

Project Milestone 3: Database Design

Due. Wednesday, July 3rd, 2019

What To Do

Part 1: Database design

The application you are building will likely make use of some data. For this project milestone, you will construct your data model.

Create a document that visually depicts the contents and structure of your database. For example, if you are using a relational model, you should create an entity-relationship diagram with [Crow's Foot Notation](#) that depicts all the entities, attributes, primary keys, foreign keys, etc. Your design must include **at least 2 tables**.

Part 2: DBMS and SQL scripts

Step 1. Select your DBMS software. PostgreSQL and MySQL are highly recommended.

Step 2. Write a SQL script for creating the database and the tables within your database.

Step 3. Find data to populate your database with. Make sure you have enough data necessary to conduct initial application testing.

Write a SQL script for populating your database with your data. You can append this script to the script for creating your database.

Step 5. Upload (add, commit, and push) your SQL script(s) to your project GitHub repo.

What To Turn In

As a group, you will submit a single PDF document named "Database-Design-<Team Name>.pdf" containing your entity-relationship diagram (or a different database diagram if you choose not to use a relational database) AND a link to your SQL script(s) in your GitHub repository. Only one member of your group must submit this document.