TEAM AIM

THE TEAM

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Problem Statement

The Philippine swine industry is losing billions to African Swine Fever (ASF) and Classical Swine Fever(CSF), not because we lack vaccines, but because of Human Behavior.
The core problem is the "Obserbaran ko muna" (I'll observe first) mindset. When a backyard farmer sees a pig lying down, they wait 2-3 days to "see if it gets better."
In that window, the virus spreads to the entire pen. That hesitation turns a single sick pig into a herd-wide culling event.

How big is the problem?

This is a P260 Billion industry crisis. Backyard raisers hold 60-70% of the swine inventory. They are the frontline, yet they are the blind spot. Current solutions (thermal cameras) are too expensive, and free solutions (YouTube) are full of misinformation. We are solving the fatal 2-day delay in decision-making for millions of smallholders.

Impact

How does solving this add to the business?

We are shifting the industry from Reactive Damage Control to Proactive Containment. For the Farmer: We reduce the decision time from 3 days to 3 minutes. Early isolation saves the rest of their herd ROI: P50k - P200k saved per outbreak).

Product: The "AI-Nudge" Triage System

SwineGuard is not a magic diagnostic box. It is a Behavioral Triage System designed to save the Philippine swine industry from viral disease such as African Swine Fever (ASF) or Classical Swine Fever (CSF).

The Solution: Dual-Verification Workflow. Competitors try to replace farmers with AI Chatbots, but farmers often hesitate or don't know how to prompt them. SwineGuard augments the farmer instead

The Unique Selling Point (USP):

We use a unique "Dual-Verification" workflow:

1. **The AI Nudge:** Our computer vision model detects High Respiratory Rate (Fever Proxy) from a simple phone video. It creates an objective "Yellow Alert" that breaks the farmer's denial.
2. **The Human Confirmation:** The app forces the farmer to verify the fever with a thermometer to unlock the "Red Alert" status.
Result: We generate High-Fidelity, Human-Verified Data that government agencies can trust, costing fractions of a cent per scan via Function Compute.

DEMO

**AIM Team
Demo_(SwineGuard Platform:
Built on Alibaba Cloud (Dify +
Qwen-VL))**

THANK YOU