FARMING PROJECT MANAGEMENT REPORT. SYSTEM ANALYSIS

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REGISTRATION NAME: S23B13/050

Actors: Entities interacting with the system .

Farmers

Suppliers

customers

Functions and services provided by the system

Planting.

Harvesting

Seasoning

Packaging

Inventory management.

The system works in a way that it has actors:

Detailed as farmers, suppliers, customers

The actors are the main entities that stimulate on the farming management and run it.

## **Benefits of the system**

### **1. Increased Efficiency**

By streamlining operations and providing real-time data, FMS helps farmers make informed decisions that lead to increased productivity.

### **2. Improved Sustainability**

With tools for monitoring resource use and environmental impact, farmers can adopt more sustainable practices that benefit both their business and the ecosystem.

### **3. Enhanced Profitability**

Optimizing resource use and improving crop yields contribute to higher profit margins for farmers.

**Problems accounted in the farming management system**

1. **Technology Adoption**: Resistance to new technology among some farmers can hinder implementation.
2. **Data Privacy**: Concerns about data security and privacy may arise, requiring robust safeguards.
3. **Initial Costs**: The upfront investment in technology and training can be a barrier for small-scale farmers.

Solution : I collected all information about the farmers and filled in there appiication forms which almost solved the issues

## **Conclusion**

A Farming Management System that I personally developed enabled farmers to optimize their operations, enhance productivity, and promote sustainable practices. technology continued to evolve, the integration of advanced data analytics, IT devices, and mobile applications will further transform farming, making it more efficient and responsive to the challenges of the future. Embracing these systems can lead to significant benefits for farmers, consumers, and the environment alike.