Epics, User Stories, and Acceptance Criteria

			INBOUND				
EPIC	**USER STORY TITLE**	**USER STORY**	**ACCEPTANCE CRITERIA**	**BUSINESS ALIGNMENT**	**PRIORITY**	**EFFORT ESTIMATION**	**DESCRIPTION**
EPIC 1: ASN-Based Inbound Receipt Validation **Business Goal:** Improve inbound accuracy and prevent inventory discrepancies at receipt.	**US-IN-01:** Scan ASN on Shipment Arrival	*As a Warehouse Associate, I want to scan the ASN barcode when a shipment arrives so that the system can retrieve expected shipment details automatically.*	1. ASN barcode must be scannable at the dock. 2. System retrieves PO, SKU list, quantities, and expiry details. 3. Invalid or missing ASN triggers an exception alert. 4. Associate can proceed only after ASN is validated.	**TO-BE Process:** Inbound **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, % SKUs Oversold (ATP < 0)	Must Have	5 Story Points	Ensures inbound shipments are identified accurately on arrival to reduce receiving errors and mismatches.. Enables system-driven inbound validation instead of paper-based checks.
	US-IN-02: Validate Received Quantities Against ASN	*As a Warehouse Associate, I want the system to validate received quantities against the ASN so that quantity mismatches are identified immediately.*	1. System compares scanned quantities with ASN quantities. 2. Exact matches allow receipt continuation. 3. Variances trigger a discrepancy alert. 4. Associate cannot finalize receipt with unresolved mismatches.	**TO-BE Process:** Inbound **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, Total ATP Qty	Must Have	5 Story Points	Confirms received quantities match expected shipment data to prevent inventory discrepancies at receipt.
	US-IN-03: Perform Quick Visual Quality Check	*As a Warehouse Associate, I want to perform a quick visual check for damage, labels, and expiry so that non-compliant items are identified at receipt.*	1. Associate can flag damage, expiry, or label issues. 2. Issues are logged against the receipt. 3. Items with issues are blocked from putaway. 4. Issue flags trigger supervisor notification.	**TO-BE Process:** Inbound **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, Total Inventory Value	Must Have	3 Story Points	Prevents non-sellable inventory from entering stock.

EPIC	USER STORY TITLE	USER STORY	ACCEPTANCE CRITERIA	BUSINESS ALIGNMENT	PRIORITY	EFFORT ESTIMATION	DESCRIPTION
EPIC 2: Inbound Exception Handling & Supervisor Review **Business Goal:** Digitize exception handling and reduce manual follow-ups.	**US-IN-04:** Generate Inbound Discrepancy Alert	*As a Warehouse Associate, I want the system to automatically generate a discrepancy alert when issues are detected so that manual paperwork is eliminated.*	1. Alerts are generated for quantity or QC issues. 2. Alerts include SKU, variance type, and reason. 3. Alert is visible to the supervisor immediately. 4. Affected inventory is temporarily blocked.	**TO-BE Process:** Inbound **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, % SKUs Oversold (ATP < 0)	Must Have	5 Story Points	Creates system alerts for inbound issues to replace manual notes and emails.
	US-IN-05: Review and Approve Inbound Exceptions	*As a Warehouse Supervisor, I want to review inbound exceptions and approve or reject adjustments so that inventory records remain accurate.*	1. Supervisor can view exception details. 2. Supervisor can approve or reject adjustments. 3. Decision is logged with timestamp and user. 4. Approved adjustments update inventory automatically.	**TO-BE Process:** Inbound **Owner:** Warehouse Operations Manager **KPI Impact:** Inventory Accuracy, Total ATP Qty	Must Have	8 Story Points	Centralizes exception resolution with auditability. Allows supervisors to quickly assess and approve inbound exceptions with full shipment context.
	US-IN-06: Notify Procurement for Supplier Follow-Up	*As a Warehouse Supervisor, I want the system to notify procurement when supplier issues are confirmed so that corrective action can be taken.*	1. Notification includes supplier, SKU, and issue type. 2. Procurement is notified automatically on approval. 3. Notification status is trackable. 4. No manual email is required.	**TO-BE Process:** Inbound **Owner:** Procurement Manager **KPI Impact:** On-Time Delivery %, Avg Lead Time (Days)	Should Have	3 Story Points	Ensures supplier-related issues are escalated promptly for resolution and accountability.
EPIC 3: Automated Inventory Updates on Receipt **Business Goal:** Ensure real-time inventory accuracy post-receipt.	**US-IN-07:** Auto-Update Quantity on Hand	*As a Warehouse Supervisor, I want the system to automatically update QOH after receipt approval so that inventory reflects actual stock.*	1. QOH updates immediately after approval. 2. Manual updates are not required. 3. Updates are logged for audit. 4. Failed updates raise system alerts.	**TO-BE Process:** Inbound **Owner:** Warehouse Operations Manager **KPI Impact:** Inventory Accuracy, Total Inventory Value	Must Have	5 Story Points	Updates on-hand inventory immediately after receipt to maintain stock accuracy.

