XR Interaction Test3 – Questionnaire

Participant Information Participant ID: Age: _____ Gender: VR Experience Level: [] Beginner [] Intermediate [] Advanced Task 1: Toolbox Location and Tool Switching Were you able to clearly find the location of the toolbox in the scene? //Yes [] No Were you able to successfully switch between different tools (for example, different brush sizes or the eraser)? Yes [] No Please rate how **convenient** the tool switching was (1 = Very Inconvenient, 5 = Very Convenient): 1 2 3 3 4 7 5 5 **Open-ended Question:** In many other VR painting applications, tools are switched using a virtual menu on the user's non-dominant hand. In this prototype, the switching is done through physical grabbing and changing. Which method feels more natural or easier to use for you, and why? physically switching, since it feels like red **Task 2: Pigment Picking and Placement**

Were you able to successfully pick and take a pigment from the pigment box?

// Yes

[] No

[] Yes [] No
Please rate how intuitive the color-picking process felt (1 = Very Unintuitive, 5 = Very Intuitive):
1
Open-ended Question: In previous versions, users needed to keep a specific distance between the brush tip and the palette to pick a color. This time, the pigment-ball system was used instead. Did this change make the interaction feel more natural? If you still had difficulties, please describe them or give suggestions for improvement.
Task 3: Joystick Mixing System
Were you able to understand and complete the color-mixing operation using the left joystick rotation?
[] Yes [] No
Please rate how easy the joystick mixing was to use (1 = Very Difficult, 5 = Very Easy):
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Please rate how easy the joystick mixing was to use (1 = Very Difficult, 5 = Very Easy): 1 \Box 2 \Box 3 \Box 4 \Box 5 \Box Please rate how natural and realistic the mixing effect felt (1 = Very Unnatural, 5 =
Please rate how easy the joystick mixing was to use (1 = Very Difficult, 5 = Very Easy): 1
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Overall Experience

Please rate how intuitive the overall interaction experience was (1 = Not Intuitive, 5 = Very Intuitive):
1
Please rate how enjoyable the overall experience was (1 = Not Enjoyable, 5 = Very Enjoyable):
1
Open-ended Question: Please describe which part of this experience you liked the most and what could be improved. The palette
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