

Minutes of Meeting (MOM)

Agricultural Trading Platform Requirements

Date: November 8, 2025

Attendees: Client Representative, Development Team, Business Analyst

Purpose: Discuss and finalize user roles, workflows, and features for the agricultural trading platform.

1. Project Overview

The platform aims to connect multiple stakeholders in the agricultural supply chain to facilitate crop trading, payments, and logistics. The key user types are:

- Farmer
- Trader
- Employee / Daily Laborer
- Transporter
- Partner / Investor

Each user type will have role-specific registration, login, and interaction workflows.

2. User Roles and Functionalities

Farmer

- **Registration & Login:** Farmers register by providing personal details, farm location, documents (PAN, Aadhaar), and bank details. Login via mobile number and MPIN.
- **Crop Management:**
 - Add new crops with details like type, variety, seed type, and farming method (regular or organic).
 - Update crop growth stages (e.g., nursery, pre-planting, vegetative, flowering, harvesting) with images, GPS location, and time stamps.
- **Crop Sales:**

- List crops for sale when ready, specifying packaging types (kg, box, crate, bunches, etc.).
- Provide quantity, grade (A/B/C), and pricing per grade.
- Upload photos/videos and set nearest markets for sale.
- **Dashboard:** Track crop status, sales, pending payments, bids from traders, and completed transactions.
- **Interactions:** Chat with traders, accept offers, and coordinate deliveries.

Trader

- **Registration & Login:** Traders register separately with unique fields including company details and bank information.
- **Crop Browsing:**
 - View all crop categories and sub-categories.
 - Filter available crops by location, grade, and farmer.
- **Negotiation and Pricing:**
 - Accept farmer's listed price or propose a counter-offer price.
 - Confirm price mutually to place orders.
- **Payment:** Make initial payments through integrated payment gateways (UPI, debit/credit card, net banking).
- **Order Tracking:** After payment, orders are notified to transporters for delivery.

Transporter

- **Registration & Login:** Separate registration capturing vehicle types and pricing per kilometer.
- **Order Management:**
 - Receive delivery requests after trader payment confirmation.
 - Accept or reject orders.
 - Track pick-up from farmer land and delivery to trader warehouse using mapping and scheduling features.

Employee / Daily Laborer

- Will have registration to associate with farms, allowing work assignment and attendance tracking.
- Details and specific work types will be captured with village linkage for nearest labor assignments.

Partner / Investor

- Registration to participate in network growth and invest in platform initiatives.
- Access reports and dashboards on platform performance and financials.

3. Workflow Summary

1. Farmer registers and adds crops with growth updates.
2. Once crops mature, farmer lists produce for sale with grading and pricing.
3. Trader browses crops, negotiates price, and places orders upon mutual agreement.
4. Trader makes payment via platform's payment gateway.
5. Transporters receive notifications, accept delivery jobs, and ensure product movement from farm to trader.
6. Employee/labor modules support farm operations, labor management.
7. Partners/investors access analytics for strategic oversight.

4. Key Features Highlights

- Role-based registration/login with distinct forms and validations for farmers, traders, transporters, employees, and partners.
- Crop lifecycle tracking with multimedia and geotagging support.
- Dynamic pricing models including multi-grade pricing and negotiation.
- Real-time notifications and chat for buyer-seller and logistics communication.
- Integration with payment gateways supporting UPI, debit/credit cards, net banking.
- Order and delivery tracking with route mapping for transporters.
- Financial dashboards for farmer sales, trader purchases, pending and completed payments.
- Labour management modules to assign, track, and verify daily operations.