

Questionnaire – Q-Rapids Tool

This questionnaire consists of **nine main questions** concerning the **quality of the implemented Q-Rapids Dashboard**. The questions focus on the Strategic Dashboard including the different features:

- current assessment of strategic indicators, factors, and metrics with the different views (e.g. graphical or table view),
- project evolution of strategic indicators, factors, and metrics with the historical data views analyzing trends,
- quality requirements generation (alerts, quality requirement candidate, adding QR to the backlog),
- prediction, and
- simulation.

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 (except question 8 and 9, which are using a different scale).

1. Perceived Usability

Based on my experience of using the Q-Rapids tool, I think the Q-Rapids tool:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... improves my performance in my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... increases my productivity in my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... enhances my effectiveness in my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... is useful for my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Perceived Ease-of-Use

Based on my experience of using the Q-Rapids tool, I think the Q-Rapids tool:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... in general, is clear.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... in general, is understandable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... in general, 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"/>

3. Navigation

Based on my experience of using the Q-Rapids tool, I think the Q-Rapids tool:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... is easy to go back and forth between screen/pages.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... provides a few clicks to locate information.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In general, it is easy to navigate.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. Visualization

Based on my experience of using the Q-Rapids tool, I think:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... the included diagrams and labels in the Q-Rapids tool made it easy to do the tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... the textual and visual clues in the Q-Rapids tool helped me to visualize the quality status (historical, currently, predicted, and simulated) of my project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. Perceived Efficiency

Based on my experience of using the Q-Rapids tool, I think:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
It took too long to perform.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It requires a lot of time.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It 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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Perceived Reliability

Based on my experience of using the Q-Rapids tool, I think the information provided 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"/>
In general, reliable for making decisions related to the quality of my project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. General Relevance

Based on my experience of using the Q-Rapids tool, I think the Q-Rapids tool:	1: strongly disagree	2: disagree	3: neutral	4: agree	5: strongly agree	I don't know
... is in general important for my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... is in general relevant for my job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... is in general pertinent to my various job-related tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Feature Relevance

Based on my experience of using the Q-Rapids tool, I think the feature:	1: not relevant at all	2: somewhat not relevant	3: neutral	4: Somewhat relevant	5: very relevant	I don't know
... current assessment of strategic indicators, factors, and metrics is ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
...project evolution (showing the historical data of strategic indicators, factors, and metrics) is ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... prediction is ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... simulation is ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... quality requirements generation (alert, QR candidate, and export to backlog) is ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. Expected Usage

Based on my experience of using the Q-Rapids tool , I think I would use the Q-Rapids tool:

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Daily	Weekly	Bi-weekly	Monthly	Never	Other: _____