

Opsis– Questionnaire

Background Information

- What age group do you fall into?
 - ☐ Under 18
 - ☐ 18–29
 - ☐ 30–49
 - ☐ 50–64
 - ☐ 65+

- Were you born visually impaired?
 - ☐ Yes
 - ☐ No

- What is your level of vision?
 - ☐ Fully blind
 - ☐ Partially sighted
 - ☐ Other (explain)

- How do you usually navigate indoors (use of aids such as cane, guide dog, other people?)
 - ☐ White cane
 - ☐ Guide dog
 - ☐ Human assistance
 - ☐ Braille/tactile markers
 - ☐ Other (explain)

Navigation Experience

- What are some of the main hardships that you face while navigating indoors?
- What makes you feel safest when moving indoors?
 - ☐ Clear and open paths
 - ☐ Obstacle alerts
 - ☐ Guidance from others
 - ☐ Other (explain)
- How important is it to reach your destination quickly versus safely?
 - ☐ Safety is more important
 - ☐ Both equally important
 - ☐ Speed is more important
- How important is it for you to navigate without the assistance of others?
 - ☐ Very important
 - ☐ Somewhat important
 - ☐ Not important
- What kind of information is most helpful for you when navigating indoors (e.g., distance, direction, object descriptions)?

Technology

- Do you use a smartphone regularly?
 - ☐ Yes
 - ☐ No
- Which accessibility features do you currently use on your phone?
 - ☐ VoiceOver / TalkBack
 - ☐ Voice commands
 - ☐ Screen reader
 - ☐ Other (explain)

- Have you ever used any navigation or accessibility apps before? Which ones?
 - How quickly should the app respond to your voice commands or obstacle alerts to feel safe and reliable?
 - ☐ Instantly (less than 1 second)
 - ☐ Within 2 seconds
 - ☐ Within 3–5 seconds
 - ☐ More than 5 seconds is acceptable
 - Would you be willing to test the app in different indoor environments (such as malls, offices, or schools)?
 - ☐ Yes
 - ☐ No
 - ☐ Maybe
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Features

- Which features would be most helpful in an indoor navigation app? (Select all that apply)
 - ☐ Voice guide
 - ☐ Obstacle alerts
 - ☐ Vibration feedback for directions
 - ☐ Ability to pre-plan a route
 - ☐ Notifications when near destination
 - ☐ Emergency assistance
 - ☐ Integration with indoor maps
- How would you prefer to receive navigation instructions?
 - ☐ Voice
 - ☐ Vibration patterns
 - ☐ Combination of both
- Would you prefer turn-by-turn directions or general notifications (e.g., “Obstacle ahead”)?
 - ☐ Turn-by-turn
 - ☐ General notifications
 - ☐ Both

Concerns & Suggestions

- How comfortable would you feel granting the app access to your camera and microphone for navigation purposes?
 - ☐ Very comfortable
 - ☐ Somewhat comfortable
 - ☐ Uncomfortable
 - ☐ Not sure
- What privacy concerns do you have about using such an app?
- Are there any suggestions that would help improve the overall app and its users in your opinions?