

Informed Consent Form

Usability Evaluation of Sukoon: Your Companion in Aging

This document serves as an Informed Consent Form and acts as a contract between participants and researchers. You are being asked to participate in a study conducted by the research team from the Master's and Bachelor's programs in Cognitive Science and Computer Science at IIT Gandhinagar.

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1. Purpose of the Evaluation

The evaluation is an integral part of the iterative design and continuous process of developing Sukoon. The goal of this phase is to check users' requirements and confirm that users can utilize the product and that they like it. The results will help refine the Hi-Fi prototype, which is designed as a user-centred technological intervention to support the elderly population in maintaining cognitive, physical, and emotional well-being.

2. Procedure

- Setting and Method: This evaluation is a Usability Test conducted in a natural setting (in-the-wild evaluation).
- Activity: You will be asked to interact with the High-Fidelity Prototype of the mobile application on a laptop.
- Tasks: You will be asked to perform a series of tasks designed to test the app's functionality and interface. These tasks may include:
 - Setting a reminder for medication or an event.
 - Playing a Cognitive Game (e.g., memory game).
 - Activating the SOS or emergency-call feature.
 - Accessing or uploading data to the Medical Records section.
 - Accessing the My Progress screen.
- Duration: The total time commitment for the session will be 20 minutes.

3. Risks and Mitigation Measures

The evaluation carries minimal to no risks.

4. Participant Rights and Confidentiality

- Voluntary Participation: Your participation is entirely voluntary. You are free to refuse to participate or withdraw from the study at any time, for any reason, without penalty or loss of benefit.
- Data Usage: The data collected will be used to guide interface design and system implementation. The responsibility of data use and data storage will be upon the researchers. All data will be anonymized.
- No Sensitive Data Collection: We guarantee no collection of sensitive data beyond what is necessary for the usability test itself.

5. Consent Statement

I have read and understood the information provided in this form. I have had the opportunity to ask questions, and they have been answered to my satisfaction.

I understand and agree to the following (Please check the boxes):

- ☐ I understand why this evaluation is being done and what I will be asked to do.
- ☐ I understand that my participation is voluntary and I can withdraw at any time.
- ☐ I agree to the use of my anonymous feedback for research and design purposes.
- ☐ I understand and agree to continue.

Date: _____

Participant Signature

Researcher Signature