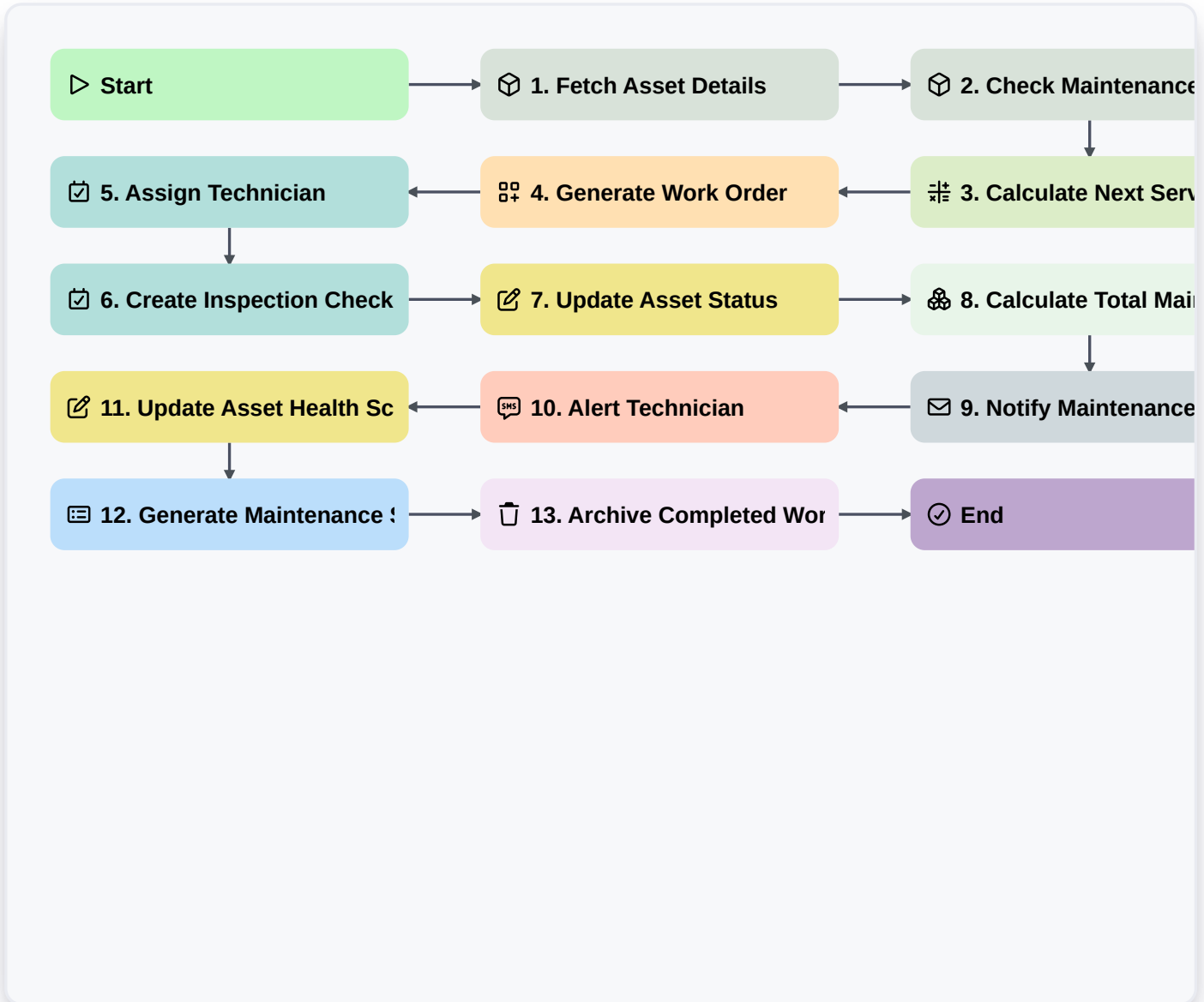


# Streamlined Preventive Maintenance & Asset Lifecycle Management Workflow



## ▶ Start

Start of the Workflow/Process.

## 📦 1. Fetch Asset Details

Retrieve asset information and maintenance history from the Asset Data Model

## 📦 2. Check Maintenance Schedule

Retrieve upcoming maintenance dates and frequency from the Maintenance Schedule Data Model

## 📅 3. Calculate Next Service Date

Calculate the next maintenance due date by adding the interval to the last service date

## 📄 4. Generate Work Order

Create a new entry in the Work Order Data Model with the calculated due date

## 📄 5. Assign Technician

Create a task for the maintenance technician to perform the scheduled inspection



## **6. Create Inspection Checklist**

Generate a task containing the standardized inspection checklist for the technician

## **7. Update Asset Status**

Update the Asset Data Model to mark the asset as 'Under Maintenance'

## **8. Calculate Total Maintenance Cost**

Sum the costs of parts and labor from all related Work Order entries

## **9. Notify Maintenance Manager**

Send an email notification to the manager regarding the newly created work order

## **10. Alert Technician**

Send an SMS alert to the assigned technician about the new task assignment

## **11. Update Asset Health Score**

Update the health score in the Asset Data Model based on the inspection results

## **12. Generate Maintenance Summary Report**

Create a monthly maintenance performance report based on completed work orders

## **13. Archive Completed Work Order**

Remove the completed work order from the active view to the archive data model

## **End**

End of the Workflow/Process.