

EARS



THE
REUSE
COMPANY



Big EARS Rule	SES Suite Metric	Metric Type	Uses filter	Domain specific
Untestability				
Requirements that, when implemented, couldn't be proven true or false.	TRC-M140: Ensure Numbers are followed by Units or noun qualifications	Term-tag	No	No
	TRC-M060: Avoid the use of Vague Verbs	Cluster	No	No
Inappropriate Implementation				
Requirements that specified how the system should be	TRC-M490 - Avoid stating a solution	Special sentence	No	No
Wordiness				
Raw requirements were classified as wordy if they contained more words than each interpreted requirement. A cumulative total for all requirements in each document set was also calculated.	TRC-M330: Check the text length by counting words	Non-parameterized	No	No
	TRC-M390: Avoid the use of Parenthesis out of the condition block	Cluster	Yes	No
	TRC-M630: Avoid verbose expressions	Special sentence	No	No
Duplication				
Requirements with the same meaning.	TRC-M480: Avoid overlapping among the requirements	Consistency	No	Partial
Omission				
Missing requirements, preconditions, triggers and system responses were identified by applying "Necessary and Sufficient Conditions" to determine the required system response.	TRC-M600: A requirement shall include all the mandatory blocks as defined in the pattern	Pattern group	No	Partial
	TRC-M610: Actors must be identified	Pattern	No	No
	TRC-M640: Mind all different types of requirements	Completeness	No	No
Complexity				
Requirements that contained two or more interrelated requirements, three or more preconditions, or two or more triggers.	TRC-M370: Multiple subject detection	Pattern group	No	No
	TRC-M375: Multiple verbs detection	Pattern	No	No
	TRC-M360: Check the number of Modal Verbs	Term-tag	No	No
	TRC-M620: Avoid complex structures	Cluster	No	No
	TRC-M640: Avoid multiple triggers	Pattern	No	No
	TRC-M650: Invalid order of keywords	Pattern	No	No
Vagueness				
Requirements that lacked precision.	TRC-M540: Avoid the use of Imprecise Quantifiers	Cluster	No	No
Ambiguity				
Requirements that could be interpreted in different ways. Requirements were reviewed for lexical, referential or syntactic ambiguity.	TRC-M240: Avoid Incorrect spelling	Non-parameterized	No	Partial
	TRC-M250: Facilitate readability	Non-parameterized	No	No
	TRC-M950: Avoid the use of Vague Terms	Cluster	No	No