	US-IN-08: Auto-Recalculate Available-to-Promise (ATP)	*As a Warehouse Supervisor, I want the system to recalculate ATP automatically so that overselling is prevented.*	1. ATP recalculates after QOH update. 2. ATP reflects available sellable stock. 3. Changes are visible to OMS. 4. No manual intervention required.	**TO-BE Process:** Inbound **Owner:** Warehouse Operations Manager **KPI Impact:** % SKUs Oversold (ATP < 0), Total ATP Qty	Must Have	5 Story Points	Keeps ATP accurate in real time to prevent overselling and order fulfillment issues.

PUTAWAY

EPIC	USER STORY TITLE	USER STORY	ACCEPTANCE CRITERIA	BUSINESS ALIGNMENT	PRIORITY	EFFORT ESTIMATION	DESCRIPTION
EPIC 4: System-Directed Putaway Task Generation **Business Goal:** Standardize putaway execution and reduce travel waste.	**US-PU-01:** Generate System-Directed Putaway Tasks	*As a Warehouse Associate, I want the system to generate putaway tasks with suggested locations so that storage is consistent and efficient.*	1. Tasks are generated after inbound completion. 2. Suggested locations follow slotting rules. 3. Tasks appear on associate device. 4. Manual location selection is restricted.	**TO-BE Process:** Putaway **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, Median Sellable Coverage (Days)	Must Have	8 Story Points	Guides associates to optimal storage locations to reduce travel time and inconsistent slotting.
EPIC 5: System-Validated Putaway Execution **Business Goal:** Prevent mis-slotting and improve inventory accuracy.	**US-PU-02:** Validate SKU and Target Location During Putaway	*As a Warehouse Associate, I want the system to validate SKU and location scans so that items are placed correctly.*	1. SKU barcode must be scanned. 2. Location barcode must be scanned. 3. System blocks mismatched placements. 4. Validation occurs in real time.	**TO-BE Process:** Putaway **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, % SKUs Oversold (ATP < 0)	Must Have	8 Story Points	Prevents incorrect placement by verifying SKU and location before putaway is completed.
	US-PU-03: Log Putaway Movement in Real Time	*As a Warehouse Supervisor, I want the system to automatically log putaway movements so that inventory location data is always current.*	1. Movement logs are created on successful validation. 2. Logs include SKU, location, user, timestamp. 3. No manual data entry is required. 4. Logs are audit-ready.	**TO-BE Process:** Putaway **Owner:** Warehouse Operations Manager **KPI Impact:** Inventory Accuracy, Days of Inventory	Must Have	5 Story Points	Improves traceability and downstream processes. Captures putaway activity immediately to ensure inventory reflects actual warehouse conditions.
EPIC 6: Exception Handling & Supervisor Review **Business Goal:** Reduce supervisor workload and resolve true exceptions faster.	**US-PU-04:** Generate Putaway Exception Alerts	*As a Warehouse Associate, I want the system to generate alerts when putaway validation fails so that errors are handled immediately.*	1. Alerts are generated for invalid scans. 2. Items are blocked from completion. 3. Alert includes root cause details. 4. Supervisor is notified automatically.	**TO-BE Process:** Putaway **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy	Must Have	5 Story Points	Identifies incorrect locations or rule violations before they cause downstream errors.

