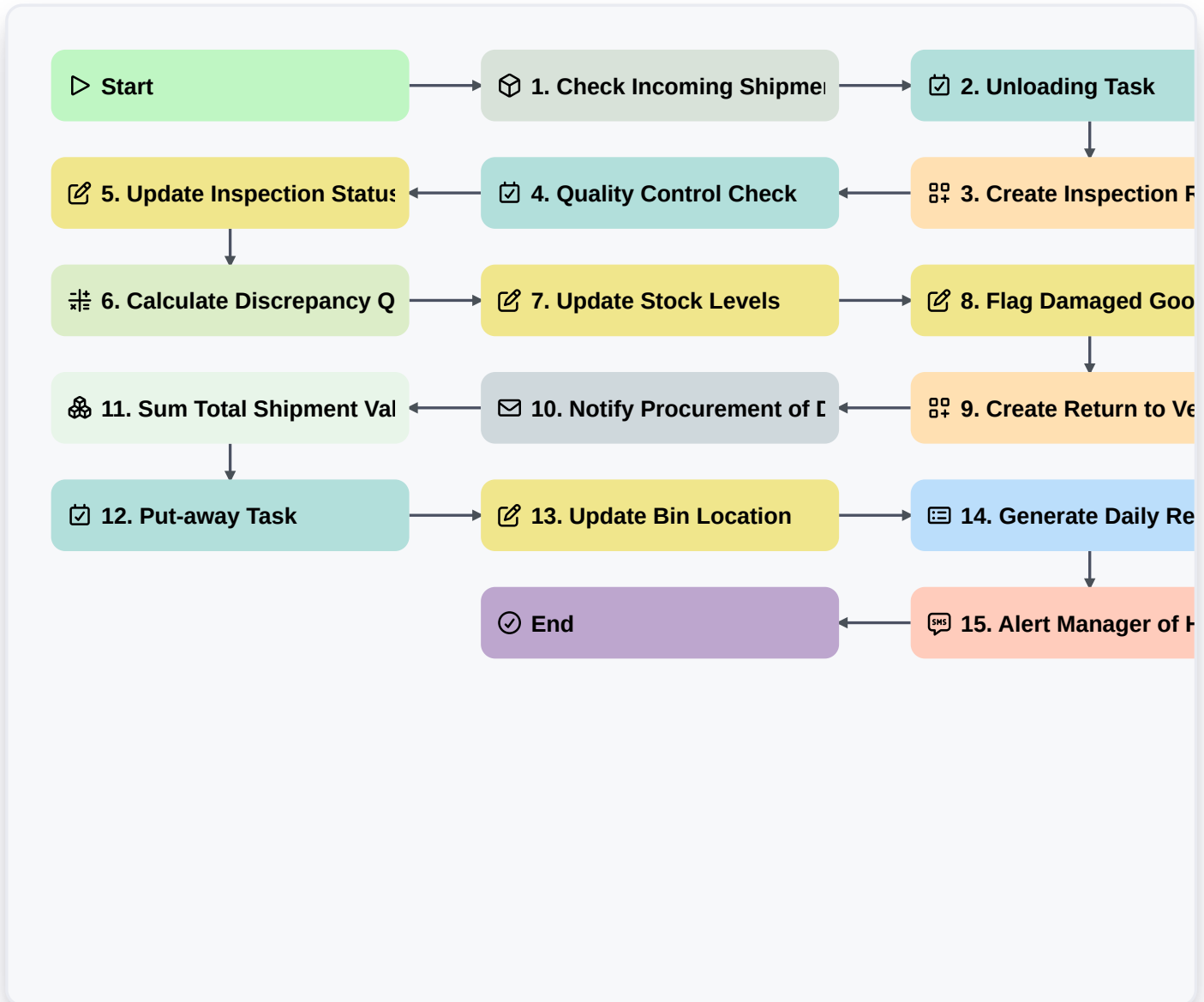


Retail Warehouse Management Process



▷ Start

Start of the Workflow/Process.

📦 1. Check Incoming Shipment Manifest

Retrieve the expected shipment details from the Shipment Data Model to verify against physical arrival.

📋 2. Unloading Task

Assign a task to the Warehouse Operator to physically unload items from the delivery vehicle.

📄 3. Create Inspection Record

Create a new entry in the Inspection Data Model for the arrived shipment.

📋 4. Quality Control Check

Assign a task to the QC Specialist to inspect items for damages or discrepancies.

📋 5. Update Inspection Status

Update the inspection entry with 'Passed' or 'Failed' status based on the QC result.

📊 6. Calculate Discrepancy Quantity

Calculate the difference between the Manifest Quantity and the Physically Counted Quantity.



7. Update Stock Levels

Update the Inventory Data Model to increase the quantity of items in the 'Available' state.

8. Flag Damaged Goods

Update the status of specific items to 'Damaged' if the QC check fails.

9. Create Return to Vendor (RTV) Request

Create a new entry in the Returns Data Model for any items that failed inspection.

10. Notify Procurement of Discrepancy

Send an email to the Procurement Manager regarding missing or damaged items in the shipment.

11. Sum Total Shipment Value

Aggregate the total monetary value of all items successfully processed in the current shipment.

12. Put-away Task

Assign a task to the Floor Staff to move items from the receiving dock to their designated warehouse bins.

13. Update Bin Location

Update the Inventory Data Model to reflect the new specific bin/shelf location for the items.

14. Generate Daily Receiving Report

Create a summary report of all shipments received, inspected, and processed during the shift.

15. Alert Manager of High-Value Arrival

Send an SMS to the Warehouse Manager when a shipment exceeding a certain value threshold is processed.

End

End of the Workflow/Process.