Dalibi AgriSmart Product Demo

AI-Driven Agricultural Intelligence Platform

Empowering Farmers with AI-Driven Agricultural Intelligence

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1. Overview

Dalibi AgriSmart is a digital platform designed to enhance productivity, decision-making, and financial inclusion for farmers across Nigeria. The platform integrates artificial intelligence, weather data, and local language support to provide actionable insights and market access for smallholder and medium-scale farmers.

2. Farmer Dashboard

The farmer dashboard serves as the operational hub, displaying daily weather forecasts, soil moisture levels, and yield predictions. Farmers can also receive pest alerts, crop health tips, and personalized notifications directly on their mobile devices.

3. AI Insight Engine

Dalibi AgriSmart's AI engine processes real-time environmental and farm-level data to deliver predictive insights. It analyzes satellite imagery, soil data, and regional climate trends to forecast crop performance and recommend best practices, helping farmers mitigate risks and plan ahead efficiently.

4. Market & Financial Linkage

The platform connects farmers with verified agro-input suppliers, buyers, and microfinance institutions. By using machine-learning–based risk assessments, the system supports credit scoring, enabling banks to provide accessible loans. Farmers can sell produce directly to registered buyers through digital marketplaces integrated into the platform.

5. Community Pilot Snapshot

A pilot program in Yobe State demonstrated strong adoption among local farmers. Early participants reported improved crop planning, reduced input costs, and better understanding of weather patterns. Feedback from this pilot is being used to refine the AI models and expand outreach to other states.

6. Closing Note

Dalibi AgriSmart aligns with NASENI's vision for indigenous innovation and sustainable agricultural modernization. The platform promotes self-reliance by equipping farmers with real-time intelligence, fostering data-driven agriculture, and strengthening Nigeria's food security framework.

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