

QUESTIONNAIRE

This is a short questionnaire that will help the development team of *Comet-Vision* determine how helpful the application will be for visually impaired students, faculty, and staff to navigate indoors of ECSS at The University of Texas at Dallas. This will be used to understand any problems or struggles that are currently being faced and to help brainstorm ways to improve and solve those issues.

Background Information

Age Range: ☐ 15 – 20 ☐ 21 – 30 ☐ 31 – 40 ☐ 41 – 50 ☐ 51 – 60 ☐ 61 or above

Role at UTD: ☐ Student ☐ Faculty ☐ Staff ☐ Visitor

Phone #: _____

Email: _____

1. How often do you use your cellular device?

☐

Never

☐

Monthly

☐

Weekly

☐

Daily

2. Are you comfortable with using a cellular device?

☐ Yes

☐ No

If not, please explain:

3. What do you use your cellular device the most for?

☐ Internet

☐ Social Media

☐ Music

☐ Camera

☐ Map

☐ Calls/Text Messages

☐ Games

☐ Other: _____

4. How often do you come to campus?

☐ ☐ ☐ ☐
Never Monthly Weekly Daily

5. What are the reasons you come to campus (select all that apply)?

- ☐ Attending Class ☐ Studying ☐ Meeting Instructors
☐ Social Events ☐ Meeting Friends ☐ Other: _____

6. Do you currently have any concerns when walking indoors from one place to another?

- ☐ Yes ☐ No

If yes, please explain:

7. Do you currently use any tools to help navigate indoor spaces?

- ☐ Yes ☐ No

If yes, which tools do you use?

If yes, what are some things you like or that are helpful about the tool you use?

And what are some things you dislike or that are difficult about the tool you use?

8. What are some challenging obstacles you run into when walking indoors?

9. Are there any obstacles that you had a hard time detecting with your tool?

10. What is the most challenging part when navigating indoors for you?

11. What do you currently do if you need assistance (ex. get lost, run into someone, etc.)?

12. Have you ever asked anyone for help when navigating to your destination?

☐ Yes ☐ No

If yes, were their directions ever confusing or hard to understand?

☐ Yes ☐ No

If yes, please explain/describe further about the situation:

13. Do you always take the same route when going from one place to another?

☐ Yes ☐ No

14. What factors do you consider when choosing a route?

15. Would you be comfortable with taking a different route that is unfamiliar to you?

☐ Yes ☐ No

16. What is a feature that could be helpful for you to navigate around indoors?

17. What emergency systems do you currently use in case of falls or accidents?

18. Suppose you have fallen or are in trouble. Who would you want your phone to first contact?
Please rank them in order.

- ___ Contact Person (family, friends, etc)
- ___ UTD Office of Student AccessAbility
- ___ 9-1-1
- ___ University Police
- ___ Other (please specify): _____

19. What form of measurement would you prefer for quantifying distances?

☐ Meters ☐ Feet ☐ Steps ☐ Other: _____

20. What are some kinds of icons or menu items you would like to have access to when first opening the application?

21. Would you be comfortable with using headphones to use this application?

☐ Yes ☐ No

Please let us know any comments, requests, or questions:
