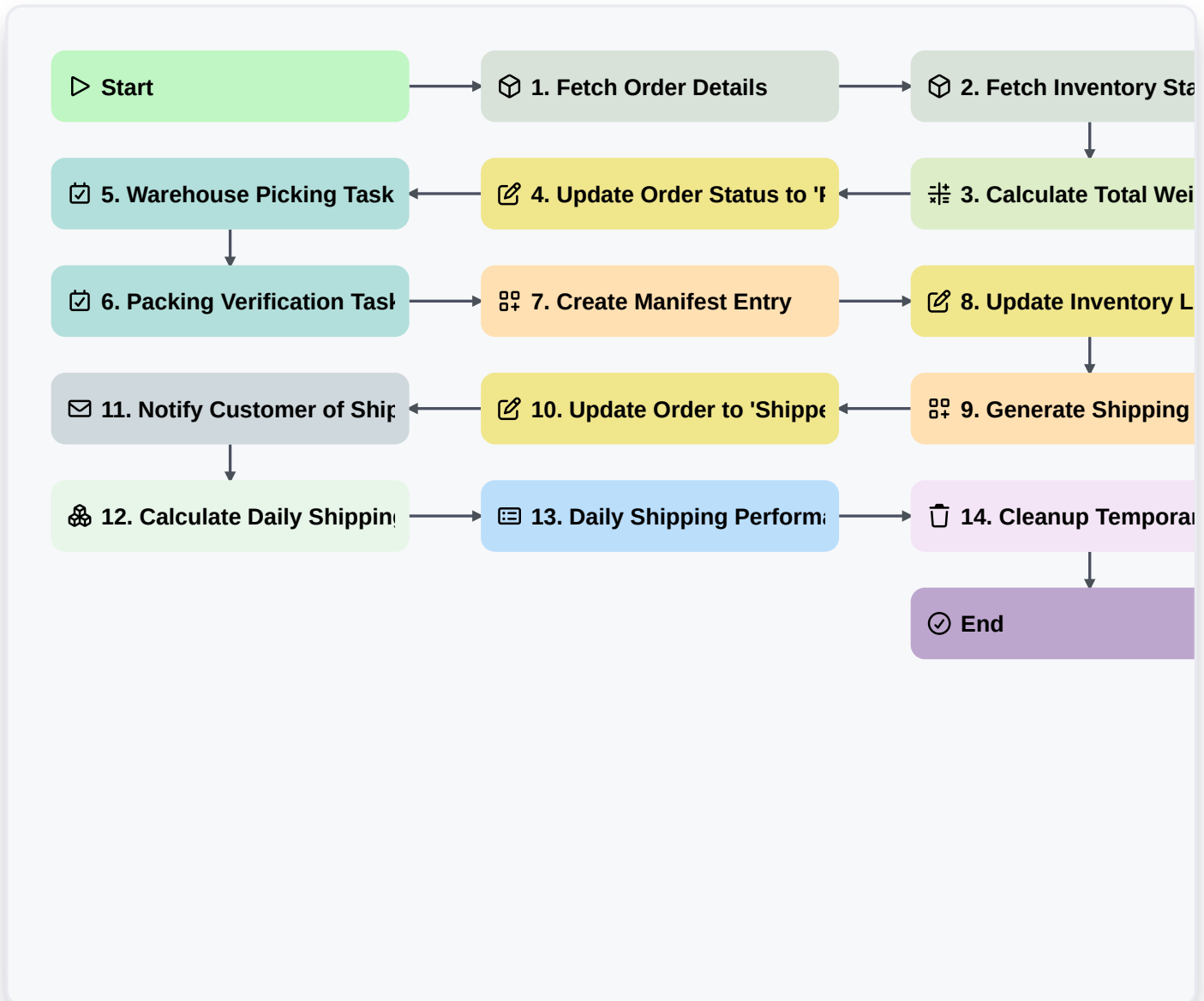


Manifesting And Shipping Documentation Workflow



▶ Start

Start of the Workflow/Process.

📦 1. Fetch Order Details

Retrieve the original sales order and customer information from the Orders data model.

📦 2. Fetch Inventory Status

Check the stock availability in the Warehouse data model for the items in the order.

⚖️ 3. Calculate Total Weight

Sum the weights of all items in the order to determine shipping method requirements.

✍️ 4. Update Order Status to 'Packing in Progress'

Change the status of the retrieved order entry to 'Packing in Progress'.

📝 5. Warehouse Picking Task

Create a task for the Warehouse Operator to pick items from the shelves.



6. Packing Verification Task

Create a task for the Quality Control agent to verify contents against the packing slip.

7. Create Manifest Entry

Generate a new entry in the Shipping Manifest data model containing the package details.

8. Update Inventory Levels

Decrease the quantity of items in the Inventory data model based on the shipped amount.

9. Generate Shipping Label

Create a data entry that holds the tracking number and carrier-specific metadata.

10. Update Order to 'Shipped'

Update the original order entry status to 'Shipped' and attach the tracking number.

11. Notify Customer of Shipment

Send an automated email to the customer with their tracking number and shipping details.

12. Calculate Daily Shipping Volume

Aggregate all entries in the Manifest data model created today to calculate total units shipped.

13. Daily Shipping Performance Report

Generate a report summarizing processed orders, weight, and fulfillment time for the day.

14. Cleanup Temporary Packing Slips

Delete temporary/draft shipping documents from the system once the final manifest is finalized.

End

End of the Workflow/Process.