**Entities**

1. Farmer
2. Agent
3. Buyer
4. Admin
5. Payment
6. Shipment
7. Cotton
8. Commission

**Atributes**

1. **Farmer**

**Attributes**: FarmerID, Name, Email, Phone, Address, Password, BankDetails

1. **Admin**

**Attributes**: AdminID, Name, Email, Password, Role (Super Admin, Payment Approver, etc.)

1. **Agent**

**Attributes**: AgentID, Name, Email, Phone, Address, Password, LicenseNumber

1. **Buyer**

**Attributes**: BuyerID, Name, Email, Phone, Address, Password, CompanyName

1. **Payment**

**Attributes**: PaymentID, OrderID (FK), BuyerID (FK), AgentID (FK), Amount, PaymentDate, PaymentMode, PaymentStatus, AdminID (FK), ApprovalStatus, ApprovalDate

1. **Shipment**

**Attributes**: ShipmentID, OrderID (FK), ShippedBy (Farmer/Agent), ShipmentDate, DeliveryDate, TrackingNumber, ShipmentStatus

1. **Cotton**

**Attributes**: CottonID, FarmerID (FK), Type, Quality, Quantity, PricePerKg, DateListed, Status

1. **Commission**

**Attributes**: CommissionID, OrderID (FK), AgentID (FK), FarmerCommission, BuyerCommission, TotalCommission, CalculationDate