NaviSense

Questionnaire 2

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Website: https://ubadahjs.github.io/requirementsCourse/

SE 4351.001
Phase 2

SensoryNavSolutions Questionnaire

Advanced Feature Understanding:

1. How do you prioritize the following app features based on your personal needs? Rank them from 1 (most important) to 5 (least important).
   a. Real-time obstacle avoidance.
   b. Detailed indoor mapping (e.g., room numbers, restrooms).
   c. Social features (e.g., sending location to a friend).
   d. Integration with public transportation information.
   e. Customizable user profiles (e.g., saving frequently visited routes)

User Experience and Interface:

2. What has been your experience with the accuracy of indoor navigation technologies you've used in the past?
   a. Generally accurate.
   b. Mixed results.
   c. Often inaccurate.
   d. Have not used indoor navigation technologies before.

3. Describe any difficulties you have experienced with voice-controlled apps. What improvements would you suggest? (Open-ended)

4. For an app like NaviSense, what kind of voice feedback would you prefer?
   a. A single voice option that is clear and easy to understand.
   b. Multiple voice options to choose from.
   c. The ability to customize voice pitch and speed.
   d. Other (please specify).

Detailed Navigation Preferences:

5. When encountering an obstacle, how detailed should the instructions be to navigate around it?
   a. Very detailed, with step-by-step guidance.
   b. Basic directions (e.g., "step left").
   c. Preference for automatic rerouting without detailed instructions.
   d. Other (please specify).

6. In situations where multiple paths are available, how should NaviSense prioritize and present these options?
   a. Shortest path.
   b. Path with least obstacles.
   c. Paths with more handrails or tactile paving for guidance.
   d. Let the user decide based on detailed path descriptions.

Integration and Compatibility:

7. How important is it for NaviSense to integrate with other apps or services you use (e.g., ridesharing, public transportation apps)?
   a. Very important.
   b. Somewhat important.
   c. Not important.

8. Should NaviSense support wearable technology integration (e.g., smartwatches, fitness bands) for navigation assistance?
   a. Yes, definitely.
   b. Maybe, depending on the features.
   c. No, not necessary.

Personalization and Adaptation:

9. How would you like NaviSense to learn from your navigation habits?
   a. Automatically adapt routes based on my preferences.
   b. Suggest routes but allow me to choose.
   c. Do not automatically adapt; I prefer setting preferences manually.

10. For routes you frequently travel, what additional information or features would enhance your experience? (Open-ended)

Safety and Emergency Features:

11. What functionalities should NaviSense include to ensure your safety during navigation?
   a. Immediate obstacle and hazard alerts.
   b. Emergency call button within the app.
   c. Real-time location sharing with designated contacts.
   d. Other (please specify).

Feedback Loop and Community Engagement:

12. How valuable is a community feedback feature, where users can report accessibility issues or updates for specific locations?
   a. Very valuable
   b. Somewhat valuable
   c. Not valuable

13. Would you be interested in participating in a beta testing group for NaviSense, providing regular feedback and suggestions for improvement?

Closing Thoughts:

14. If you could suggest one innovative feature that hasn't been mentioned yet for NaviSense, what would it be? (Open-ended)

15. Any additional comments or insights you would like to share about your experiences or needs related to indoor navigation? (Open-ended)