	US-PU-05: Review and Resolve Putaway Exceptions	*As a Warehouse Supervisor, I want to review and resolve putaway exceptions so that inventory accuracy is maintained without rework.*	1. Supervisor can approve or correct placement. 2. Decisions update inventory immediately. 3. Resolution is logged. 4. No batch reviews required.	**TO-BE Process:** Putaway **Owner:** Warehouse Operations Manager **KPI Impact:** Inventory Accuracy, Total ATP Qty	Must Have	8 Story Points	Allows supervisors to resolve only genuine putaway issues instead of reviewing all movements.
EPIC 7: Automated Inventory Updates After Putaway **Business Goal:** Ensure inventory accuracy immediately after storage	US-PU-06: Auto-Update Inventory After Putaway Completion	*As a Warehouse Associate, I want the system to automatically update QOH and ATP once putaway is completed so that inventory availability remains accurate without manual adjustments.*	1. Inventory updates occur automatically upon successful putaway confirmation 2. QOH and ATP reflect new storage location quantities 3. No manual data entry is required 4. Exceptions are logged if system update fails	**TO-BE Process:** Putaway **Owner:** Inventory Planner **KPI Impact:** Inventory Accuracy, % SKUs Oversold (ATP < 0), Order Fulfillment Reliability → Proxy via On-Time Delivery %	Must Have	5 Story Points	Ensures inventory accuracy immediately after putaway to prevent downstream fulfillment errors.

CYCLE COUNTING & INVENTORY ADJUSTMENTS

EPIC	USER STORY TITLE	USER STORY	ACCEPTANCE CRITERIA	BUSINESS ALIGNMENT	PRIORITY	EFFORT ESTIMATION	DESCRIPTION
EPIC 8: System-Directed Cycle Counting **Business Goal:** Increase inventory accuracy with minimal operational disruption.	**US-CC-01:** Auto-Generate Risk-Based Cycle Count Tasks	*As a Warehouse Supervisor, I want the system to automatically generate cycle count tasks based on risk and variance patterns so that high-risk inventory is counted more frequently without manual planning.*	1. System generates cycle count jobs based on configurable rules (ABC class, XYZ volatility, expiry risk). 2. Perishables use tighter count frequency than ambient categories. 3. Jobs can be scheduled or triggered dynamically based on variance trends. 4. Manual cycle count initiation remains available as a fallback.	**TO-BE Process:** Cycle Counting **Owner:** Warehouse Operations Manager **KPI Impact:** Inventory Accuracy %, Shrink %	Must Have	8 Story Points	Automatically prioritizes high-risk SKUs and locations for cycle counting to improve inventory accuracy with minimal operational disruption.
	US-CC-02: Push Cycle Count Tasks to Associate Device	*As a Warehouse Associate, I want cycle count tasks to be pushed directly to my handheld device so that I can perform counts without paper lists or supervisor intervention.*	1. Assigned tasks appear on the associate's device with location and SKU details. 2. Tasks are prioritized based on system-defined urgency. 3. Associate can start, pause, and complete tasks digitally. 4. Completed tasks are timestamped and linked to the user.	**TO-BE Process:** Cycle Counting **Owner:** Warehouse Operations Manager **KPI Impact:** Inventory Accuracy	Must Have	5 Story Points	Delivers system-generated cycle count tasks directly to associates, eliminating manual planning and coordination.
EPIC 9: Real-Time Cycle Count Validation & Adjustment **Business Goal:** Reduce reconciliation delays and manual corrections	**US-CC-03:** Validate Submitted Count in Real-Time	*As a Warehouse Associate, I want the system to validate my submitted counts in real time so that errors are detected immediately instead of after batch sync.*	1. System validates submitted quantity against expected QOH instantly. 2. Zero counts require confirmation to prevent accidental omissions. 3. SKU–location mismatch is flagged immediately. 4. Associate receives instant confirmation or error feedback.	**TO-BE Process:** Cycle Counting **Owner:** Warehouse Inventory Planner **KPI Impact:** Inventory Accuracy, % SKUs Oversold (ATP < 0)	Must Have	8 Story Points	Validates cycle count results instantly to detect errors early and reduce recounts and delays.

