

Questionnaires

July 5, 2024

1 Introduction

This document presents the full version of the collaboration questionnaire and of the questionnaire on awareness as used during a user study conducted as part of the FNR CORE Resurf project in November 2023.

2 Collaboration questionnaire

The questions of the collaboration questionnaire are listed bellow.

1. The collaboration experience during the session was ...

Please complete the sentence.

2. In general, my team collaborated effectively to complete the tasks.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

3. We were completely in agreement on goals, tasks, and concepts.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

4. Team members always provided important information to others at the right moment.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

5. We had very few misunderstandings about what to do.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

6. Team members carried out individual actions in a synchronized manner.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

7. We accomplished tasks smoothly and efficiently.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

8. Different viewpoints within my group were recognized, well negotiated, and successfully resolved.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

9. We shared the work equally in our team.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

10. At each moment I was aware of what is going on.

Please check one.

1 Strongly disagree

2

3

4

5 Strongly agree

3 Awareness questionnaire

Awareness - Environment Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew if remote team members were in the workspace.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew who was participating remotely and what role they had.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

3. I knew how the screens of the remote team looked like.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

4. I knew how the remote team members were able to interact with their content.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

Awareness - Actions speech Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew when a remote team member was speaking.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew which remote team member was speaking.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

3. I knew what remote team members said.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

4. I knew where remote team members were standing when they spoke.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

Awareness - Actions manipulating Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew when remote team members were manipulating the interface.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew which remote team member was manipulating the interface.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

3. I knew what content were being manipulated by remote team members.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

4. I knew where remote team members were standing when they were manipulating the interface.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

Awareness - Actions pointing Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew when remote team members were pointing to something.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew which remote team member was pointing to something.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

3. I knew what remote team members were pointing at.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

4. I knew where remote team members were standing when they were pointing.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

Awareness - Actions agreeing Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew when a remote team members was agreeing or disagreeing.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew which remote team member was agreeing or disagreeing.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

Awareness - Actions asking to speak Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew when a remote group member was asking to speak.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew which remote team member was asking to speak.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

Awareness - Attention Please indicate on the following scales your awareness level about the remote collaboration system.

Remote means in the other room. Local means in the same room as me.

1. I knew at which screen remote team members were looking.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always

2. I knew which remote team member was looking at which screen.

Please check one.

1 Never

2 Rarely

3 Sometimes

4 Very often

5 Always