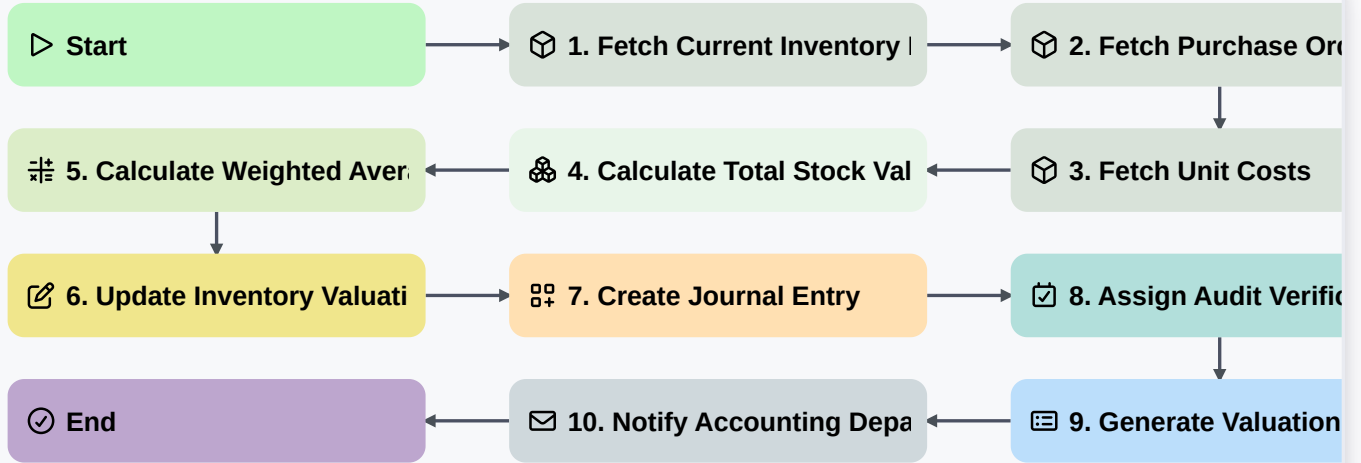


Inventory Valuation And Accounting Process



Start

Start of the Workflow/Process.

1. Fetch Current Inventory Levels

Retrieve all active entries from the Inventory Data Model to identify stock availability.

2. Fetch Purchase Orders

Retrieve all pending and completed purchase orders from the Procurement Data Model.

3. Fetch Unit Costs

Retrieve the latest unit price records for each SKU from the Costing Data Model.

4. Calculate Total Stock Value

Sum the product of (Quantity * Unit Cost) for all retrieved inventory entries.

5. Calculate Weighted Average Cost (WAC)

Perform the calculation of total cost divided by total units available for periodic valuation.

6. Update Inventory Valuation Record

Update the 'Current Valuation' field in the Monthly Valuation Data Model with the new calculated totals.

7. Create Journal Entry

Create a new entry in the Accounting Ledger Data Model to reflect the change in inventory value.

8. Assign Audit Verification

Create a task for the Finance Manager to verify the accuracy of the calculated valuation.

9. Generate Valuation Report

Create a detailed PDF report summarizing inventory value, discrepancies, and cost movements.

10. Notify Accounting Department

Send an email to the accounting team with the summary of the completed valuation process.

End

End of the Workflow/Process.