# DAD 220 Module Three Major Activity Template

## Overview

Complete these steps as you work through the directions for this activity. Replace the bracketed text with a screenshot and brief explanation where indicated. Each screenshot and its explanation should be sized to approximately one-quarter of the page with the description written below the screenshot. Review the Template Screenshot Example linked in the guidelines and rubric for this assignment to see how screenshots for your assignment should look.

## Create a Database

1. In your online integrated development environment (Codio), **create a database schema** called Quantigration RMA that can hold tables.
   1. List the database name on the screen.
   2. Provide the SQL commands you ran to successfully complete this step.

A screen shot of a computer

AI-generated content may be incorrect.

[Here, I created a database schema called Quantigration RMA that can hold tables by using the commands CREATE DATABASE Quatnitgation\_RMA and USE Quantigration\_RMA.]

1. Connect to the Quantigration RMA schema. **Create** the following **tables with the appropriate attributes and keys** in the Quantigration RMA database using the Quantigration RMA Entity Relationship Diagram (ERD) as a reference:
   1. A table named **Customers** to store customer information with a primary key of Customer ID
      1. Provide the SQL commands you ran against MySQL to complete this successfully in your answer:

A screenshot of a computer

AI-generated content may be incorrect.

[Here, I created a table named Customers to store customer information with a primary key of Customer ID using the commands, CREATE Table Customers and DESCRIBE Customers.]

* 1. A table named **Orders** to store order information with a primary key of Order ID and foreign key of Customer ID
     1. Provide the SQL commands you ran against MySQL to successfully complete this step.

A screenshot of a computer

AI-generated content may be incorrect.

[Here, I created a table named Orders to store order information with a primary key of Order ID and foreign key of Customer ID by using the commands CREATE TABLE Orders and DESCRIBE Orders.]

* 1. A table named **RMA** to store RMA information with a primary key of RMA ID and foreign key of Order ID
     1. Provide the SQL commands you ran against MySQL to successfully complete this step.

A screen shot of a computer

AI-generated content may be incorrect.

[Here, I created a table named RMA to store RMA information with a primary key of RMA ID and foreign key of Order ID by using the command CREATE TABLE RMA and DESCRIBE RMA.]

1. Manually **add 10 records** into the **Customers table**. For now, you can make up data. In a later assignment, you will use the CSV files provided to fill in all three tables.

A screenshot of a computer program

AI-generated content may be incorrect.

[Here, I manually added 10 records into the Customers table by using commands INSERT INTO Customers (FirstName, LastName, Email, Phone) and then listing the VALUES.]

1. You’ve been asked to establish a database view called Collaborators based on the Customers table. **Create** the **Collaborators View** from theexisting Customers tableby using the SQL command belowto say "Collaborators". The view should show all instances of "Customer" renamed as "Collaborator". Execute the following statements and provide one or more supporting screenshots showing the database view.
   1. The following command is partially complete. Fill in the missing information in the brackets to complete then command and run it correctly:

CREATE VIEW Collaborator AS

SELECT CustomerID AS CollaboratorID

[Enter in the correct column names from the Customer table that you want to change in the Collaborator table]

FROM Customers;

* 1. DESCRIBE Collaborator;
  2. SELECT \* FROM Collaborator LIMIT 5;

A computer screen with text and images

AI-generated content may be incorrect.

[Here, I created and described the Collaborator VIEW.]