

Appendix A

SRS Inspection Checklist

1. Does SRS include all user requirements?
2. Are all external interfaces defined?
3. Do the requirements provide an adequate basis for design?
4. Are algorithms intrinsic to the functional requirements defined?
5. Is the expected behavior documented for all anticipated error conditions?
6. Are all the necessary objects in requirement defined?
7. Do any requirements conflict with or duplicate other requirements?
8. Are all internal references to other requirements correct?
9. Are all requirements written at an appropriate level of detail?
10. Is each requirement written in standard terminology and definitions?
11. Is each requirement verifiable by testing, demonstration, review, or analysis?
12. Is each requirement free from errors in content?
13. Can all of the requirements be implemented within known constraints?
14. Are all performance objectives properly specified?
15. Are all real time, security and safety considerations specified in sufficient detail?
16. Is the SRS traceable?
17. Are all requirements actually requirements?