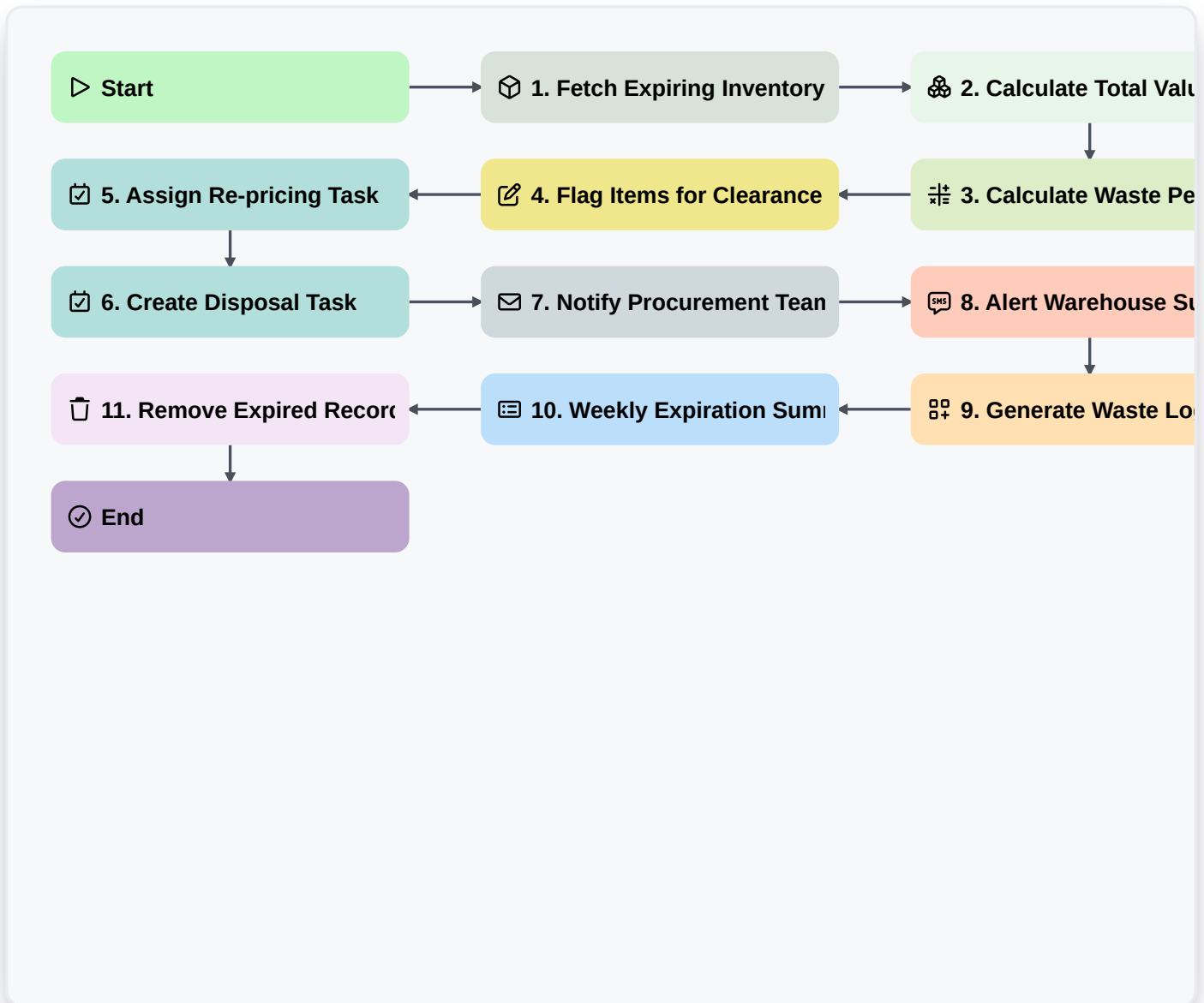


Perishable Goods Expiration Tracking Process



▷ Start

Start of the Workflow/Process.

📦 1. Fetch Expiring Inventory

Retrieve all entries from the 'Inventory' data model where the expiration date is within the next 7 days.

🔗 2. Calculate Total Value at Risk

Sum the 'Unit Cost' of all retrieved expiring entries to determine the total financial impact of potential waste.

📊 3. Calculate Waste Percentage

Calculate the ratio of expiring goods value against the total warehouse inventory value.

✍️ 4. Flag Items for Clearance

Update the 'Status' field in the Inventory data model to 'Clearance Required' for the identified expiring entries.

📅 5. Assign Re-pricing Task

Create a task for the Floor Manager to physically inspect the items and apply discount stickers.

📅 6. Create Disposal Task

Create a task for the Warehouse Staff to remove and dispose of items that have already passed their expiration date.



7. Notify Procurement Team

Send an email to the procurement department regarding the need to replenish stock for items marked as 'Clearance Required'.

8. Alert Warehouse Supervisor

Send an SMS alert to the supervisor if the 'Total Value at Risk' exceeds a predefined threshold.

9. Generate Waste Log Entry

Create a new entry in the 'Waste Logs' data model to document the items that were officially disposed of.

10. Weekly Expiration Summary Report

Generate a summary report containing all aggregated data regarding expired goods and total loss for the weekly management review.

11. Remove Expired Records from Active Stock

Delete or archive the entries from the 'Active Inventory' data model once they have been moved to the 'Waste Log'.

End

End of the Workflow/Process.