CareKaki

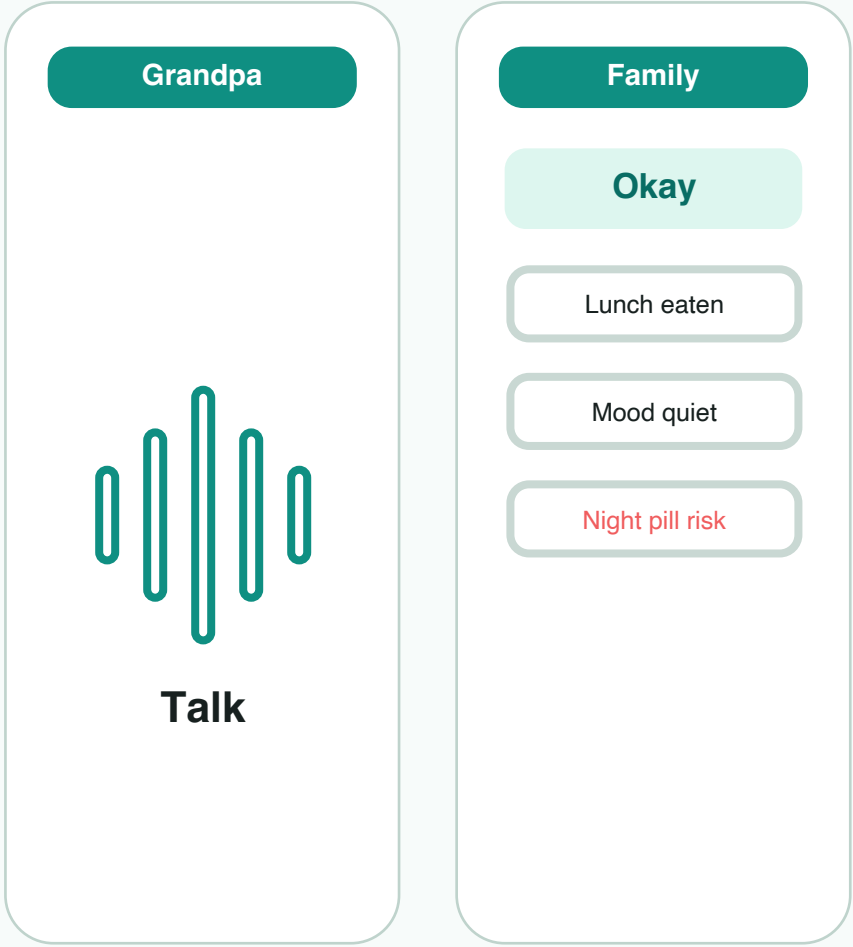
Care without constant calling.

A voice-first companion for seniors, with daily check-ins, medication nudges, mood signals, and caregiver summaries powered by Agora real-time AI.

Agora RTC SDK

Conversational AI Engine

Agent Builder Pipeline



Families miss the moments between calls.

87k

seniors 65+ lived alone in Singapore in 2024

1 in 4

citizens will be 65+ by 2030

The care gap

- **Calling too often feels intrusive.**

  Families want care without making seniors feel watched.

- **Not calling hides weak signals.**

  Meals, medication confusion, loneliness, and dizziness can disappear between calls.

- **Caregivers need signal, not surveillance.**

  The right alert at the right moment beats constant checking.

Sources: Singapore MOH Parliamentary QA, 15 Oct 2025; MOH Ageing in the community, updated Apr 2026.

A daily voice companion that turns conversation into care signals.

1 Speak naturally

Grandpa talks about kopi, lunch, pain, loneliness, or medicine in his own words.

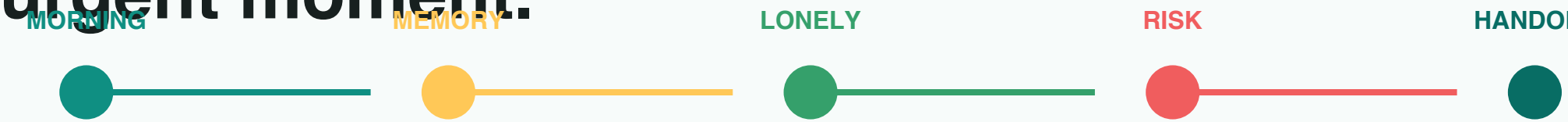
2 Understand gently

CareKaki keeps replies short, one question at a time, and extracts useful family context.

3 Escalate safely

If medication confusion plus dizziness appears, family sees an urgent care signal.

The judge demo follows one senior, one family, one urgent moment.



Kopi and lunch

Meal and medicine become calm care signals.

Knee still sore

CareKaki remembers yesterday and asks gently.

Misses grandson

Family gets a human note, not an alarm.

Maybe took night pill twice + dizzy

CareKaki says: do not take another pill, sit down, alerting family.

Family joins

The agent summarizes the room context in seconds.

What judges should remember

CareKaki makes one ordinary conversation useful for companionship, family awareness, and safe escalation.

Built as real software, with a reliable stage demo.

Senior app



Start CareKaki

Large controls, readable transcript

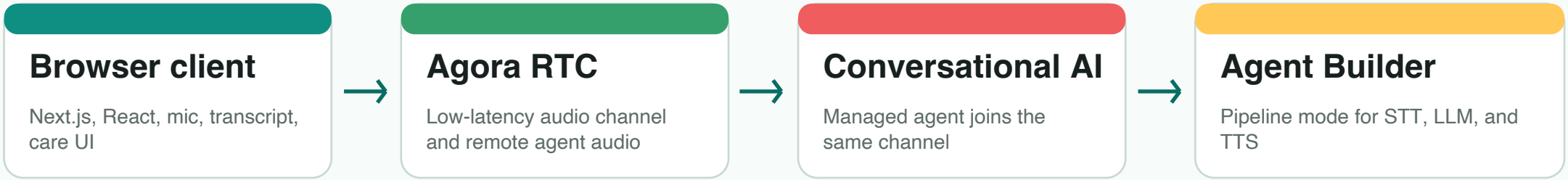
Family app

- Meal: lunch eaten
- Mood: quiet
- Medication: urgent

Demo reliability

- **Live Agora voice**
  Preferred path for judging.
- **Scripted beats**
  Fallback if venue audio fails.
- **Same care state**
  The dashboard updates visibly.

Agora is the real-time backbone.



Python backend

Generates RTC/RTM tokens, starts the Agora AI agent, and handles hangup.

Care signal layer

Local rules convert transcript moments into caregiver cards, timeline, and alerts.

Designed to assist, not diagnose.

Safety triggers

- **Medication uncertainty**

  Do not take another pill right now.

- **Dizziness or falls**

  Sit down, keep the phone nearby, alert family.

- **Chest or breathing trouble**

  Escalate immediately to family/emergency support.

What makes it different

- **Companion first**

  The senior experience feels like talking, not being monitored.

- **Family gets context**

  Caregivers see concise summaries, important quotes, and next actions.

- **Hackathon-real**

  Live Agora voice path plus scripted fallback for reliable judging.

CareKaki

The voice check-in between family calls.

For seniors: companionship. For families: the important moments. For hackathon judges: a working real-time Agora voice AI experience.



Demo

/demo

/grandpa

/family