

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	<p>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.</p>	<p>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.</p>
	-	What tools/files did you use to answer question 10?	What tools/files did you use to answer question 10?