# Interacting with a Transparent Display Tablet

## Tracing

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| Can you think of any real-world situations where you find yourself copying or drawing a physical object? |
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| The traditional alternative is to take a picture and trace it on the computer. What are the strengths and weaknesses of each approach? Are there particular tasks, situations or users for which one is better than the other? |
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| Do you have any particular thoughts or suggestions on how to improve a tPad tracing application? |
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## Querying (rule, graph explorer)

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| Can you think of any real-world situations where you find yourself querying a physical object? |
| When I was reading a bar chart, pie chart, or some geometry on the math book. I will need to find out the value in the graph. Its area, percentage, and diameter. |

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| The traditional alternative is to take use a ruler, guessing a graph’s value or using the interactive version on a computer. What are the strengths and weaknesses of each approach? Are there particular tasks, situations or users for which one is better than the other? |
| In some cases ruler is not convenient for querying. For example, when I need to know the area of a circle on a paper. But using a transparent tablet I could align a circle on top of it and it will calculate the area for me. |

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| Do you have any particular thoughts or suggestions on how to improve tPad querying applications? |
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## Flipping

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| Can you think of any real-world situations where you would find yourself pairing two mobile devices? |
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| The traditional alternative is to send files over email or download them to a computer. What are the strengths and weaknesses of each approach? Are there particular tasks, situations or users for which one is better than the other? |
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| Do you have any particular thoughts or suggestions on how to improve display composition of tPads? |
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## Tan’N Flip

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## Grabbing

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## Markers

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## Scribbles

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## Search

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## Annotations

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## Area Triggers

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## General Questions for Transparent Tablet Interactions

The interaction technique is compelling and improves what we can do beyond current technologies.

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|  | **Disagree** | **Somewhat Disagree** | **Neutral** | **Somewhat Agree** | **Agree** |
| Tracing |  |  |  |  |  |
| Querying |  |  |  |  |  |
| Flipping |  |  |  |  |  |
| Tap’N Flip |  |  |  |  |  |
| Grabbing |  |  |  |  |  |
| Markers |  |  |  |  |  |
| Scribbles |  |  |  |  |  |
| Search |  |  |  |  |  |
| Annotations |  |  |  |  |  |
| Area Triggers |  |  |  |  |  |

Please rank the interaction techniques according to how important they can be to you in everyday tasks.

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| **Interaction** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** |
| Tracing |  |  |  |  |  |  |  |  |  |  |  |
| Querying |  |  |  |  |  |  |  |  |  |  |  |
| Flipping |  |  |  |  |  |  |  |  |  |  |  |
| Tap’N Flip |  |  |  |  |  |  |  |  |  |  |  |
| Grabbing |  |  |  |  |  |  |  |  |  |  |  |
| Markers |  |  |  |  |  |  |  |  |  |  |  |
| Scribbles |  |  |  |  |  |  |  |  |  |  |  |
| Search |  |  |  |  |  |  |  |  |  |  |  |
| Annotations |  |  |  |  |  |  |  |  |  |  |  |
| Area Triggers |  |  |  |  |  |  |  |  |  |  |  |