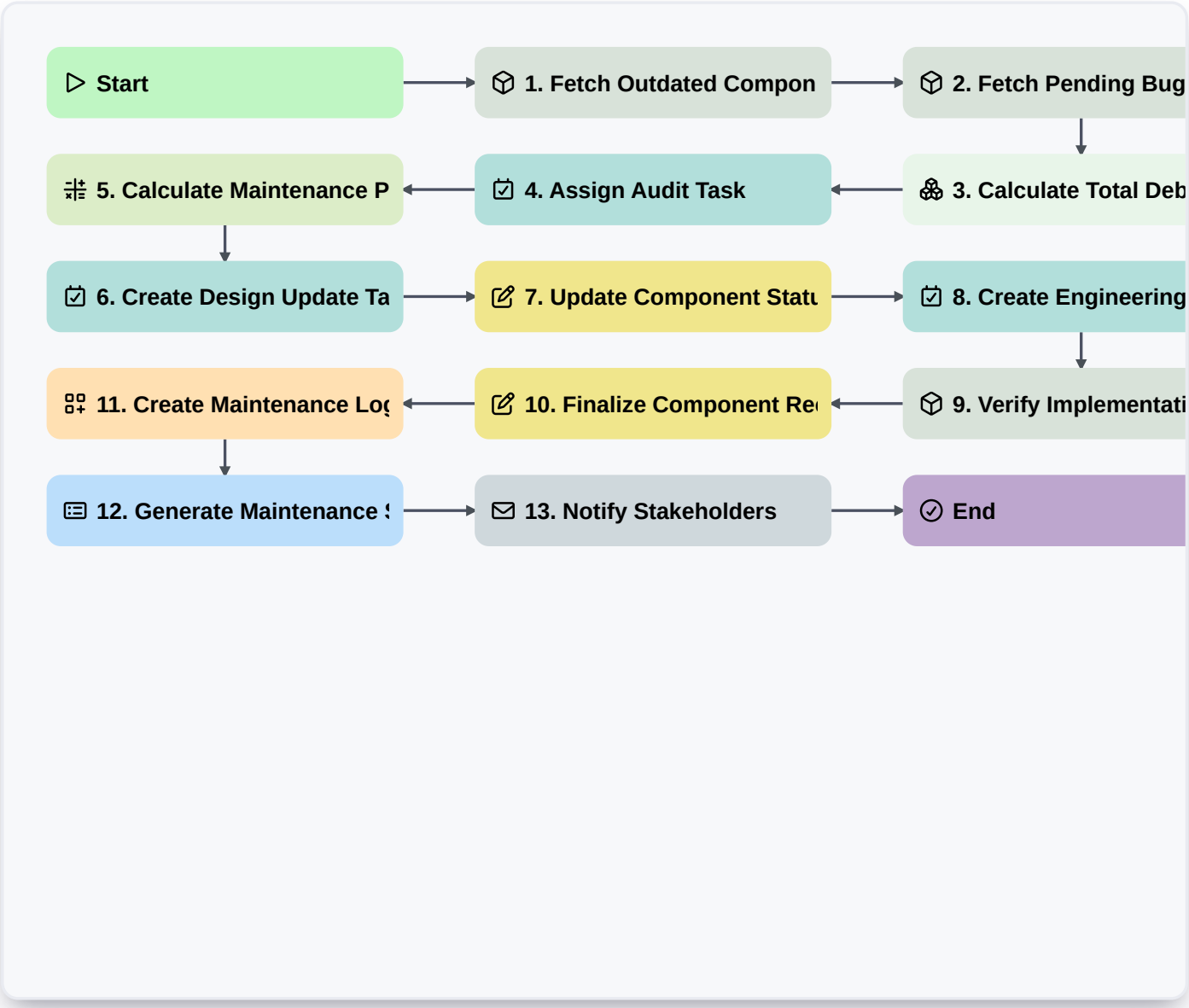
ChecklistGuro

Design System Maintenance Process



Start
Start of the Workflow/Process.

1. Fetch Outdated Components
Retrieve all component entries from the Design System Data Model where 'last_audit_date' is older than 6 months.

2. Fetch Pending Bug Reports
Retrieve all bug entries related to the Design System that are currently in 'Unresolved' status.

3. Calculate Total Debt
Sum the 'complexity_score' of all identified outdated components to determine the scope of work.

4. Assign Audit Task
Create a task for the Design System Lead to review the identified outdated components and bugs.

5. Calculate Maintenance Priority
Calculate priority score using (Total Debt * Complexity Weight) + Bug Severity.

6. Create Design Update Task
Create a task for the UI Designer to create new mockups for the components flagged for update.

7. Update Component Status
Update the 'status' field of the selected component entries to 'Under Maintenance'.

8. Create Engineering Implementation Task
Create a task for the Frontend Engineer to implement the updated design in the code repository.

9. Verify Implementation
Fetch the updated code documentation entries to ensure they match the new design specs.

10. Finalize Component Record
Update the 'last_audit_date' to the current date and set status to 'Active' for all updated components.

11. Create Maintenance Log
Create a new entry in the Maintenance History Data Model documenting what was changed and why.

12. Generate Maintenance Summary Report
Create a summary report showing the number of components updated and the total complexity resolved during this cycle.

13. Notify Stakeholders
Send an email to the Product Owners and Engineering Leads notifying them that the Design System maintenance cycle is complete.

End
End of the Workflow/Process.