SRS Checklist

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- Follows the template, all parts present

  - ☐ Table of contents
  - ☐ Pages are numbered
  - ☐ Revision history included for major revisions
  - ☐ Sections from template are all present
  - ☐ Values of auxiliary constants are given

- Grammar, spelling, presentation

  - ☐ No spelling mistakes (use a spell checker!)
  - ☐ No grammar mistakes (review, ask someone else to review (at least a few sections))
  - ☐ Paragraphs are structured well (clear topic sentence, cohesive)
  - ☐ Paragraphs are concise (not wordy)
  - ☐ No low information content phrases (url plus examples)
  - ☐ All hyperlinks work
  - ☐ Every figure has a caption
  - ☐ Every table has a heading
  - ☐ Symbolic names are used for quantities, rather than literal values

- LaTeX

  - ☐ Instructor comments (wss) are left in the tex file. Template comments (plt) can be removed.

- ☐ References and labels are used so that maintenance is feasible

- Overall qualities of documentation

  - ☐ No statement is repeated at the same level of abstraction (for instance the scope should be more abstract than the assumptions, the goal statements should be more abstract than the requirements, etc.)

  - ☐ Someone that meets the characteristics of the intended reader could learn what they need to know

  - ☐ Someone that meets the characteristics of the intended reader could verify all of the statement made in the SRS. That is, they do not have to trust the SRS authors on any information.

- Reference Material

  - ☐ All units introduced are listed (searching the document can help look for other units that may be present, but not listed)

  - ☐ Units listed are each used at least once (manually searching the document is a quick way to check this)

  - ☐ The names of units named after people are in lower-case

  - ☐ All symbols used in the document are listed in the table of symbols

  - ☐ All symbols listed in the table of symbols are used in the document

  - ☐ All abbreviations/acronyms used in the document are listed in the table of abbreviations/acronyms

  - ☐ All abbreviations/acronyms listed in the table of abbreviations/acronyms are used in the document

- Introduction

  - ☐

- General System Description

  - ☐

- Problem Description

- $\square$

- Solution Characteristics Specification

  - $\square$ Each assumption is "atomic" (no explicit or implicit "ands")
  - $\square$ Assumptions are a refinement of the scope
  - $\square$ The rationale is given for assumptions that require justification
  - $\square$ The derivation of all GDs as refinements from other models is clear
  - $\square$ The derivation of all IMs as refinements from other models is clear
  - $\square$ All DD are used (referenced) by at least one other model

- Functional Requirements

  - $\square$

- Nonfunctional Requirements

  - $\square$

- Likely and Unlikely changes

  - $\square$

- Traceability Matrices

  - $\square$