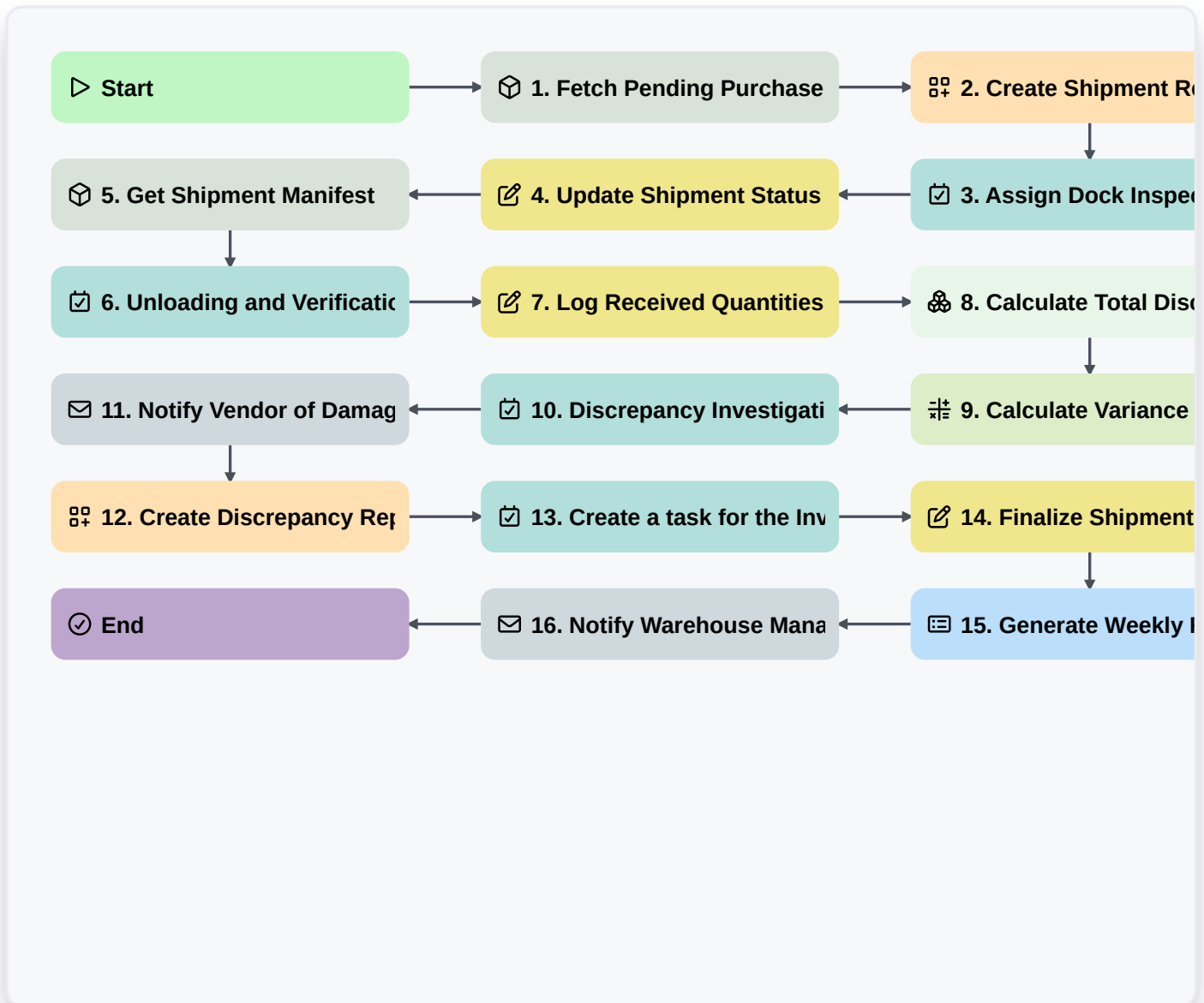


Inbound Shipment Processing



Start

Start of the Workflow/Process.

1. Fetch Pending Purchase Orders

Retrieve all Purchase Order entries with a status of 'Confirmed' but no associated 'Shipment' record.

2. Create Shipment Record

Create a new entry in the 'Shipments' data model linked to the identified Purchase Orders.

3. Assign Dock Inspection Task

Create a task for the Warehouse Supervisor to physically inspect the incoming goods.

4. Update Shipment Status to 'In Transit'

Update the Shipment entry status to reflect that the carrier has picked up the goods.

5. Get Shipment Manifest

Retrieve the manifest details and expected item quantities from the Shipment record.

6. Unloading and Verification Task

Create a task for the Receiving Clerk to unload items and verify contents against the manifest.



7. Log Received Quantities

Update the Shipment entry with the actual quantities received and note any discrepancies.

8. Calculate Total Discrepancy Value

Sum the total monetary value of all items marked as 'Damaged' or 'Missing' in the current shipment.

9. Calculate Variance Percentage

Calculate the percentage difference between 'Expected Quantity' and 'Received Quantity'.

10. Discrepancy Investigation Task

If discrepancies exist, create a task for the Procurement Manager to contact the vendor.

11. Notify Vendor of Damage

Send an email to the Vendor's contact email with photos and details of damaged goods.

12. Create Discrepancy Report Entry

Create an entry in the 'Claims/Discrepancy' data model to track the investigation process.



13. Create a task for the Inventory Controller to increment stock levels in the system.

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14. Finalize Shipment Status

Update the Shipment entry status to 'Completed' or 'Closed'.

15. Generate Weekly Receiving Summary

Generate a report summarizing all completed shipments, total items received, and total value of discrepancies for the week.

16. Notify Warehouse Manager of Completion

Send an email to the Warehouse Manager confirming that all inbound shipments for the day have been processed.

End

End of the Workflow/Process.