

CareAI Investor/Partner Technical Brief

Date: April 01, 2025

Overview:

CareAI is a next-generation, AI-powered mobile application built to provide intelligent, personalized care and companionship for seniors. Designed with accessibility, privacy, and global scalability in mind, the platform leverages machine learning, emotional intelligence, and real-time health support to enhance senior well-being and caregiver connectivity.

Target Market:

- Seniors living independently
- Caregivers (Children & Family)
- Healthcare providers
- Charitable and elder care institutions

Core Features:

- Emotionally intelligent Chat Assistant with voice support and dynamic personality
- Medication & health reminders with real-time voice playback
- Emergency SOS with caregiver and medical contact escalation
- Gifted access system for social responsibility and partner outreach
- Full accessibility and RTL support
- Offline functionality and low battery optimization

Technology Stack:

- Frontend: React Native (Expo, TypeScript, RTL & Accessibility support)

- Backend: Supabase (PostgreSQL, RLS, Functions, Realtime DB)
- Notifications: Expo Notifications + Text-to-Speech
- AI/NLP: Custom emotion/personality engine, voice feedback, Smart suggestions
- Security: RLS, Supabase Auth, token-based partner access, encrypted storage

Monetization Model:

- Subscription plans (Basic, Premium, Family, Medical)
- Admin-gifted and charity-subsidized access
- Strategic partnerships with NGOs, health providers, and insurers

Partnership Opportunities:

- Technical integration (APIs for health devices, EHR systems)
- Co-branded modules for healthcare/insurance partners
- Charitable impact partnerships for gifted access
- Global distribution in local languages

Why Invest:

- AI-powered solution addressing a growing global aging population
- Scalable architecture with multi-market potential
- High-impact social responsibility and mental health benefit
- Customizable platform for partner-driven innovation