Requirements Document Inspection Guidelines, II

Advanced Software Engineering, CSE870

==*This version of the template is for summarizing the comments/discussion during the inspection.*==

Content:

- Does the text match the Section (or Subsection) header? Does it fully cover the topic?
- Are the requirements logically organized? Is there a hierarchy? If so, is it easy to understand the hierarchy?
- Is there a complete description of the product being specified? Is it easy to understand? Has all the functionality specified by the customer (per the original project specification) been addressed?
- Have all the constraints been specified?
- Have all the assumptions been documented?
- Have all dependencies been documented?
- Are there conflicting requirements?
- Are there ambiguous or implicit requirements?
- Is each requirement testable? (i.e., can you design a test to confirm the behavior?)
- Is each requirement stated clearly, concisely, and unambiguously?
- Is there unnecessary design or implementation detail included (in a requirement)?
- Have all the subsections in the SRS assigned been addressed?
- Modeling:
    - Is there a description for each diagram included? (including a brief description of the notation)
    - Consistency checks: sequence diagrams refer to instances of classes from class diagram; messages in sequence diagram refer to operations given in class diagram; all sequence diagrams can be validated against the state diagrams (i.e., trace a sequence diagram from one state diagram to another according to the sequence of messages); are all variables referenced in the diagrams declared as attributes in the class diagram.

Writing/Presentation:

- Paragraph structure: does each paragraph start with a thesis sentence? Does the body of the paragraph support the thesis sentence?

- Are there grammar errors (subject/verb agreement, tense), typos.

- Are there new terms or acronyms used before they are defined?

- Are terms and concepts used consistently throughout the document?

For each item, identified during the inspection, indicate the planned revision. Also, indicate with an asterisk (*) those items that were identified during the inspection (e.g., follow-on questions that led to additional items to address).

Content (pg #)	
p1, Section 1	Sample point identified by one of the reviewers that they marked on their respective SRS draft. *Response:* *The following are example responses:* *revise the text to address inconsistency; fix typo; expand acronym; add missing citation; revise diagram to address inconsistency, etc.*
*p1, Section 1	Based on the discussion of the previous item, the inspection team identified follow-on item to be revised (as indicated by the asterisk).

Writing (pg #)	