

SOLAi

AI SOLAR SALES AGENT

HSJ Technologies

Agora Hackathon Philippines 2026

02

The Problem

Filipino households and small businesses face high electricity costs and frequent brownouts, making reliable solar solutions highly desirable. Yet solar adoption remains slow because traditional sales are manual, slow, and impersonal.

Rising Meralco Bills

Electricity costs keep climbing, pushing families to seek alternatives.

Unreliable Grid Power

Frequent brownouts disrupt daily life and business operations.

Inefficient Sales Process

Manual, slow, and impersonal sales lose interested customers.

03

Our Solution

SOLAi is a warm, female-voiced AI Sales Agent that feels like a helpful Filipino big sister.

She engages customers through natural, respectful English voice conversations — patient, honest, and never pushy. Using polite expressions like “po” and “opo”, she listens first, understands their needs, educates them simply, and recommends the right solar solution.

SOLAi turns hesitant inquiries into trusted solar decisions — warm, personal, and culturally relatable.

04

How It Works

SOLAi engages customers through natural voice conversations:

1

Customer Calls

Starts a real-time voice conversation via Agora

2

Warm Dialogue

Greets politely, listens first, asks one question at a time

3

Smart Personalization

Remembers context and details across conversations

4

Helpful Closing

Recommends tailored solutions and books site assessments

Tech Stack

Agora — Real-time voice conversations

Couchbase — Persistent memory & vector search

NextJS — Full-stack application

05

Technical Architecture

Voice & Conversation

Agora

Low-latency real-time voice AI

Memory & Intelligence

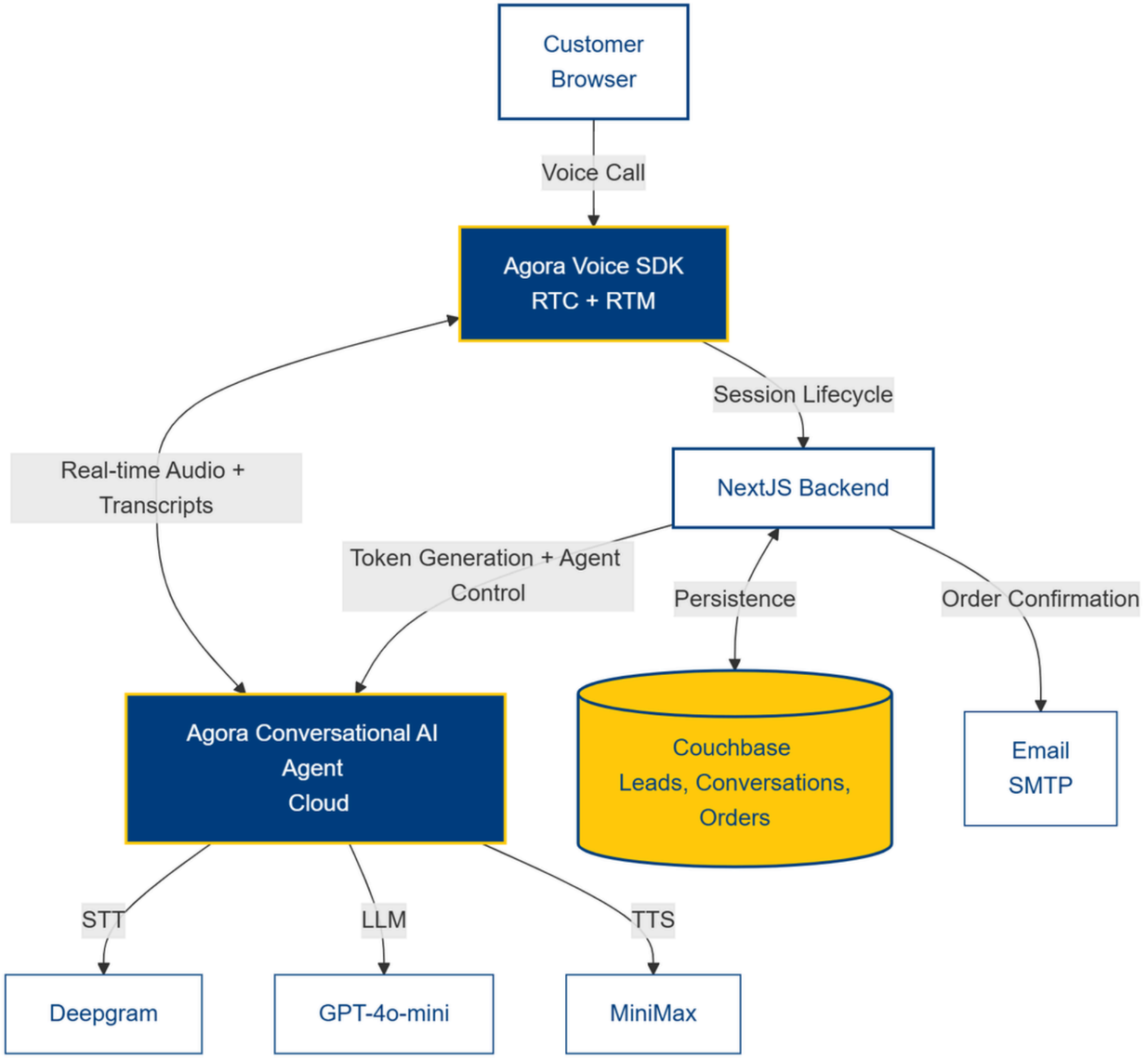
Couchbase

Customer profiles, conversation history, and vector search for personalization

Application

NextJS

Full-stack frontend dashboard and backend logic



06

Market Opportunity

Philippines Focus

Huge and growing demand for solar due to high electricity prices and renewable energy push.

Strong value for solar companies and installers needing better conversion rates.

Target Customers

- Households in provinces and suburbs
- Small businesses (sari-sari stores, farms, clinics)
- Off-grid communities

Key Benefit

Faster sales cycles with higher trust and personalization.

07

Future Roadmap

- Integrate with GCash, Maya, and solar inventory systems
- Advanced analytics for sales teams
- Multi-agent system (qualification + technical advisor + closer)
- Expand to financing options and after-sales support

08

Team

HSJ Technologies



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Thank You!

Let's make solar energy more accessible for every Filipino.