

Purpose : Direct farmer-to-customer selling Real-time weather updates Farming news aggregation AI chatbot for agri queries ML-based crop & soil predictions	Product experience : Easy product listing for farmers Smooth customer shopping experience Interactive AI chatbot responses Quick weather/news access Personalized agri suggestions	Customer revalidation : User feedback on chatbot usefulness Purchase experience ratings Weather prediction accuracy ML prediction satisfaction Security & performance reviews
	Product function : B2C e-commerce platform Search, filter, and sorting AI chatbot using Gemini model ML-based crop/fertilizer/soil prediction Secure checkout via PayPal Add to cart functionality News & weather integration Token-based & Google OAuth login	
People : Farmers Customers Developers Admin team Data scientists	Product features : Real-time weather updates Farming-related news feed AI chatbot 24/7 support ML predictions (crop, fertilizer, soil) Redis caching for speed Rate limiting & XSS protection Google OAuth login Secure PayPal payment Add to cart & checkout Soft delete and data seeding Upcoming 1-1 and group chat	Reject Redesign Retain : Reject: Traditional B2B farming models Redesign: Basic chatbot → Gemini-powered AI Retain: C2B marketplace idea Retain: Secure and scalable backend Redesign: Static UI → Responsive React UI
	Component : Node.js + Express backend MongoDB database Flask + ML model microservices Gemini-powered chatbot Redis caching system React frontend UI PayPal payment module Authentication (JWT + OAuth) WebSocket (for future chat system)	