

INTERACTIVE EXPERIENCE THROUGH AN AIR AND TOUCH BAR



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AIR X TOUCH BAR



HOW DOES IT WORK?



WHAT IF WE ADD HAPTICS ?

- prevent user from touching screen
- allow instantaneous feedback
- carry more information to the user



CHALLENGES & OUR CONTRIBUTION

1. Low user expectations



1. **Define intuitive & appropriate gestures** through user studies with an heterogeneous group

2. Mid-air gestures for selection/
navigation/manipulation



2. Make user studies **Wizard of Oz**

3. Only a small amount of gestures
have been evaluated and most
within a research lab setting



3. **Usability testing in the field**



Thank you for your time!!

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iNUI Studio

Natural User Interfaces