

Questionnaire for evaluating ReqCity

#	Category	Excel + Graph	ReqCity
1	Simple	Are there requirements that fail (score of 0) for Complete (C4) characteristic.	Are there requirements that have score of 1 for Complete (C4) characteristic.
2	Simple	How many well-formed requirements are there in NYC-CVPD SyRS document? Hint: Well-formed if score is 1 for all characteristics. In ReqCity, this is denoted by floating diamond on the requirement building block.	How many well-formed requirements are there in NYC-CVPD SyRS document? Hint: Well-formed if score is 1 for all characteristics. In ReqCity, this is denoted by floating diamond on the requirement building block.
3	Simple	Requirement 0.3.8.2.5.1 is at Level 4; please state what section it belongs to? Also, state the parent section at Level 2 for this requirement.	Requirement 0.3.8.4.1.31 is at Level 4; please state what section it belongs to? Also, state the parent section at Level 2 for this requirement.
4	Complex	For section 0.3.8.3.4 - Red Light Violation Warning, which requirement has the greatest number of characteristics with a score below 0.67?	For section 0.3.2.1 - Vehicle Performance Monitoring, which requirement has the greatest number of characteristics with a score above 0.67?
5	Complex	Compare two sections (A) 0.3.2.4 - Event Data Collection and (B) 0.3.8.3.4 - Red Light Violation Warning for characteristics Feasible (C6) and Consistent (C11)	Compare two sections (A) 0.3.2.1 - Vehicle Performance Monitoring and (B) 0.4.10- Vehicle Data Bus for characteristics Feasible (C6) and Consistent (C11)
	-	What tools/files did you use to answer questions 4 & 5?	What tools/files did you use to answer questions 4 & 5?
6	Simple	For Requirement 0.3.5.2.16, state which characteristics are not satisfied (score < 1) and which rules are causing this failure.	For Requirement 0.3.8.1.37, state which characteristics are not satisfied (score < 1) and which rules are causing this failure.
7	Complex	For Requirement 0.3.2.1.7, state which characteristics are satisfied (score = 1) and how many rules does this requirement pass.	For Requirement 0.3.2.4.8, state which characteristics are satisfied (score = 1) and how many rules do this requirement pass.
8	Complex	Evaluate section 0.4.4 for set-level characteristics (C10-C15). List the characteristics for which Section 0.4.4 performs the best and the worst? Looking at all set-level characteristics of this section, suggest a requirement that adversely impacts performance of the section overall.	Evaluate section 0.3.2.1 for set-level characteristics (C10-C14). List the characteristics for which Section 0.3.2.1 performs the best and the worst? Looking at all set-level characteristics of this section, suggest a requirement that adversely impacts performance of the section overall.
9	Simple	How many requirements are derived from Need 505?	How many requirements are derived from Need 101.2?

10	Complex	For Need ID 402, find the derived requirements and based on characteristic scores for C11 do you think the Need could be met? (all requirements score >0.67). If No, mention the requirement IDs of requirements that lead to it.	For Need ID 103, find the derived requirements and based on characteristic scores for C11 do you think the Need could be met? (all requirements score >0.67). If No, mention the requirement IDs of requirements that lead to it.
	-	What tools/files did you use to answer question 10?	What tools/files did you use to answer question 10?