 12 queries.

**What to Submit:**

**1-** A word document to explain your query scenarios (in good detail) along with SQL syntax to answer these queries. Make sure to include at least two aggregate queries, also some doing table joins, some order by's and group by's (in other words have a good variety that incorporates the material we have been learning).

**2.** You need to turn in the '.sql' scripts that include:

- SQL statements for your query scenarios
- SQL used to create the view

**Make sure to test your file before you submit it.**