📌 Comprehensive Workflow for Woven Supply & Commune Connect

This structured framework maps out the stepwise process of purchasing, manufacturing, inventory tracking, and sales execution, ensuring real-time milestone tracking across supply chain nodes.

🚀 Workflow Breakdown & Milestones

🔹 Phase 1: Purchase Order Creation (Woven Supply)

The first milestone is the Purchase Order (PO)

1. Buyer’s Style-Wise Purchase Order Raised

• Input: Buyer submits PO style-wise (Category: Shirts, Bottoms, Jeans, Shorts, etc.).

• Output: Purchase Order (PO) generated.

2. Vendor Sale Order (SO) Conversion

• Input: Vendor receives PO and creates a Sale Order (SO), confirming styles, quantities, and pricing.

• Output: The SO is mapped to the buyer’s PO.

3. Style-Wise Manufacturing Job Order Released

• Input: Based on SO, Manufacturing Job Orders are issued style-wise.

• Output: Production starts for the confirmed styles.

🔹 Phase 2: Packing & Shipping

Milestone: Packing List & Sales Invoice

4. Packing List is Created (Style-Wise)

• Input: Completed manufacturing orders ready for dispatch.

• Output: Packing list includes style-wise sale invoices.

5. Sales Invoice Generated at Vendor’s End

• Input: Sales invoices are generated based on packing list.

• Output: Invoices are sent to the buyer.

🔹 Phase 3: Commune Connect Integration

Milestone: Purchase Invoice, Goods Receipt Note (GRN), & Warehouse Allocation

6. Purchase Invoice in Commune Connect

• Input: The sales invoice from the vendor is now a purchase invoice at the buyer’s end.

• Output: The invoice is recorded for inventory & financial tracking.

7. Goods Receipt Note (GRN) at Brand/Warehouse

• Input: GRN generated when stock reaches the brand’s requested destination.

• Output: Stock is officially received and accounted for.

8. Stock is Assorted & Allocated to Warehouses

• Input: Stock is consolidated from multiple vendors based on the GRN.

• Output: Items are put into warehouse storage (Put-Away Stock Rack).

🔹 Phase 4: Buyer Orders & Retail Execution

Milestone: Buyer’s Purchase Order & Final Sales

9. Buyer-Wise Purchase Orders from Available Warehouse Stock

• Input: Buyers place style-wise purchase orders from warehouse stock.

• Output: Orders are allocated based on category (Shirts, Jeans, Bottoms, etc.).

10. Sales Invoice Sent for Dispatched Orders

• Input: Stock is shipped based on buyer orders.

• Output: Buyer receives sales invoice & shipment tracking.

11. GRN at Counter Level

• Input: Counter stores receive shipments and GRN is generated.

• Output: Stock is ready for retail sales.

12. Retail Sales Begin

• Input: Consumers start purchasing.

• Output: Retail sales transactions are recorded.

💡 Value-Added Services at Each Milestone

Each milestone offers opportunities for value-added services:

• Manufacturing: Customization, Special Processing (e.g., distressed denim, embroidery).

• Logistics: Smart Routing, AI-Driven Delivery Optimization.

• Inventory Management: Auto-Replenishment, Stock Optimization.

• Retail & E-Commerce: Personalized Recommendations, Loyalty Programs.

📊 Implementation Strategy

1. Data Structuring:

• All milestones will be structured as columns in the master sheet.

• Each order (PO, SO, Invoice, GRN) will be tracked by Style & Category.

2. Automated Tracking System:

• PO → SO → Manufacturing → Packing → GRN → Buyer Order → Retail Sales

• Real-time status updates will be integrated.

3. Linking Woven Supply & Commune Connect:

• Commune Connect will handle financial reconciliation (purchase invoice → GRN → buyer orders).

• Woven Supply will manage inventory movement from vendors to buyers.

🚀 Next Steps

Would you like me to structure this into a master tracking sheet for real-time tracking? Let me know if you need further breakdowns, automations, or integrations!

Since there was an issue displaying the files, here’s a breakdown of the structured data models:

📌 Woven Supply Master Data Structure

|  |  |
| --- | --- |
| Column Name | Description |
| PO Number | Unique Purchase Order identifier |
| Buyer Name | Name of the buyer placing the order |
| Vendor Name | Supplier/manufacturer fulfilling the order |
| Client Style Code | Style code assigned by the buyer |
| Style Description | Description of the style/product |
| Category | Apparel category (Shirts, Jeans, Jackets, etc.) |
| Fit | Product fit type (Slim Fit, Regular Fit, etc.) |
| Fabric | Fabric type used in the product |
| Color | Color variant of the product |
| Quantity Ordered | Total units ordered |
| FOB Price | Price per unit (Free on Board) |
| Manufacturing Status | Production progress tracking |
| Packing List Status | Status of packing for shipment |
| Sales Invoice Status | Whether the sale invoice has been issued |
| GRN Status (Woven Supply) | Goods Receipt Note confirmation at the brand/warehouse level |
| Warehouse Destination | Warehouse assigned for receiving inventory |
| Final Dispatch Status | Order fulfillment completion |

