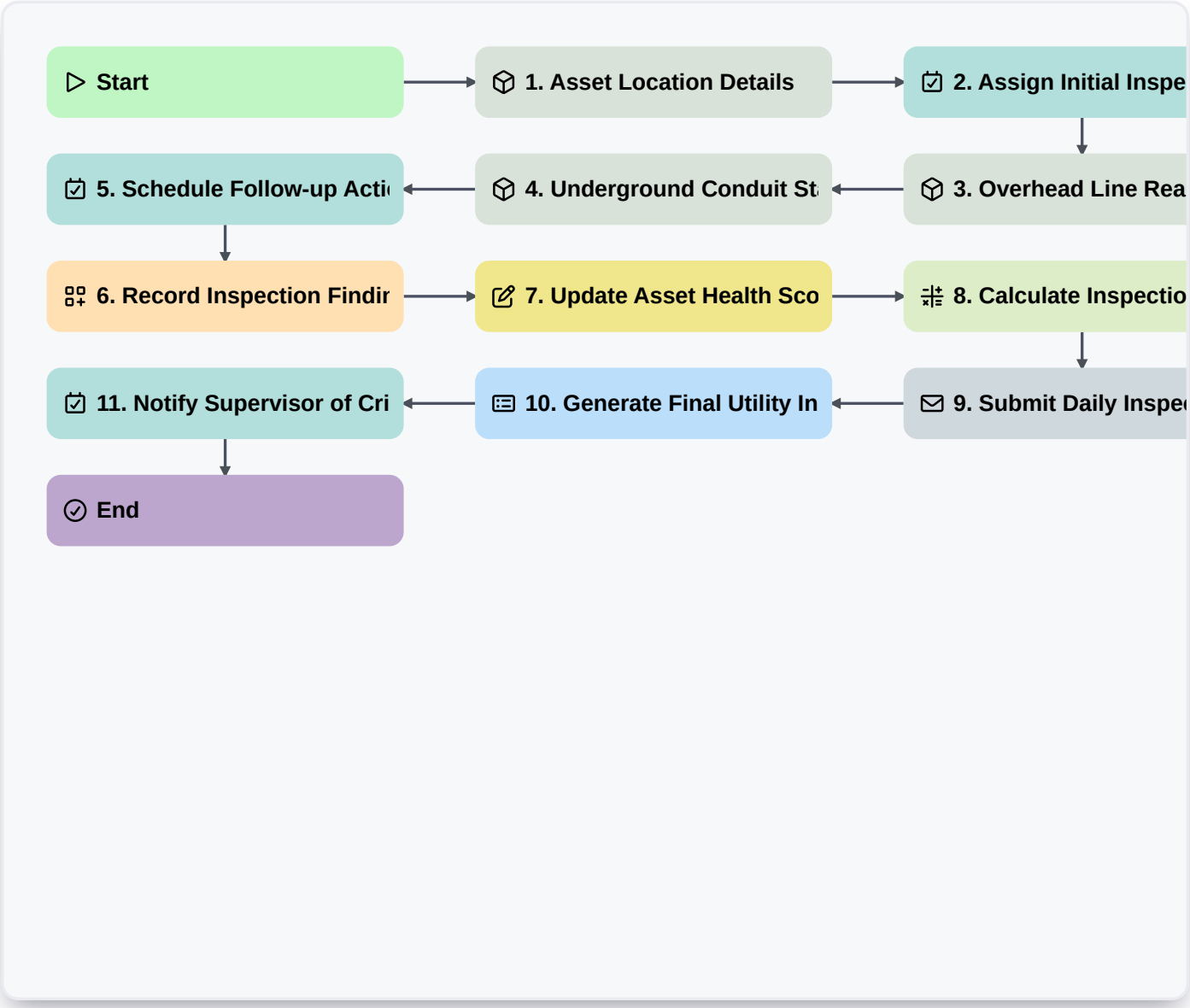
ChecklistGuro

Utility Utility Inspection Workflow: Smart Management For Underground & Overhead Assets



Start
Start of the Workflow/Process.

1. Asset Location Details
Retrieve initial data for the asset location (e.g., GPS coordinates, feeder ID) from the Asset Register data model.

2. Assign Initial Inspection Task
Create the main inspection task assigned to the assigned field technician upon workflow initiation.

3. Overhead Line Readings
Get specific readings or photos related to overhead utility lines from the designated data model.

4. Underground Conduit Status
Retrieve existing documentation and status reports for underground conduit sections.

5. Schedule Follow-up Action
Create a follow-up task for necessary repairs or deep dives based on initial findings.

6. Record Inspection Findings
Create a new entry to log observations, defects, or passing status for the current inspection zone.

7. Update Asset Health Score
Update the overall risk score of the utility asset based on inspection results.

8. Calculate Inspection Priority Score
Execute a formula combining observed defects and asset criticality to determine remediation priority.

9. Submit Daily Inspection Summary
Automatically email a summary report to the Engineering Lead upon completion of key inspection steps.

10. Generate Final Utility Inspection Report
Compile all collected data, photos, and task completion records into a comprehensive, signed report.

11. Notify Supervisor of Critical Failures
Alert the supervisor immediately via task assignment if high-risk deficiencies are found.

End
Start of the Workflow/Process.