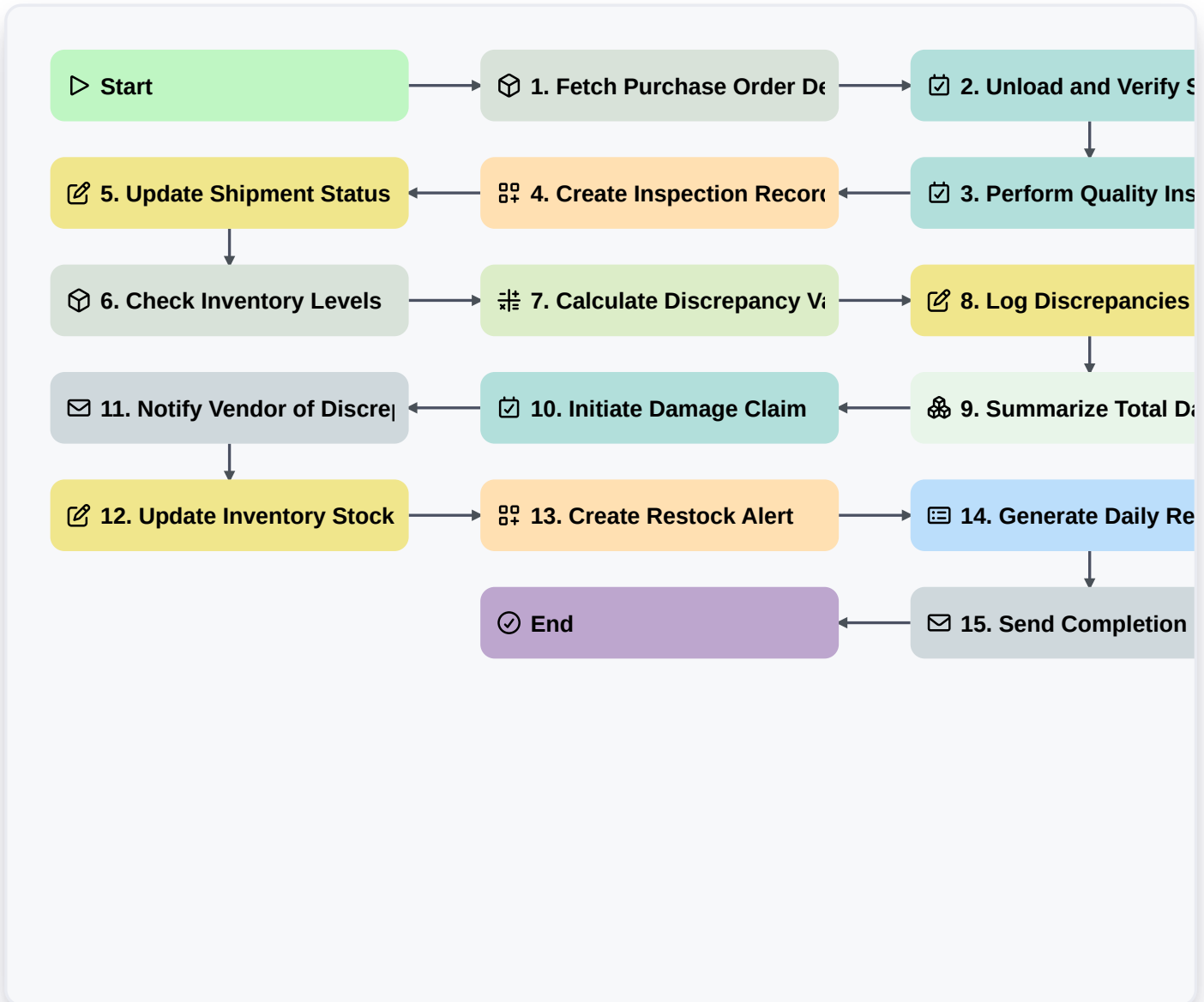


# Shipment Receiving And Inspection Workflow



## ▷ Start

Start of the Workflow/Process.

## 📦 1. Fetch Purchase Order Details

Retrieve expected items, quantities, and vendor info from the Purchase Order data model.

## ✅ 2. Unload and Verify Shipment

Assign task to Warehouse Clerk to physically unload the truck and check seal integrity.

## ✅ 3. Perform Quality Inspection

Assign task to Quality Control Specialist to inspect items for damages or discrepancies.

## 📝 4. Create Inspection Record

Generate a new entry in the Inspection Logs data model for the current shipment.

## 📝 5. Update Shipment Status

Update the status of the original Shipment entry to 'Received' or 'Under Inspection'.

## 📦 6. Check Inventory Levels

Retrieve current stock levels from the Inventory data model to compare against received quantities.



## 7. Calculate Discrepancy Variance

Calculate the difference between 'Ordered Quantity' and 'Received Quantity'.

## 8. Log Discrepancies

Update the Inspection Record entry with the calculated variance and damage notes.

## 9. Summarize Total Damaged Units

Aggregate all 'Damaged Quantity' entries from the current inspection batch to calculate total loss.

## 10. Initiate Damage Claim

If damages are found, create a task for the Procurement Manager to contact the vendor.

## 11. Notify Vendor of Discrepancy

Send an automated email to the Vendor's contact email with the inspection report attached.

## 12. Update Inventory Stock

Increment the 'Available Quantity' in the Inventory data model by the 'Accepted Quantity'.

## 13. Create Restock Alert

Create an entry in the Reorder Queue if the updated inventory falls below the safety threshold.

## 14. Generate Daily Receiving Report

Generate a summary report of all shipments processed during the current shift.

## 15. Send Completion Summary

Send a final email to the Warehouse Manager confirming the successful completion of the receiving process.

## End

End of the Workflow/Process.