# DAD 220 Module Three Major Activity Database Documentation Template

## Overview

Complete these steps as you work through the directions for this activity. Replace the bracketed text with your screenshots and brief explanations of the work they show. Each screenshot and its explanation should be sized to approximately one quarter of the page, with the description written below the screenshot. Follow these rules for each of the prompts and questions below. Review the example document for help.

## Create a Database

1. In your integrated development environment (IDE), **create a database schema** called QuantigrationRMA. List out the database name. Provide the SQL commands you ran to successfully complete this in your answer, then connect to it:

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To create the database, I ran the command:

CREATE DATABASE QuantigrationRMA;

1. Using the entity relationship diagram (ERD) as a reference, **create** the following **tables with the appropriate attributes and keys**:
   1. A table named **customers** in the QuantigrationRMA database as defined on the project ERD. Provide the SQL commands you ran against MySQL to complete this successfully in your answer:

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Create table Customers by using:

CREATE TABLE Customers(

CustomerID (PK) INT,

FirstName VARCHAR(25),

LastName VARCHAR(25),

Street VARCHAR(50),

City VARCHAR(50),

State VARCHAR(25),

ZipCode INT,

Telephone VARCHAR(15));

* 1. A table named **orders** in the QuantigrationRMA database as defined on the project ERD. Provide the SQL commands you ran against MySQL to complete this successfully in your answer:

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Creating the table Orders by using:

CREATE TABLE Orders(

OrderID (PK) INT,

CustomerID INT,

SKU VARCHAR(20),

Description VARCHAR(50));

* 1. A table named **rma** in the QuantigrationRMA database as defined on the project ERD. Provide the SQL commands you ran against MySQL to complete this successfully in your answer:

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Creating the table RMA in the QuantigrationRMA database by using:

CREATE TABLE RMA(

RMAID INT,

OrderID INT,

Step VARCHAR(50),

Status VARCHAR(15),

Reason VARCHAR(25));

1. Manually **add 10 records** into the **Customers table**. The data can be made up for now, as you you’ll populate all three tables later from the provided CSV files.

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Populating the Customers table with 10 records.

1. **Update the existing Customers table** by using the SQL command provided belowto say "Collaborators." The view should show all instances of "Customer" renamed as "Collaborator."

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All instances of Customers table are renamed into the collaborator VIEW table as collaboratorID, collaboratorFirstName, collaboratorLastName, etc...

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When selecting five rows from the collaborator table after changing the names FROM the customers table into the collaborator table it still shows the information.