	US-CC-04: Auto-Apply Inventory Adjustments Within Tolerance	*As a Warehouse Supervisor, I want the system to automatically apply inventory adjustments when variances fall within approved tolerance limits so that minor discrepancies do not require manual review.*	1. Tolerance thresholds are configurable by category. 2. Variances below tolerance auto-update QOH and ATP. 3. Auto-adjustments are logged with audit trail. 4. No supervisor approval is required for in-tolerance updates.	**TO-BE Process:** Cycle Counting **Owner:** Inventory Planner **KPI Impact:** Inventory Accuracy	Must Have	5 Story Points	Automatically resolves minor variances within defined thresholds to maintain inventory accuracy without manual intervention.
	US-CC-05: Generate Cycle Count Exception Case	*As a Warehouse Supervisor, I want the system to generate an exception only when variance exceeds tolerance so that I focus on true issues instead of routine noise.*	1. Exceptions are created only when variance exceeds configured thresholds. 2. Exception includes before/after quantities and SKU history. 3. Supervisor is notified digitally. 4. Exception is linked to the original cycle count task.	**TO-BE Process:** Cycle Counting **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy	Must Have	5 Story Points	Flags only material discrepancies for supervisor review, reducing noise and unnecessary manual checks.
	US-CC-06: Review & Approve Cycle Count Adjustments	*As a Warehouse Supervisor, I want to review flagged cycle count exceptions and approve or reject adjustments so that inventory accuracy is maintained with accountability.*	1. Supervisor can approve or reject the proposed adjustment. 2. Rejected counts trigger a recount task back to the associate. 3. Approved adjustments update QOH and ATP immediately. 4. Decision is recorded with user, timestamp, and reason.	**TO-BE Process:** Cycle Counting **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy %, Total Inventory Value	Must Have	8 Story Points	Enables supervisors to review, approve, or correct significant discrepancies with full context and audit visibility.
	US-CC-07: Update Inventory & Notify Stakeholders	*As a Warehouse Associate, I want inventory updates to reflect immediately after cycle count resolution so that picking, replenishment, and ordering decisions use accurate data.*	1. Approved adjustments update QOH and ATP in real time. 2. Downstream systems (replenishment, picking) receive updates. 3. Changes are visible immediately in operational dashboards. 4. Historical variance trends are retained for analysis.	**TO-BE Process:** Cycle Counting **Owner:** Inventory Planner **KPI Impact:** Total ATP Qty, % SKUs Below ROP	Must Have	5 Story Points	Ensures approved cycle count outcomes immediately update inventory and inform downstream warehouse processes.

REPLENISHMENT

EPIC	USER STORY TITLE	USER STORY	ACCEPTANCE CRITERIA	BUSINESS ALIGNMENT	PRIORITY	EFFORT ESTIMATION	DESCRIPTION
EPIC 10: Replenishment Triggering & Backstock Visibility **Business Goal:** Prevent pick-face stockouts and picking delays	**US-RP-01:** Auto-Detect Replenishment Need	*As a Warehouse Supervisor, I want the system to automatically detect when pick-face inventory falls below defined thresholds so that replenishment can occur before pickers experience shortages.*	1. System monitors pick-face inventory continuously 2. Thresholds are configurable by SKU category 3. Manual triggers are not required for standard replenishment.	**TO-BE Process:** Replenishment **Owner:** Warehouse Operations Manager **KPI Impact:** % SKUs Below ROP, % SKUs Below Safety Stock	Must Have	5 Story Points	Detects replenishment needs early to avoid picker delays.
	US-RP-02: Generate & Assign System-Directed Replenishment Tasks	*As a Warehouse Associate, I want the system to generate replenishment tasks with clear source and target locations and assign them to my device so that I can replenish pick faces efficiently without manual coordination.*	1. Tasks include backstock source and pick-face target locations 2. Tasks are automatically assigned to associate devices 3. Tasks are prioritized by urgency and demand.	**TO-BE Process:** Replenishment **Owner:** Warehouse Operations Manager **KPI Impact:** Days of Cover, Median Sellable Coverage (Days)	Must Have	8 Story Points	Creates and assigns replenishment tasks automatically.
	US-RP-03: Validate Replenishment Movement in Real Time	*As a Warehouse Associate, I want the system to validate SKU and location scans during replenishment so that incorrect placements are prevented.*	1. System validates SKU-location match during replenishment 2. Incorrect scans are blocked immediately 3. Associate receives real-time feedback.	**TO-BE Process:** Replenishment **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy	Must Have	8 Story Points	Prevents mis-slotting during replenishment.
EPIC 11: Replenishment Exception & Approval Workflow **Business Goal:** Reduce picker interruptions and supervisor firefighting	**US-RP-04:** Generate Replenishment Exception Case	*As a Warehouse Associate, I want the system to generate an exception when replenishment validation fails so that issues are escalated consistently.*	1. Exceptions are generated for mismatches or quantity issues 2. Exception records include SKU, location, and variance details 3. Exceptions are logged automatically.	**TO-BE Process:** Replenishment **Owner:** Warehouse Supervisor **KPI Impact:** % SKUs Below ROP	Should Have	5 Story Points	Standardizes escalation of replenishment issues.

