

Requirements Review and System Models

Organization and Completeness (yaqhdhan)

Are all internal cross-references to other requirements correct? YES

Are all requirements written at a consistent and appropriate level of detail? YES

Do the requirements provide an adequate basis for design? YES

Is the implementation priority of each requirement included? NO

Are all external hardware, software, and communication interfaces defined? YES

Have algorithms intrinsic to the functional requirements been defined? NO

Does the specification include all of the known customer or system needs? NO

Correctness (fahia)

Do any requirements conflict with or duplicate other requirements? NO

Is each requirement written in clear, concise, unambiguous language? YES

Is each requirement verifiable by testing, demonstration, review, or analysis? YES

Is each requirement in scope for the project? YES

Is each requirement free from content and grammatical errors? YES

Is any necessary information missing from a requirement? If so, is it identified as TBD? YES

Can all of the requirements be implemented within known constraints? YES

Are any specified error messages unique and meaningful? YES

Quality Attributes (Mulki)

Are all performance objectives properly specified? YES

Are all security and safety considerations properly specified? YES

Are other pertinent quality attribute goals explicitly documented and quantified, with the acceptable tradeoffs specified? YES

Traceability (Mulki (1) Ahmed (2))

Is each requirement uniquely and correctly identified? YES

Is each software functional requirement traceable to a higher-level requirement (e.g., system requirement, use case)? YES

Special Issues (Ahmed)

Are all requirements actually requirements, not design or implementation solutions? YES

Are all time-critical functions identified, and timing criteria specified for them? NO (Need to add times to TBD)(check time criteria format)

Have internationalization issues been adequately addressed? NO