AgriAssist : Your One-Stop Solution for Smart Farming

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Abstract*: This project is a smart agriculture support system designed to help farmers manage crop health, monitor market prices, and access essential resources. Farmers can upload images of their crops to detect diseases, with the system providing prevention tips and treatment recommendations. Integrated market APIs give real-time food prices, while a storage facility feature lets farmers track where their produce is stored. Additionally, weather information is provided to help plan farming activities effectively. For transport, the system offers an option to view and book vehicles, showing routes, available capacity, and destination options, making it easier for farmers to arrange transportation for their goods.*

Keywords: Smart Agriculture, Crop Health Monitoring, Disease Detection, Market Price Tracking, Real-Time Food Prices, Weather Forecasting, Farming Resources, Storage Facility Tracking, Transportation Booking, Route Management, IoT in Agriculture, Farmer Support System, Crop Image Analysis, Agricultural Technology, Sustainable Farming

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DOI: 10.48175/IJARSCT-24088

ISSN
2581-9429
IJARSCT

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