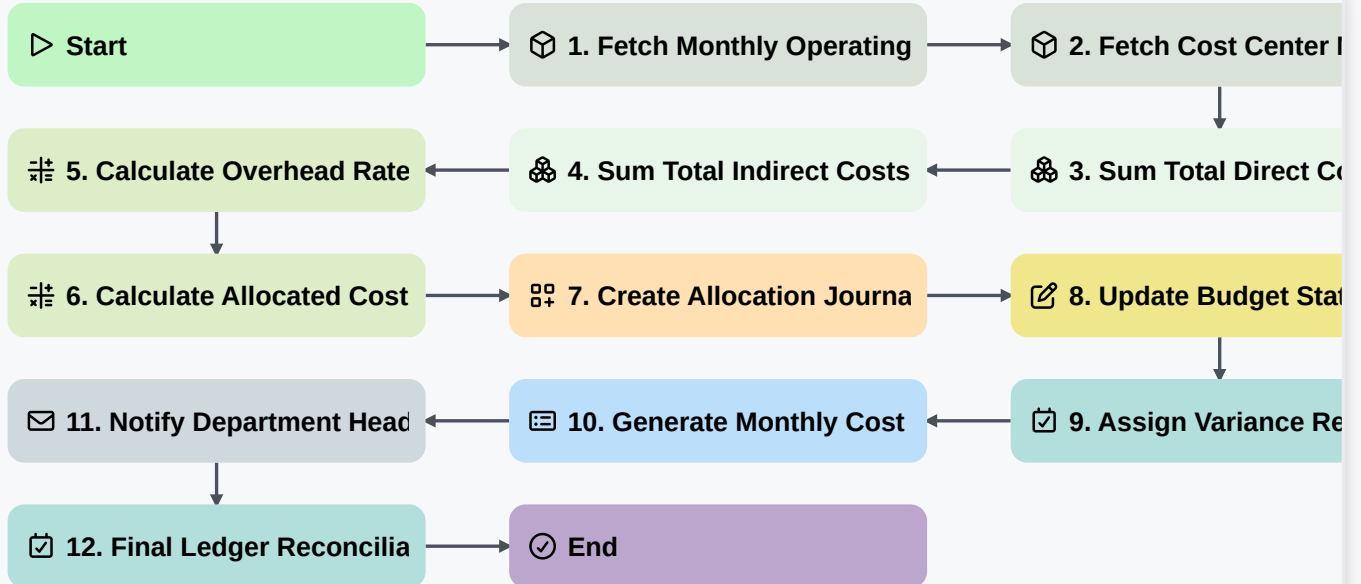


Cost Accounting And Allocation Workflow



Start

Start of the Workflow/Process.

1. Fetch Monthly Operating Expenses

Retrieve all expense entries from the Expense Data Model for the current period.

2. Fetch Cost Center Metadata

Retrieve departmental cost center details and allocation keys from the Cost Center Data Model.

3. Sum Total Direct Costs

Calculate the sum of all direct material and labor costs from the retrieved expense entries.

4. Sum Total Indirect Costs

Calculate the sum of all overhead and indirect utility entries.

5. Calculate Overhead Rate

Divide Total Indirect Costs by Total Direct Costs to determine the overhead multiplier.

6. Calculate Allocated Cost per Department

Apply the overhead rate to each department's specific direct cost base.

7. Create Allocation Journal Entry

Create a new entry in the Allocation Ledger containing the calculated results.

8. Update Budget Status

Update the 'Actual vs Budget' field in the Monthly Budget Data Model with the new allocated totals.

9. Assign Variance Review

Create a task for the Finance Manager to review any cost variances exceeding 5%.

10. Generate Monthly Cost Allocation Report

Generate a comprehensive PDF report summarizing total costs, allocations, and departmental impacts.

11. Notify Department Heads

Send an email to all cost center owners with their updated monthly cost allocations.

12. Final Ledger Reconciliation

Create a task for the Senior Accountant to perform the final month-end reconciliation.

End

End of the Workflow/Process.