

The Project

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Purpose of the Project

- You will be working on a project in this course.
- The purpose of the project is to reinforce the concepts discussed in class.
 - The best way to learn a skill is by doing. The project gives you the opportunity to try out the methods taught in class on a realistic problem.
- The main objectives of the project are to document the requirements, analysis, and design for a software solution to a problem.

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Scope of the Project

- You will be reinforcing the methods discussed throughout the semester. Thus you will be actually doing OO Requirements Specification, OO Analysis Modeling, and OO Design Modeling.
- Since you will not be implementing in an OO language, OO Coding and OO Testing are not part of the project. However, we will be considering the ramifications of implementation in particular OO languages toward the end of the project.

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Deliverables

- You will hand in three deliverables throughout the semester.
- You will receive a written assignment for each deliverable.
- Each deliverable is a snapshot of the project during its evolution.
- The three deliverables are
 - Requirements Models
 - Analysis Models
 - Design Models

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How You Will Be Graded

- You may choose to work independently or as a member of a team of up to three people.
 - If you work in a team, all members of the team will receive the same grade. That is, the product of the team will be graded, not the effort of individual members. This promotes teamwork among the members of the team, and simulates the real world, where projects are done by teams.
- The grade will be based on an evaluation of the deliverables.
 - Remember that the purpose of the project is to reinforce the concepts and methods discussed in class.
 - The better job you do of applying these concepts and methods, the better your grade

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Use of CASE Tools

- If the members of your team have access to any tools, then, by all means, use them.
- This is not a course in tool usage, however. The concepts are much more important.
- All of the diagrams can be created using any drawing tool, or can even be drawn by hand if necessary.

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