

# Project Milestones

CSC 261 (Database), Spring 2020, University of Rochester  
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## Introduction

It is the milestone introduction for this semester-long project! This time, you will culminate your project with semester-long learning. Remember the beginning of the semester, when most of you had a little knowledge about how to build a database and create a web-interface. Below is the introduction of each milestone for the final project. The submission time is not finalized, but I will follow this schedule if it does not conflict with any other schedules.

**Milestone1: Make a proposal and find your teammates. (Jan.23 - Feb.03)** In milestone1, you need to hand in a report which contains an overview of your project proposal. You also need to find your teammates (up to 3 students per team). You need to report the workload percentage every milestone, and we will grade the milestones based on the milestone performance and your contribution.

**Milestone2: Draw an ER diagram and Complete the Relational Database Design Using ER-to-Relational Mapping. (Feb.13 - Feb.27)** This ER diagram should reflect the proposal you have submitted. You should start afresh, and this time begin with designing the ER diagram. Start with the basic entity sets you described in your proposal and then add/remove/modify entities, attributes, and/or relations to your model. Once the ER diagram is ready, you need to convert the ER model into relations.

**Milestone3: Build the complete website. (March.05 - Mar.20)** In milestone 3, you have provided us with your relations in your database, plus a couple of examples of connecting your website to your database.

**Milestone4: Consider the UI and robustness. (April.02 - Feb.22)** In milestone 4, you need to make your database user-friendly and robust to unexpected user input.

Note: As you will be quite busy with other projects towards the end of the semester, we strongly suggest that you finish Project 1 as early as possible. The due date should not make you wait for the last moment as there will be other projects due around that time (along with term papers (for grads) and the final exam)