Project Part II: Specification

Due: Monday, March 26, 2007 @ 9:00 pm (single file attachment, by email; hardcopy optional)
Points: 50
Weight: 8%

For Part II of the project you should write a **Software Requirements Specification (SRS)** document with the following structure:

0 Table of contents.

1 Abstract: 100-200 words – you can reuse the abstract you wrote for Project Part I

2 Introduction: 400 to 500 words – refine and reduce somewhat the text you wrote for Project Part I

3 Requirements specification: functional and non-functional requirements, prioritized on 3 levels, as complete as possible

4 Use case modeling

   ▪ Use case diagram: between 7 and (recommended) 15 use cases
   ▪ Detailed use cases: concise text descriptions (two to four lines each) for all the above use cases as well as a detailed template for a use case
   ▪ Scenarios: the primary scenario and a secondary scenario of the use case detailed above.

   Note: for both use cases and scenarios use templates as in [Arlow & Neustadt 2002].

4 Requirement traceability matrix: use cases vs. functional requirements.

5 Initial snapshots of the system’s user interface: at least 3 snapshots with brief descriptions, but no more than 5 snapshots as detailed GUI design will be part of P-III, due on March 30.

6 Glossary of terms: at least 12 terms related to the project problem’s domain.

7 List of references: at least 7 references, although more is better.