The objective of the Project 2 Requirements Documentation is to increase the complexity of applying UML modeling techniques to a project. A secondary objective is to partition what the system does (requirements) and how it is implemented in software (design).

Several changes to the project between Project 1 and Project 2 include:
- Increase the domain complexity of the systems;
- Need to interface with at least one other group.

As always, the content of the requirement document is described on page 2. In general, the form is to first describe the notation of the diagram type. Next, the diagram for the group’s specific application is given. Finally, the diagram for the system is textually described in full.

The Requirements Document is a system-level view of the implementation focusing on what the system does, rather than how the code is implemented. Thus all diagrams should focus on describing system-level functionality easily understood by a customer. As an example, the system level class diagram contains only responsibilities that are necessary to describe the class. No class attributes or operations are expected in the requirement document.
EECS 486 Object Oriented Methodology
Project 2 Requirements Grading Template

Introduction
  10 points

Overview

System Level Requirements

Use Cases
  20 points
  Notation Description 5 pts
  System Level Use Case Diagram 10 pts
  Use Case 1 Description 5 pts
  : Use Case n Description

Structural Model
  20 points
  Notation Description 5 pts
  System Level Class Diagram 10 pts
  Class Diagram Description 5 pts

Behavioral Analysis

State Behavior
  20 points
  Notation Description 5 pts
  System Level Statechart Diagram 10 pts
  Statechart Diagram Description 5 pts

Interaction Behavior
  25 points
  Sequence Diagram Notation Description 5 pts
  Sequence Diagram: Scenario 1 7.5 pts
  Sequence Diagram Description 2.5 pts
  Sequence Diagram: Scenario 2 7.5 pts
  Sequence Diagram Description 2.5 pts

References
  5 points

Note: Approximately 2/3 of the points are awarded for content and 1/3 of the points are awarded for form.