



Farm Vision

Revolutionizing Agriculture with Smart Technology

Farm Vision is an innovative agriculture technology project focused on empowering farmers with advanced smart devices.

Our mission is to enhance agricultural productivity and sustainability by providing cutting-edge solutions that integrate Artificial Intelligence (AI) and data analytics.

Our Devices

1. Agro Track

Functionality: Agro Track is a comprehensive environmental monitoring device that tracks key agricultural parameters.

- **Features**

- **Soil Moisture & Temperature:** Ensures optimal soil conditions for plant growth.
- **Air Humidity & Temperature:** Monitors atmospheric conditions affecting crop health.
- **Wind Speed & Direction:** Helps in understanding microclimate variations.
- **Growth Tracking:** Utilizes AI to monitor crop development stages.
- **Pest and Disease Detection:** Employs AI to identify pests and diseases early.
- **Recommendations:** Provides actionable advice on pesticide and fertilizer usage based on real-time data.

2. Agro Pod

Functionality: Agro Pod is a nutrient analysis device designed to ensure soil health and fertility.

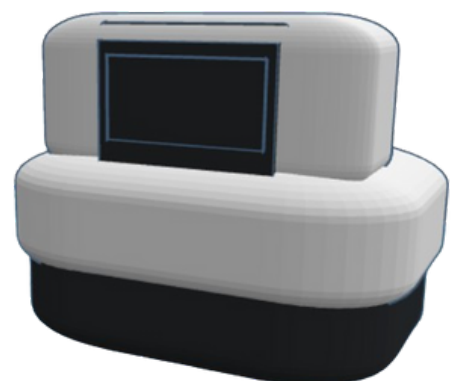
- **Features**

- **Nutrient Detection:** Measures essential soil nutrients (NPK - Nitrogen, Phosphorus, and Potassium).
- **pH Level:** Determines soil acidity or alkalinity.
- **Electrical Conductivity (EC):** Indicates soil salinity levels.
- **Temperature & Humidity:** Monitors environmental conditions within the soil.

AGRO TRACK



AGRO POD



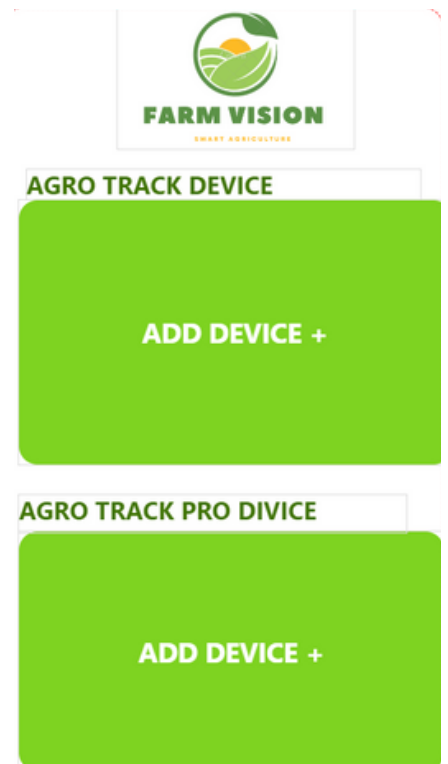
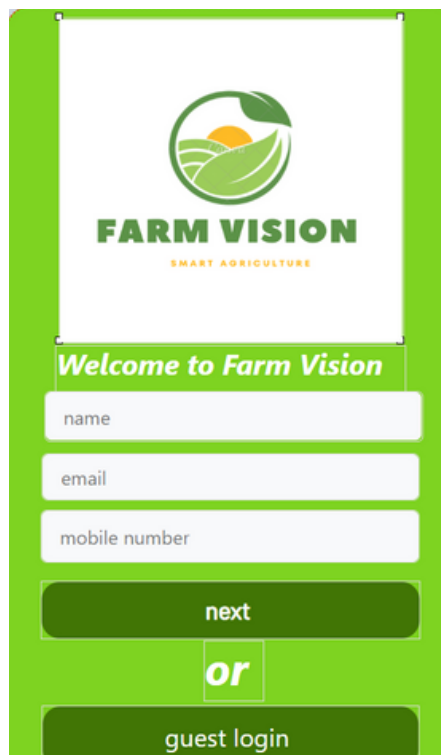
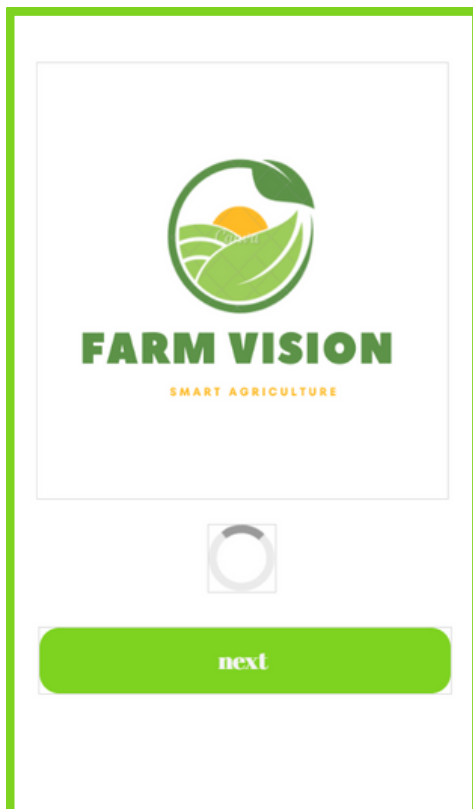
Farm Vision App

