

Quality User Story Framework

The table below presents the evaluation criteria, adapted from Lucassen et al. (2016) and further refined to provide clearer and more precise descriptions for evaluation purposes.

Evaluation Criteria of the QUS Framework (Adapted from Lucassen et al., 2016)		
Category	Criteria	Description
Syntactic	Well-Formed	The story includes at least one role and one specification. Qualitative assessment of clarity and completeness.
	Atomic	The story addresses a single functionality. Verification of the singularity of the functionality described.
	Minimal	The story includes a role, a means, and one or more ends, without unnecessary information. Evaluation of conciseness and focus on functionality
Semantic	Conceptually Sound	The means express a functionality and the ends explain the reason for it. Verification of the alignment between actions and goals.
	Unambiguous	Avoids terms or abstractions that may lead to multiple interpretations. Analysis of the precision and clarity of terms used.
Pragmatic	Complete Sentence	The story is well-formed and provides sufficient context to be understood. Verification of contextualization and coherence.
	Estimable	The story does not represent a coarse-grained requirement that hinders planning. Analysis of clarity and ability to estimate the required effort.

Reference: Lucassen, G., Dalpiaz, F., van der Werf, J.M.E.M. *et al.* Improving agile requirements: the Quality User Story framework and tool. *Requirements Eng* 21, 383–403 (2016). <https://doi.org/10.1007/s00766-016-0250-x>.