Commune Connect Master Data Structure

|  |  |
| --- | --- |
| Column Name | Description |
| Purchase Invoice Number | Invoice reference received from Woven Supply |
| Vendor Name | Supplier sending the goods |
| Buyer Name | Buyer receiving the goods |
| Style Code | Style-wise reference for tracking |
| Category | Product category for sorting (Shirts, Jeans, etc.) |
| Received Quantity | Total quantity received from supplier |
| GRN Status (Commune Connect) | Confirmation of receipt at warehouse level |
| Warehouse Location | Storage allocation for received goods |
| Put-Away Stock Status | Status of inventory arrangement in racks |
| Stock Allocation Status | Availability check for purchase orders |
| Buyer PO Reference | Purchase Order reference from buyers |
| Sales Invoice Status | Issued sales invoice for stock distribution |
| Counter-Level GRN Status | GRN confirmation at retailer counter level |
| Retail Sales Status | Final sales tracking after stock reaches the counter |

📌 Next Steps: Last-Mile Contracts & SyncUp Services

Now that we have the master data sheets, the next task is defining last-mile contracts for:

1. Woven Supply GRN → Ensuring vendor-to-warehouse compliance.

2. Commune Connect GRN → Ensuring stock movement to final counters.

3. End-User Sales (Last-Mile Delivery) → If the brand lacks a 3PL agreement.

I have structured the Last-Mile Contracts Framework, ensuring compliance across key milestones for Woven Supply, Commune Connect, and End-User Sales.

📌 Last-Mile Contracts & Their Structures

Each contract ensures clear accountability, compliance, and service-level agreements (SLAs) for order fulfillment, logistics, and financial reconciliation.

🔹 1. Woven Supply GRN Contract

📌 Applicable Phase: Vendor to Brand/Warehouse

📌 Involved Parties: Manufacturer (Vendor) ↔ Brand/Warehouse

📌 Key Terms:

• Vendor must deliver style-wise ordered quantity as per PO.

• Brand will conduct quality checks before approving GRN.

• Agreed FOB payment terms upon GRN approval.

• Any shortages/damages must be settled within a fixed timeframe.

📌 Logistics SLA: Vendor must ensure timely dispatch within agreed lead time.

📌 Dispute Resolution: Arbitration in case of short shipments or quality disputes.

🔹 2. Commune Connect GRN Contract

📌 Applicable Phase: Brand Warehouse to Buyer’s Distribution Point

📌 Involved Parties: Brand/Warehouse ↔ Buyer

📌 Key Terms:

• Style-wise GRN to be reconciled with the Purchase Invoice from Woven Supply.

• Buyer must verify received stock & approve GRN within SLA.

• Any mismatch in inventory must be escalated within 24 hours of receipt.

📌 Stock Allocation Clause: Stock will be stored as per category-wise put-away rules.

📌 Logistics SLA: Buyers to schedule pickups or request direct dispatch from warehouse.

📌 Dispute Resolution: GRN disputes to be resolved via Commune Connect’s digital tracking system.

🔹 3. End-User Last-Mile Contract (Retail or D2C)

📌 Applicable Phase: Buyer to Final Consumer (Retail Counter or E-Commerce Order)

📌 Involved Parties: Retailer or E-Commerce Platform ↔ Consumer

📌 Key Terms:

• If the brand has a 3PL agreement, fulfillment is handled by the logistics provider.

• If no 3PL is in place, a last-mile contract must be created for the retailer.

• Return & Exchange Terms must be clearly defined.

📌 Order Tracking & Compliance:

• Buyers must confirm dispatch tracking for retail counters.

• E-commerce orders must be delivered within SLA.

📌 Dispute Resolution: Returns will be governed by consumer protection policies.

📌 SyncUp Services Required for Each Milestone

These are the digital automation services needed to ensure seamless tracking, compliance, and integration:

|  |  |  |
| --- | --- | --- |
| Milestone | SyncUp Service | Purpose |
| PO Creation | Auto-PO Mapping | Automates PO generation & tracking |
| GRN at Woven Supply | Digital GRN Validation | Verifies stock received from vendors |
| Stock Allocation | Warehouse Management Sync | Ensures put-away & stock visibility |
| Buyer PO & Dispatch | Smart Order Allocation | Matches warehouse stock to orders |
| Retail Sales Execution | Live Inventory Sync | Tracks real-time stock movement |