

Course 1-02-322: Database Systems

Semester Project

Project Overview

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An important segment of the course is the student database project. Students will develop their database projects in teams of up to 3 students. Individual students may work alone if they choose.

In the first Targil of the course, the professor will give an outline of the expected scope and size of the semester project along with a list of project suggestions. Students may choose a project from the list or choose another topic. Only *one* team may work on a given project topic. Students must submit their topic choice for approval by **25 October**.

1 Phases and Deadlines

The student project will be developed in phases during the semester. As topics are covered in class, students will be required to submit the relevant documents, design, or code for their project submission. The submissions will be graded as assignments during the semester and grades assigned at each phase:

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Date	Project Phase	What is due	Weight
11 Nov	Entity-Relationship Diagrams	ERD for the project	25%
7 Dec	Relations	Relations, Keys based on the ERD	25%
30 Dec	Views	Views for reports	20%
17 Jan	Active DB	Triggers, Stored Procedures	20%
19 Jan	Final Presentation and Report	Presentation and Report	5%
	Timeliness of submissions		5%

The project will be graded as a whole at the end of the semester after the final submission of the project with weights given to the individual parts as shown above. The dates shown above and the 5% “timeliness” grade are to help students pace themselves throughout the semester.

2 Meetings during the semester

During the course of the semester, each group is expected to meet with the instructor during office hours to discuss each phase as it is submitted (at least four times, once per phase). During the meeting, the instructor will give feedback on the group’s work and guidance for what needs to be corrected or improved.

Students are allowed to improve phases of their project after initial submission for use in subsequent phases and inclusion in the project report. After submitting an update, the team may (on their own initiative) come to the instructor for a followup meeting to discuss the changes.

At each phase in the project, detailed instructions about what is expected to be submitted will be given to the students and posted on the course information system.

3 Presentation

Each student team will present its project during the last Targil of the semester on 19 Jan. Each student team must have at least **one** representative at the 19 Jan lecture session to present their project. Teams who do not present their project will be assigned **0** points for the presentation phase of their project.

During the presentation, the team must show the instructor a working copy version of the database. The working copy may be shown on one of the team's personal computers or on a lab computer.

4 Project Report

Students must also submit a project report including all design and development documents related to the project. A short user guide and self-evaluation section must be submitted as well.

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5 Grading

The Project Report phase will be a composite grade for the entire project, taking into consideration the overall execution of the project, including scope, ambition, and execution.