



Pre-test Questionnaire Intersect Assist

Thank you for considering being a volunteer for the low fidelity prototype usability test of Intersect Assist. The result of this usability test will help us determine and improve the final product which will help visually impaired people to feel safer while crossing roads intersections.

User Code: _____

Date: ____/____/____

Personal Information

Age Group ☐ 20 - 24 ☐ 25 - 30 ☐ 31 - 35 ☐ 35 - 40 ☐ 45 - 50
 ☐ 51 - 55 ☐ 55+

Gender ☐ Male ☐ Female

Do you own a smartphone? ☐ Yes ☐ No

For the past year, have you received exploration training? ☐ Yes ☐ No

System related information

When crossing a known intersection, how safe do you feel?
(0 - I do not feel safe at all, 7 - I feel completely safe) 0 1 2 3 4 5 6 7

How frequently do you need to cross unknown intersections in your daily activities?
(0 - I never have to cross unknown intersections, 7 - I have to cross unknown intersections everyday) 0 1 2 3 4 5 6 7

When crossing an unknown intersection, how safe do you feel?
(0 - I do not feel safe at all, 7 - I feel completely safe) 0 1 2 3 4 5 6 7

When crossing roads intersections with Accessible Pedestrian Signals system, how safe do you feel?
(0 - I do not feel safe at all, 7 - I feel completely safe) 0 1 2 3 4 5 6 7

How frequently do you use smartphone-based assistive technologies?
(0 - I never use them, 7 - I use them all the time) 0 1 2 3 4 5 6 7

Remarks

Observer

Name: _____ Signature: _____