

# XR Interaction Test2 Questionnaire

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## Participant Information

Participant ID: Yang

Age: 23

Gender: M

VR Experience Level:

☒ Beginner ☐ Intermediate ☐ Advanced

## Task 1: Basic Grabbing & Passing

1. Were you able to complete the task successfully?

☒ Yes ☐ No

2. Rate the ease of use (1 = Very Difficult, 5 = Very Easy):

1 ☐ 2 ☐ 3 ☐ 4 ☒ 5 ☐

3. Any comments/issues: \_\_\_\_\_

## Task 2: Positioning, Rotation & Scaling

1. Were you able to complete the task successfully?

☒ Yes ☐ No

2. Rate the precision of control (1 = Very Poor, 5 = Excellent):

1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐

3. Rate the ease of resizing with both hands (1 = Very Difficult, 5 = Very Easy):

1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐

4. Any comments/issues: The scaling is a little unclear. It is recommended to add a halo effect when scaling.

## Task 3: Page Flipping

1. Were you able to flip the page smoothly?

☒ Yes ☐ No

2. Rate the naturalness of the flipping motion (1 = Very Unnatural, 5 = Very Natural):

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒

3. Any comments/issues: The physical effect is good. If the pages are bent, it will be even better.

#### Task 4: Object Pick-up & Throw

1. Were you able to pick up and throw the paper ball?

☒ Yes ☐ No

2. Rate the realism of the throwing action (1 = Very Unrealistic, 5 = Very Realistic):

1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐

3. Any comments/issues: There is no animation effect of tearing the pages and then rolling them into a ball.

#### Overall Feedback

1. How comfortable did you feel during the interaction? (1 = Very Uncomfortable, 5 = Very Comfortable):

1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐

2. How intuitive were the interactions overall? (1 = Not Intuitive, 5 = Very Intuitive):

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☒

3. How enjoyable was the overall experience? (1 = Not Enjoyable, 5 = Very Enjoyable):

1 ☐ 2 ☐ 3 ☐ 4 ☒ 5 ☐

4. Any suggestions for improvement: The project functions are divided into steps. They are not combined together.