Accessibility in Our App

We firmly believe that the advantages of technology should be enjoyed by everyone, regardless of their physical, visual, cognitive, or auditory abilities. As a result, we designed our application with inclusiveness and ease of use at its core, including accessibility features that ensure a seamless and comfortable experience for all users, including those living with diseases such as Parkinson's disease.

Key Accessibility Features

Intuitive & Effortless Navigation

- A Home icon is present on every screen, minimizing the number of taps needed to return to the main dashboard.
- Navigation follows predictable, familiar patterns to reduce cognitive load and ensure ease of use.
- Buttons are clearly labeled and actions are simple, with minimal need for multi-step gestures or hidden functionality.

Cognitive & Motor-Friendly Design

- All buttons and touch targets are large that reduce the chances of accidental taps — especially helpful for users that experience tremors or have limited dexterity.
- UI elements are appropriately spaced out to prevent clutter and enable users focus on one task at a time.
- We minimize fast-moving or animated elements to accommodate those with motion sensitivity or cognitive impairments.

iPhone Read Aloud Support (VoiceOver)

- Before users register, they are redirected to their iPhone's Accessibility Settings, where they have the option to enable features like VoiceOver, Speak Screen, or other iOS-native read-aloud options.
- For users with low vision, the app uses standard system components to ensure full compatibility with VoiceOver and similar Android screen readers, allowing to navigate the app independently.

Voice Input via Microphone

- The app supports Apple's built-in microphone input for iOS and Google voice input for Android, letting users fill forms or log data using voice — especially useful for those with limited fine motor control.
- We ensure microphone permissions are requested clearly and only when necessary, respecting user privacy and control.

Readable, Clean Typography

- We use Open Sans, a highly legible sans-serif font, chosen for its readability on bright screens and suitability for elderly users.

- The font features wide spacing and distinct character shapes to reduce misreading and eye strain.

Visual Accessibility

- The app uses high-contrast colors and avoids relying solely on color to convey meaning.
- Emojis and visual indicators are paired with colors to help users with color blindness or visual challenges interpret feedback effectively.

Designed to Adapt

Our app supports and respects the accessibility features users enable at the system level:
- VoiceOver, AssistiveTouch, and Full Keyboard Access on iOS
- TalkBack and Switch Access on Android
- Reduce Motion settings are automatically supported by minimizing excessive animations and avoiding motion-based transitions.

Summary of Accessibility Enhancements

Feature	Accessibility Benefit
Large buttons & generous spacing	Reduces accidental taps; supports limited dexterity
Sans-serif font (Open Sans)	Improves readability for elderly and low-vision users
VoiceOver & Screen Reader support	Enables use without needing to see the screen
System microphone input	Supports voice-based input to reduce typing strain
Home icon on every screen	Reduces navigation complexity
Visual indicators + color coding	Helps those with color vision deficiency