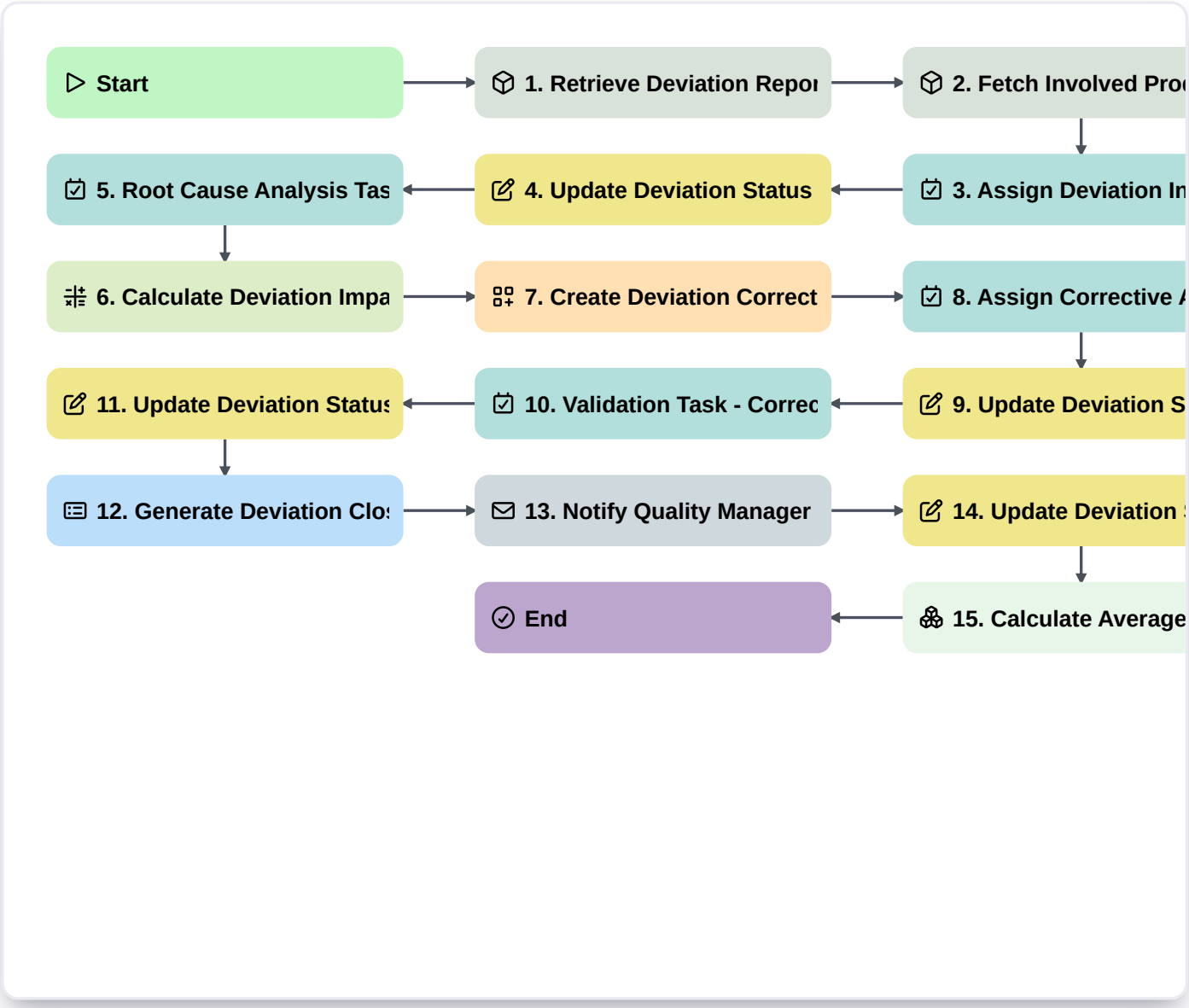
ChecklistGuro

Manufacturing Deviation Management Workflow



Start
Start of the Workflow/Process.

1. Retrieve Deviation Report
Fetch existing deviation report based on deviation ID.

2. Fetch Involved Production Order
Get the production order associated with the deviation.

3. Assign Deviation Investigation
Create a task to assign investigation to the appropriate engineer.

4. Update Deviation Status to 'Under Investigation'
Update the deviation record's status to indicate ongoing investigation.

5. Root Cause Analysis Task
Create a task for the engineer to perform root cause analysis.

6. Calculate Deviation Impact Score
Calculate a score based on severity, frequency, and affected products. Variables: severity, frequency, affected_products_count

7. Create Deviation Corrective Action Plan
Create a new entry to detail the corrective action plan to prevent recurrence.

8. Assign Corrective Action Implementation
Assign task to implement corrective actions specified in plan.

9. Update Deviation Status to 'Corrective Action Implemented'
Update deviation record's status to reflect actions taken.

10. Validation Task - Corrective Action Effectiveness
Assign task to validate effectiveness of corrective action.

11. Update Deviation Status to 'Validation Complete'
Update deviation record status after validation.

12. Generate Deviation Closure Report
Create a report summarizing deviation details, root cause, corrective actions, and validation results.

13. Notify Quality Manager of Deviation Closure
Send email notification to the quality manager regarding deviation closure.

14. Update Deviation Status to 'Closed'
Final status update to indicate deviation is closed.

15. Calculate Average Deviation Resolution Time
Aggregate data on deviation resolution times to calculate average resolution time. Variables: start_date, end_date

End
Start of the Workflow/Process.