

Software Requirement Specification (SRS)

Based on the IEEE-830-1998 standard, available from
http://www.cs.bham.ac.uk/~exc/Teaching/STesting/Web_resources.html (local access only)

Template of SRS organised by functional hierarchy (incomplete)

3. Specific requirements

- 3.1 External interface requirements
 - 3.1.1 User interfaces
 - 3.1.2 Hardware interfaces
 - 3.1.3 Software interfaces
 - 3.1.3.1 Item 1
 - 3.1.3.1.1 Name
 - 3.1.3.1.2 Description of purpose
 - 3.1.3.1.3 Source of input or destination of output
 - 3.1.3.1.4 Valid range, accuracy and/or tolerance
 - 3.1.3.1.5 Units of measure
 - 3.1.3.1.6 Relationship to other inputs/outputs
 - 3.1.3.1.7 Data formats
 - 3.1.3.1.8 End messages
 - 3.1.3.2 Item 2
 - 3.1.3.2.1 Name
 - 3.1.3.2.2 Description of purpose
 - 3.1.3.2.3 Source of input or destination of output
 - 3.1.3.2.4 Valid range, accuracy and/or tolerance
 - 3.1.3.2.5 Units of measure
 - 3.1.3.2.6 Relationship to other inputs/outputs
 - 3.1.3.2.7 Data formats
 - 3.1.3.2.8 End messages
 - 3.1.4 Communication interface
- 3.2 Functional requirements
 - 3.2.1 Information flows
 - 3.2.1.1 Data flow diagram 1
 - 3.2.1.1.1 Data entities
 - 3.2.1.1.2 Pertinent processes
 - 3.2.1.1.3 Topology
 - 3.2.1.2 Data flow diagram 2
 - 3.2.1.2.1 Data entities
 - 3.2.1.2.2 Pertinent processes
 - 3.2.1.2.3 Topology
 - 3.2.2 Process descriptions
 - 3.2.2.1 Process 1
 - 3.2.2.1.1 Input data entities
 - 3.2.2.1.2 Algorithm or formula or process
 - 3.2.2.1.3 Affected data entities
 - 3.2.2.2 Process 2
 - 3.2.2.2.1 Input data entities
 - 3.2.2.2.2 Algorithm or formula or process
 - 3.2.2.2.3 Affected data entities
 - 3.2.3 Data construct specifications
 - 3.2.3.1 Construct 1
 - 3.2.3.1.1 Record type
 - 3.2.3.1.2 Constituent fields
 - 3.2.3.2 Construct 2
 - 3.2.3.2.1 Record type
 - 3.2.3.2.2 Constituent fields

If a given heading is not applicable, the entry should be N/A (not applicable).

For further information see section 5.3 of the IEEE-830-1998 standard.