

Interaction Techniques Experiment Survey

For the Smart Trackpad Technique, indicate how challenging it was to use the technique in accordance with various aspects. *

	Very Low (1-2)	Low (3-4)	Medium (5-6)	High (7-8)	Very High (9-10)
Mental Demand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physical Demand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Frustration Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effort Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Performance L...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Figure 1: NASA – TLX Survey for each interaction technique

I found using the rotate technique to be very smooth to move remote screen cursor effectively *

1 2 3 4 5

Strongly Disagree Strongly Agree

I found using the clockwise and anti-clockwise rotation easy to use. ★

1 2 3 4 5

Strongly Disagree ☐ ☐ ☐ ☐ ☐ Strongly Agree

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I found using the tilt technique to be very smooth to move remote screen cursor effectively ★

1 2 3 4 5

Strongly Disagree Strongly Agree

I found using the left, right and up-down tilt easy to use. ★

1 2 3 4 5

Strongly Disagree Strongly Agree

I found using the trackpad to be very smooth to move remote screen cursor effectively ★

1 2 3 4 5

Strongly Disagree Strongly Agree

I found using the trackball to be very smooth to move remote screen cursor effectively *

1 2 3 4 5

Strongly Disagree Strongly Agree

Rank the interaction techniques as per your preference,



	Smart TrackPad	Smart Trackball	Smart Tilt Pointer	Smart Rotate Point...
First	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Second	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Third	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fourth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Any comments on the above preference?

Long-answer text

Any comments on the button sizes used for the interaction techniques?

Long-answer text

Figure 2: Survey question used in the experiment to rank the techniques.