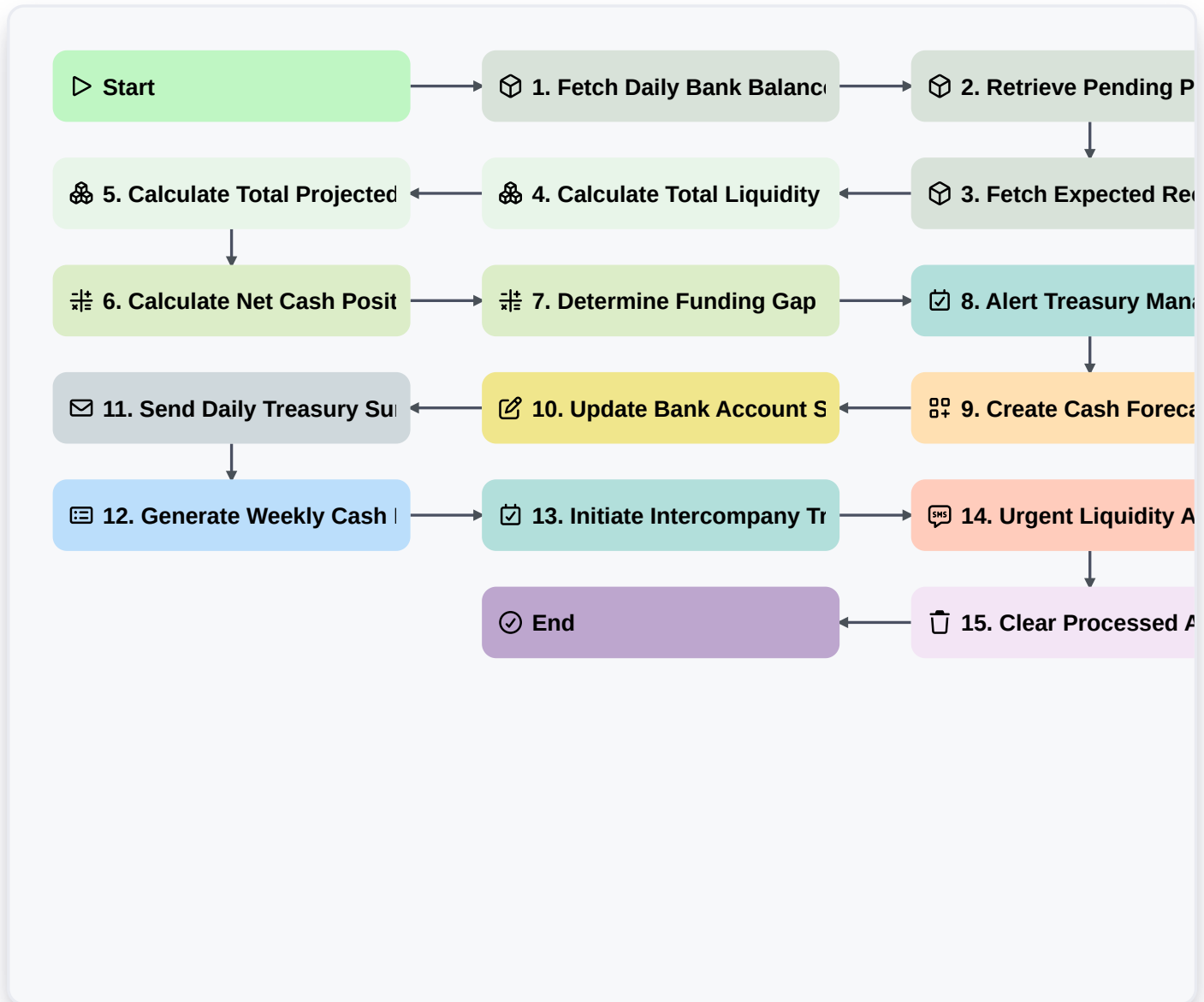


Treasury Management And Cash Optimization Workflow



▶ Start

Start of the Workflow/Process.

1. Fetch Daily Bank Balances

Retrieve all current balance entries from the Bank Accounts data model.

2. Retrieve Pending Payments

Fetch all upcoming scheduled payments and liabilities from the Cash Outflow data model.

3. Fetch Expected Receivables

Retrieve all incoming expected inflows from the Accounts Receivable data model.

4. Calculate Total Liquidity

Sum all balances from the Bank Accounts data model to determine total available cash.

5. Calculate Total Projected Outflow

Sum all amounts from the Pending Payments entries for the next 7 days.

6. Calculate Net Cash Position

Subtract Total Projected Outflow from Total Liquidity to determine the net surplus or deficit.

7. Determine Funding Gap

Calculate if the Net Cash Position is below the predefined minimum safety buffer.

8. Alert Treasury Manager of Shortfall

Create a task for the Treasury Manager if the funding gap calculation returns a deficit.

9. Create Cash Forecast Entry

Create a new entry in the Daily Forecast data model with the calculated net position.

10. Update Bank Account Status

Update the 'Last Verified' timestamp in the Bank Accounts data model.

11. Send Daily Treasury Summary

Send an email to the CFO containing the summary of total liquidity and net cash position.

12. Generate Weekly Cash Flow Report

Generate a visual report comparing projected vs. actual cash flows for the week.

13. Initiate Intercompany Transfer

Create a task to move funds between accounts if the deficit exceeds a specific threshold.

14. Urgent Liquidity Alert

Send an SMS to the Treasurer if the cash position drops below the critical threshold.

15. Clear Processed Alerts

Delete old notification entries from the Alert Log data model after processing.

End

End of the Workflow/Process.