Why Virtual Reality?

Comments from Study Participants

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“I think augmented reality (AR) and virtual reality (VR) will become as ubiquitous as cell phones.”

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“I can imagine that in three to four years that the technology will get to a point that augmented reality (AR) or virtual reality (VR) will remove or significantly improve the restraints that my vision imposes.”

-Study Participant
The goal of this project was to explore the experiences of individuals with albinism using virtual reality (VR) work environments as a reasonable accommodation for remote work.

**WHAT CAN I DO IN VIRTUAL REALITY?**

- Control brightness, color, and contrast of content
- Meet and work collaboratively
- Orientation and mobility training
- Practice navigation
- Consume accessible content/media
- Work directly on a PC/MAC inside virtual reality
- Make use of multiple virtual monitors
- Enjoy virtual travel
- Comfortably pursue education, attend classes, complete assignments, and study for tests

**STUDY RESULTS**

- 50% of study participants preferred dark letters on white backgrounds; 50% preferred white letters on a dark background
- 100% of study participants complained that they couldn’t enlarge fonts on set up menus
- 100% of study participants memorize the location of items and often identify items by their location
- Study participants reported that using VR improved their ability to see the computer screen:
  - 10% “not at all”
  - 45% “a little”
  - 30% ”quite a bit”
  - 15% “very much”