	US-RP-05: Review & Approve Replenishment Exceptions	*As a Warehouse Supervisor, I want to review replenishment exceptions with full context so that I can approve or reject adjustments efficiently.*	1. Supervisor sees only valid exceptions 2. Exception context includes before/after inventory data 3. Supervisor can approve or reject actions.	**TO-BE Process:** Replenishment **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy	Should Have	5 Story Points	Reduces supervisor effort by focusing on true exceptions.
EPIC 12: Automated Inventory Updates After Replenishment **Business Goal:** Maintain real-time inventory accuracy	US-RP-06: Auto-Update QOH & ATP After Replenishment	*As a Warehouse Supervisor, I want inventory quantities and ATP to update automatically after replenishment so that picking and planning decisions use accurate data.*	1. QOH updates immediately after validated replenishment 2. ATP recalculates automatically 3.No manual updates are required.	**TO-BE Process:** Replenishment **Owner:** Inventory Planner **KPI Impact:** Inventory Accuracy, Total ATP Qty	Must Have	5 Story Points	Keeps inventory accurate after replenishment.
	US-RP-07: Trigger Downstream Notifications After Replenishment	*As a Warehouse Supervisor, I want downstream processes to be notified after replenishment so that picking resumes without delay.*	1. Picking system receives updated availability instantly 2. Replenishment completion triggers notifications automatically 3. No manual communication is required.	**TO-BE Process:** Replenishment **Owner:** Warehouse Operations Manager **KPI Impact:** On-Time Delivery %, Order Fulfillment Lead Time (proxy via Avg Lead Time)	Could Have	3 Story Points	Ensures smooth handoff from replenishment to picking.

ORDER PICKING & PACKING

EPIC	USER STORY TITLE	USER STORY	ACCEPTANCE CRITERIA	BUSINESS ALIGNMENT	PRIORITY	EFFORT ESTIMATION	DESCRIPTION
EPIC 13: System-Directed Order Picking **Business Goal:** Reduce pick time and picking errors	**US-OP-01:** Auto-Generate Pick Tasks on Order Release	*As a Warehouse Associate, I want the system to generate pick tasks automatically when orders are released so that I can begin picking without manual preparation.*	1. Pick tasks are created when OMS releases the order 2. Tasks include SKU, quantity, and location 3. Tasks are prioritized by order urgency.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Operations Manager **KPI Impact:** Order Avg Lead Time (Days), Total Orders	Must Have	5 Story Points	Automatically creates pick work when orders drop.
	US-OP-02: Push Pick Tasks to Associate Device	*As a Warehouse Associate, I want pick tasks delivered directly to my handheld device so that I don't need printed pick lists.*	1. Tasks appear on associate device in real time 2. Tasks update automatically if reprioritized 3. No paper pick lists are required.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Operations Manager **KPI Impact:** Avg Lead Time (Days)	Must Have	3 Story Points	Eliminates manual distribution of pick lists.
EPIC 14: Scan-Validated Picking Execution **Business Goal:** Prevent mis-picks and shortages	**US-OP-03:** Validate Location Scan Before Picking	*As a Warehouse Associate, I want the system to validate the pick location before I pick an item so that I don't pick from the wrong slot.*	1. Location barcode scan is mandatory 2. Incorrect location scans are blocked 3. System provides immediate feedback.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy, % SKUs Oversold (ATP < 0)	Must Have	5 Story Points	Prevents picking from incorrect locations.

