

PDScreen

*AI-POWERED DIAGNOSTICS FOR
PARKINSON'S DISEASE (PD)*



Team PDScreen

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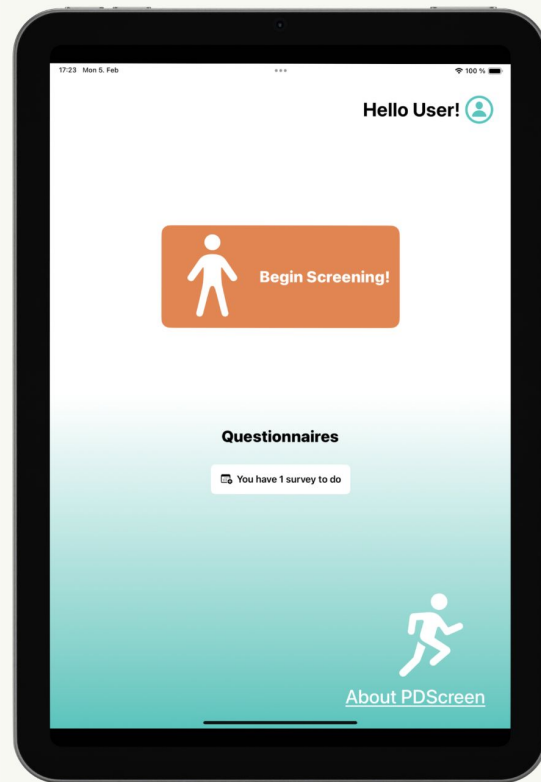
Problem: Long & complicated screening process



Solution: Automated & reliable screening

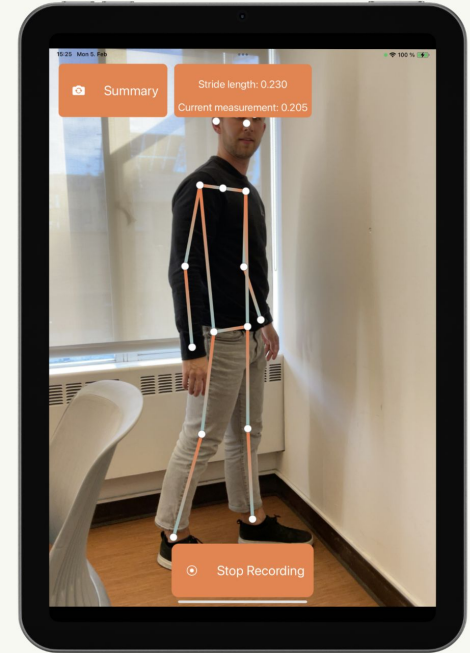
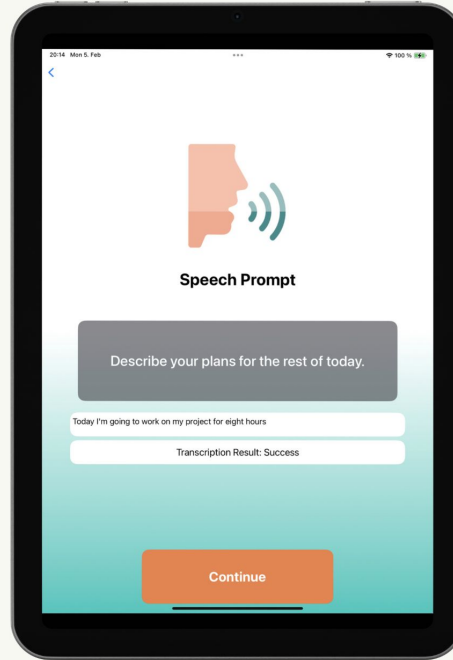
- Automate initial screening to ease time burden
- Screen conveniently at home
- Empower users with video-based data

One less appointment with PDScreen



Solution: Automated & reliable screening

- Speech detection
- Fine motor control
- Gait analysis
- Sleeping and smell



One less appointment with PDScreen



Use of AppleKits



UIKit



CoreImage, Vision



Combine



SwiftUI

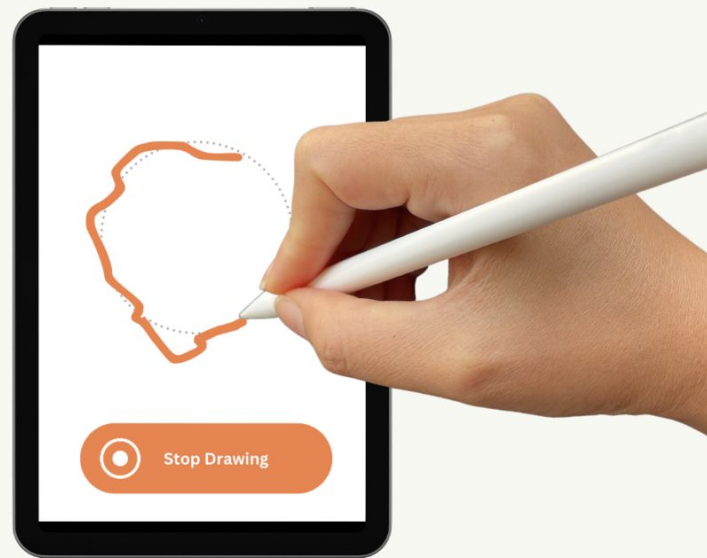
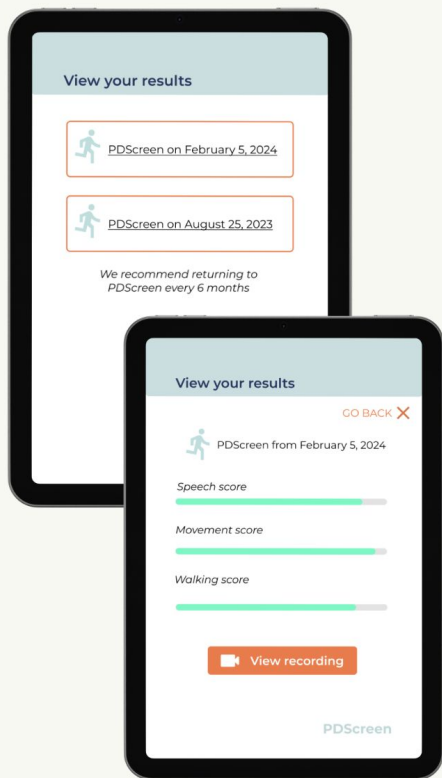


Speech, AVFoundation



CoreMotion

Future Iterations



PDScreen

THANK YOU