

Computer Science 492
Software Development and Professional Practice
Fall 2014
Customer Project: Specification Assignment

Due Date (revised): Thursday, November 6 at 11:59 pm

Note: This assignment is worth 15% of the customer project grade.

As the major part of the analysis workflow for your customer project, you are to produce a *specifications document*. As stated in Section 13.18 of the textbook, the specifications are very artifact-laden, and your specification document will reflect this. It should have the following outline:

1. Overview

<Using your one-page requirements document, provide a one-paragraph overview of the project.>

2. Use Case Diagram

<The use case diagram for the project, in UML format>

3. Use Cases

<The use cases for the project, in UML format. All use cases in the use case diagram should be included here.>

4. Class Diagram

<The class diagram for the project, in UML format>

5. Communication Diagrams

<This should include one or more communication diagrams, each corresponding to a use case, in UML format. (This was not required for the textbook project; see Chapter 13 for communication diagram examples.)>

6. Sequence Diagrams

<This should include one or more communication diagrams, each corresponding to a use case, in UML format. (This was not required for the textbook project; see Chapter 13 for sequence diagram examples.)>

(Note: If you are planning a classical analysis instead of an object-oriented one, please let me know and I will provide an alternative format for your specifications document.>

I expect your specification document will require updating as the project progresses.

Please turn in your specifications document in Microsoft Word or PDF to Blackboard.