

Milestone 4 Database Design

Due Sunday, April 8, 11:55 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.

Database Software, and Database Creation Scripts	Select your DBMS software. (MySQL is recommended.) 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 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. Your design should include at least 2 tables.

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

If you are not using a relational database (we recommend MySQL), you must submit a justification report explaining your data architecture, data storage, data retrieval, etc., and requesting an exception.

If your app will not have registration/log in capabilities, you must submit a justification report describing the security measures built into your application and how individual users are authenticated and tracked, and requesting an exception.

Staff reserves the right to deny any requested exceptions.

Milestone 1	40 points	Project Proposal
Milestone 2	30 points	Project Tools & Agile Methodology
Milestone 3	40 points	Individual Student Meetings and Project Demo
Milestone 4	40 points	Database Design
Milestone 5	30 points	Unit Testing
Milestone 6	40 points	Project Presentations
Milestone 7	50 points	Final Submission
Milestone 8	10 points	Peer Evaluation and Project Reflection