	US-OP-04: Validate Item Scan & Quantity Entry	*As a Warehouse Associate, I want the system to validate SKU scans and entered quantities so that only correct items and quantities are picked.*	1. SKU scan is required before quantity entry 2. Quantity mismatches trigger an alert 3. System blocks incorrect picks.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Supervisor **KPI Impact:** Inventory Accuracy	Must Have	8 Story Points	Ensures accurate item and quantity picking.
EPIC 15: Shortage Detection & Replenishment Triggering **Business Goal:** Reduce mid-pick disruptions	US-OP-05: Detect Pick-Time Shortages	*As a Warehouse Associate, I want to log shortages during picking so that replenishment can be triggered immediately.*	1. Associate can flag shortage during pick 2. Shortage is recorded against SKU and location 3. Picking can continue for remaining items.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Supervisor **KPI Impact:** % SKUs Below ROP	Must Have	5 Story Points	Flags shortages during picking in real time.
	US-OP-06: Auto-Trigger Replenishment from Shortage	*As a Warehouse Supervisor, I want the system to trigger replenishment automatically when a shortage is logged so that picking delays are minimized.*	1. Shortage triggers replenishment task 2. No manual supervisor intervention required 3. Replenishment follows defined rules.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Operations Manager **KPI Impact:** Days of Cover, Median Sellable Coverage (Days)	Should Have	5 Story Points	Converts shortages into replenishment tasks automatically.
EPIC 16: Automated Inventory Deduction After Picking **Business Goal:** Maintain real-time inventory accuracy	US-OP-07: Auto-Deduct QOH & ATP After Pick Confirmation	*As a Warehouse Supervisor, I want inventory quantities and ATP to update automatically after picks are confirmed so that availability remains accurate.*	1. QOH updates immediately after pick 2. ATP recalculates automatically 3. No batch or delayed updates.	**TO-BE Process:** Order Picking & Packing **Owner:** Inventory Planner **KPI Impact:** Inventory Accuracy, Total ATP Qty	Must Have	5 Story Points	Keeps inventory accurate after picking.

EPIC 17: Packing Validation & Order Completion **Business Goal:** Reduce packing errors	**US-OP-08:** Perform Packing Visual QC	*As a Warehouse Associate, I want to perform a final visual check before packing so that incorrect items are caught before shipment.*	1. QC step is mandatory before packing 2. Associate can flag discrepancies 3. Issues prevent order completion.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Supervisor **KPI Impact:** On-Time Delivery %	Should Have	3 Story Points	Catches errors before shipment.
	US-OP-09: Pack, Label, and Complete Order	*As a Warehouse Associate, I want to pack and label orders once QC is complete so that orders are ready for shipment.*	1. Packing completes the order lifecycle 2. Order status updates to "Ready for Shipment" 3. No further picking allowed.	**TO-BE Process:** Order Picking & Packing **Owner:** Warehouse Operations Manager **KPI Impact:** On-Time Delivery %, Total Orders	Must Have	3 Story Points	Finalizes order for Shipping handoff.

Requirements Traceability Matrix (RTM)

