

Questionnaire – Quality Requirement Generation

This questionnaire consists of **two parts** related to the **quality of the quality requirement generation feature**. This feature aims to provide you with support for considering quality requirements in your project during the continuous software development.

Please put your participant ID on top of the page and use the same ID for every questionnaire and task!

Please select the appropriate answer and try not to leave out any questions. Rate each statement by using a scale from 1: strongly disagree to 5: strongly agree.

Part 1 – Quality Requirement Patterns

1. Understandability of the quality requirements

Based on inspecting the list of possible quality requirements patterns, I think the quality requirements patterns are:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... clear in meaning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... easy to comprehend.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... hard to read.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In general, they are understandable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Right level of detail of the quality requirements

Based on inspecting the list of possible quality requirements patterns, I think the quality requirements patterns are:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... at the right level of detail.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... at an appropriate level of detail for my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... sufficiently detailed for making decisions related to quality requirements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. Usefulness of the quality requirements

Based on inspecting the list of possible quality requirements patterns, I think the quality requirements patterns are:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... informative to my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... valuable for my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In general, are useful for my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Part 2 – Quality Requirement Generation and Integration (workflow with the Q-Rapids tool)

This part consists of **four main questions** concerning the **quality of the possibility to generate quality requirements based on the Q-Rapids tool and to integrate them into your project specific repository/-ies.**

4. Appropriateness

Based on my experience of using the Q-Rapids tool and inspecting the complete list of possible quality requirements, I think the generated quality requirements by the Q-Rapids tool:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... have a complete information content compared to the way requirements are documented in my project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... fit to the processes used to document requirements in my project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...are easy to be fed to existing templates/fields of my project related repositories.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. Reliability

Based on my experience of using the Q-rapids tool , I think the generation of quality requirements by the Q-Rapids tool is:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... trustworthy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... accurate.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... credible.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... providing me a complete set of relevant quality requirements according to the current situation of the quality of my project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In general, reliable for making decisions related to quality requirements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Usefulness

Based on my experience of using the Q-rapids tool , I think the generation of quality requirements by the Q-Rapids tool is:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... informative to my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... valuable for my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In general, is useful for my tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. Ease of use

Based on my experience of using the Q-rapids tool and the provided information during the demonstration, I think the procedure of generating quality requirements by the Q-Rapids tool ¹ :	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... is clear.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... is understandable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... requires a lot of mental effort.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... in general, is easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Perceived Efficiency

Based on my experience of using the Q-rapids tool and the provided information during the demonstration, I think the procedure of generating quality requirements by the Q-Rapids tool ¹ :	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... took too long to perform	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... requires a lot of time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... requires a lot of thought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I spent a lot of effort following this procedure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. Perceived satisfaction

Overall, the procedure of adding quality requirements into the repository/-ies:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
...closes the feedback loop from metrics and strategic indicators in a nice way.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...gives an impression that something important is missing compared to the collected metrics and strategic indicators.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...provides little value-add, misleading information or is in another way less usable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In case of less usable, please explain why:	<hr/> <hr/> <hr/> <hr/>					

¹ Procedure of generating quality requirements: receiving an alert, inspecting the alert in the list of alerts, clicking the QR button and deciding what to do with the suggested QR (i.e., to integrate it in your repository or not).