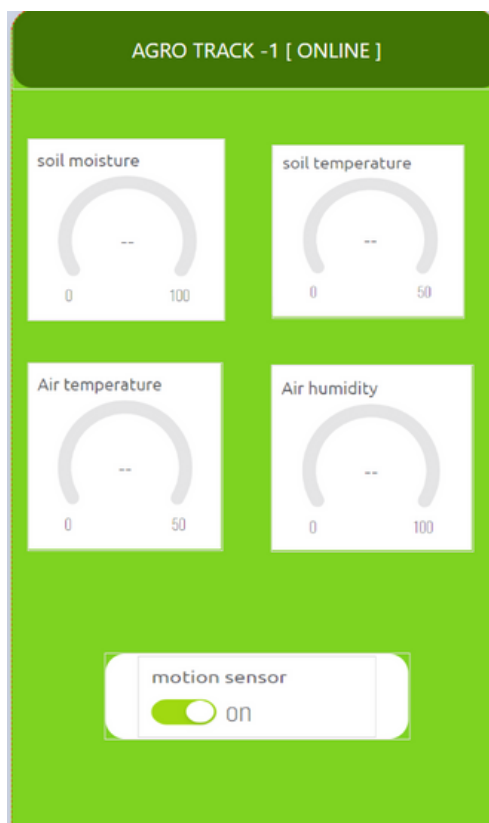
The Farm Vision app serves as the central hub for integrating data from both Agro Track and Agro Pod devices.

Features

- **Advanced Analytics:** Detailed insights into soil health, crop growth, and environmental conditions.
- **Data-Driven Solutions:** Personalized recommendations for pest control, fertilization, and irrigation.
- **Real-Time Monitoring:** Continuous updates on field conditions to help farmers make informed decisions.

APP INTERFACE





Why Farm Vision?

- **Enhanced Productivity:** With precise monitoring and actionable insights, farmers can optimize their crop yields and improve productivity.
- **Sustainable Practices:** By recommending the right amount of fertilizers and pesticides, we promote sustainable farming practices.
- **Cost Efficiency:** Accurate, data-driven recommendations reduce resource wastage and maximize returns.

Farm Vision is dedicated to revolutionizing agriculture through smart technology, making farming more efficient, sustainable, and profitable for farmers.