Business Requirement	Description	Functional Requirement	Mapped User Stories	KPI
BR-01: Improve Inventory Accuracy Across Warehouses	Maintain accurate, near-real-time inventory visibility across all FCs.	FR-03 Automated Inventory Update Post-Receiving	US-IN-07 US-IN-08	Inventory Accuracy, % SKUs Oversold, Total ATP Qty
		FR-05 Putaway Confirmation & Validation	US-PU-02	Inventory Accuracy
		FR-06 Automated Inventory Synchronization	US-PU-06	Inventory Accuracy, % SKUs Oversold
		FR-10 Real-Time Count Validation	US-CC-03	Inventory Accuracy
		FR-11 Variance Resolution Workflow	US-CC-04 US-CC-06	Inventory Accuracy, Total Inventory Value
		FR-13 Single Inventory Deduction Enforcement	US-OP-07	Inventory Accuracy, Total ATP Qty
BR-02: Reduce Inventory Imbalances Across SKUs	Prevent uneven SKU distribution and hidden stockouts.	FR-04 System-Directed Putaway	US-PU-01	Median Sellable Coverage (Days)
		FR-07 Reorder Point Monitoring	US-RP-01	% SKUs Below ROP, % SKUs Below Safety Stock
		FR-09 System-Directed Cycle Counting	US-CC-01	Inventory Accuracy, Shrink %
		FR-12 Pick-Time Inventory Validation	US-OP-03	Inventory Accuracy, % SKUs Oversold

BR-03: Enable Proactive, Rules-Based Replenishment	Trigger replenishment based on thresholds and demand patterns.	FR-07 Reorder Point Monitoring	US-RP-01	% SKUs Below ROP
		FR-08 Exception-Based Supervisor Intervention	US-RP-04	% SKUs Below ROP
		FR-12 Pick-Time Inventory Validation	US-OP-03	% SKUs Below ROP
		FR-06 Automated Inventory Synchronization	US-RP-06	Total ATP Qty
BR-04: Minimize Supervisor Dependency for Routine Operations	Reduce supervisor involvement in non-exception flows.	FR-08 Exception-Based Supervisor Intervention	US-IN-05 US-PU-05 US-RP-05 US-CC-06	Inventory Accuracy
		FR-11 Variance Resolution Workflow	US-CC-06	Inventory Accuracy
BR-05: Improve Inbound Receiving Accuracy	Validate inbound shipments efficiently and accurately.	FR-01 ASN Validation Capability	US-IN-01 US-IN-02	Inventory Accuracy, % SKUs Oversold
		FR-02 Receiving Exception Management	US-IN-04 US-IN-05	Inventory Accuracy
BR-06: Reduce Manual Data Entry During Receiving	Minimize manual inventory updates.	FR-03 Automated Inventory Update Post-Receiving	US-IN-07	Inventory Accuracy
		FR-01 ASN Validation Capability	US-IN-01	Inventory Accuracy
BR-07: Standardize Cycle Counting Across Warehouses	Apply consistent cycle count rules.	FR-09 System-Directed Cycle Counting	US-CC-01 US-CC-02	Inventory Accuracy
		FR-10 Real-Time Count Validation	US-CC-03	Inventory Accuracy

BR-08: Focus Human Review on High-Risk Variances	Limit supervisor review to material discrepancies.	FR-11 Variance Resolution Workflow	US-CC-05 US-CC-06	Inventory Accuracy
		FR-08 Exception-Based Supervisor Intervention	US-RP-05	Inventory Accuracy
BR-09: Prevent Order Shortages During Picking	Reduce pick-time shortages due to inaccurate inventory.	FR-12 Pick-Time Inventory Validation	US-OP-03 US-OP-05	% SKUs Oversold, % SKUs Below ROP
		FR-06 Automated Inventory Synchronization	US-OP-07	Total ATP Qty
BR-10: Maintain Seamless Flow from Picking to Packing	Ensure clean handoff without redundant scans.	FR-13 Single Inventory Deduction Enforcement	US-OP-07	Inventory Accuracy
		FR-12 Pick-Time Inventory Validation	US-OP-01 US-OP-02	Avg Lead Time (Days), Total Orders
BR-11: Improve Supplier Delivery Reliability Visibility	Monitor supplier delivery performance consistently.	FR-14 Supplier Delivery Performance Tracking	US-IN-06	On-Time Delivery %, Avg Lead Time (Days)
		FR-15 Supplier Dependency Visibility	US-IN-06	Supplier Qty Share %
BR-12: Establish a Single Version of Inventory Truth	Ensure consistent KPIs and data definitions.	FR-16 Standardized KPI Calculation	All automation stories	All Inventory KPIs
		FR-03 / FR-06 / FR-13	US-IN-08, US-PU-06, US-OP-07	Inventory Accuracy, Total ATP Qty