SE322: Software Intensive Systems Engineering	Semester Project
Semester 2 5785	Due: N/A
Lecturer: Michael J. May	Kinneret College

Project Overview

During this course, you will iteratively develop a software systems project. You will design the system, specify its parts, create screens for its user interfaces, prepare sample databases, and partially design the class structure for it. The work will parallel the tools and techniques taught in class, so you'll have some practice working on the tasks in class before you need to do them for the project. The project will be documented using the same template/format that we used for the ePark example in class. The documents you'll produce are:

1. A user story

2. A requirements table

3. A *Software Requirements Specification (SRS)* for the software system

4. A *Systems Analysis and Design (SAD)* for the software system

5. A *Software Design Document (SDD)* for the software system

The system that you're going to build is the one that you described in the user story for Phase 0.

There will be two design reviews during the course of the semester for which you will be graded on the (partial) work submitted so far. For the final evaluation, the parts of the project will weighted as follows:

- User story: 5%

- Requirements: 15%

- SRS: 30%

- SAD: 30%

- SDD: 15%

- Code: 5%

1   Submission Iterations

You will submit the project in three iterations over the course of the semester. The table below summarizes what you'll submit in each iteration.

Project Phase	Date	What is due	Weight
User Story	27 March 2025	User story	0%
Iteration 1	14 May 2025	Requirements, partial SRS	15%
	15 May 2025	Design Review 1	
Iteration 2	11 June 2025	Requirements, partial SRS, Partial SAD	15%
	12 June 2025	Design Review 2	
Final Submission	30 June 2025	All complete documents	70%

1.1 How to Submit

All document submissions must be made via Moodle. All members of the team must submit the work via Moodle. If a student does not submit the work via Moodle, he will not receive a grade for the iteration or project, even if his name appears on the project documents.

1.2 Design Reviews

After iterations 1 and 2, there will be design reviews in which each team will present their work to the class. Details about the design reviews are found in separate iteration explanation files.

Students or teams who miss the design reviews for any reason (except Miluim and birth) will not receive a grade for the iteration.

2 About the Iterations

Details of each iteration, what to do, and what to submit are found in separate files.

3 Academic Integrity

As with all projects and homework, academic integrity principles apply to the project. I expect all student work submitted to be the work of all teammates and not derived from external sources. If you have any questions about what is permitted with respect to using material from external sources, ask.

In general teams will receive a single grade for each submission, but a student who does not participate or contribute significantly to the project effort will not receive a grade!

Any project work which does not meet expectations or which does not reflect the work of the students on the team will not receive a grade. See the syllabus for more details.