Questionnaire

My role: ☐ Naval architect - ☐ Logistics specialist - ☐ Safety specialist

My group: ☐ A - ☐ B - ☐ C - ☐ D

Closed Questions	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Satisfaction					
1. I'm satisfied with the layout resulting from the **first round** from my role's perspective	☐	☐	☐	☐	☐
2. I'm satisfied with my input in the decision-making in the **first round**	☐	☐	☐	☐	☐
3. My input in the decision-making has been satisfactory incorporated in the final design in the **first round**	☐	☐	☐	☐	☐
4. I'm satisfied with the layout resulting from the **second round** from my role's perspective	☐	☐	☐	☐	☐
5. I'm satisfied with my input in the decision-making in the **second round**	☐	☐	☐	☐	☐
6. My input in the decision-making has been satisfactory incorporated in the final design in the **second round**	☐	☐	☐	☐	☐
Experiment Setup					
7. The time available for completing the **first round** was sufficient	☐	☐	☐	☐	☐
8. The time available for completing the **second round** was sufficient	☐	☐	☐	☐	☐
9. A. The difficulty of the two layout problems was comparable.	☐	☐	☐	☐	☐
B. The first layout was less difficult than the second layout.	☐	☐	☐	☐	☐
10. The familiarization round was helpful	☐	☐	☐	☐	☐
Design rationale methodology (DR methodology)					
11. The DR methodology was easy to learn	☐	☐	☐	☐	☐
12. The gains outweigh the (temporal) costs of using the DR methodology	☐	☐	☐	☐	☐
13. The DR methodology supported **me** to get a better overview of relevant design considerations.	☐	☐	☐	☐	☐
14. The DR methodology supported **the team** to get a better overview of relevant design considerations.	☐	☐	☐	☐	☐
15. The DR methodology distracted me from considering my role's perspective and requirements.	☐	☐	☐	☐	☐
16. The DR methodology helped me in understanding the perspectives of the other team members.	☐	☐	☐	☐	☐
17. The DR methodology supported the decision-making process by the team.	☐	☐	☐	☐	☐

<u>**Open questions**</u>

1. Which functionalities of the design rationale methodology were most useful to the design case?

2. What additional functionalities of the design rationale methodology would be beneficial?

3. Where you able to capture all rationale that you wanted to capture? If not, which rationale weren't you able to capture?

4. Please describe how the design rationale methodology supported decision-making, compared to the baseline methodology?

5. Are there any bugs or problems you want to report?

6. How would you describe you team's negotiation process?

7. Would the design rationale methodology be beneficial for design (review) sessions, and why?

8. What method do you use in practice to record your design rationale?

9. What take-aways do you have from using the design rationale methodology?

Thank you for your participation!