

Milestone 4 -- Database Design

Due Sunday, November 18, 11:59 p.m.

The database design is the fourth deliverable required from the team. All the information listed below should be included and the database should be in place by midnight on the due date. This milestone is worth 45 points toward your total project score.

Database Software, and Database Creation Scripts	Select your DBMS software. Create your database and populate it with ample data necessary to conduct initial program testing. Creating and populating the database should be done using sql (or other notation/language such as XML or JSON) scripts. These scripts should be included in your github repository.
Data Model	Create a document that visually depicts the contents and structure of your database. For example, an entity relationship diagram showing all database tables, attributes, primary keys, foreign keys and relationships between tables. If your database is NOT relational, you still must provide a visual depiction of the data entities and attributes required for your app.

Submission format: This project milestone 4 submission should be a PDF named ProjectMilestone4_<TeamName> included in your github repository. This document should include a diagram or visual representation showing your database model as mentioned above and a link to your sql (or other) scripts in github used for creating and populating your database.

Milestone 1	40 points	Project Proposal
Milestone 2	35 points	Project Tools & Agile Methodology
Milestone 3	50 points	Individual Student Meetings and Project Demo
Milestone 4	45 points	Database Design
Milestone 5	25 points	Application testing plan
Milestone 6	40 points	Project Presentations
Milestone 7	50 points	Final Submission
Milestone 8	15 points	Peer Evaluation and Project Reflection