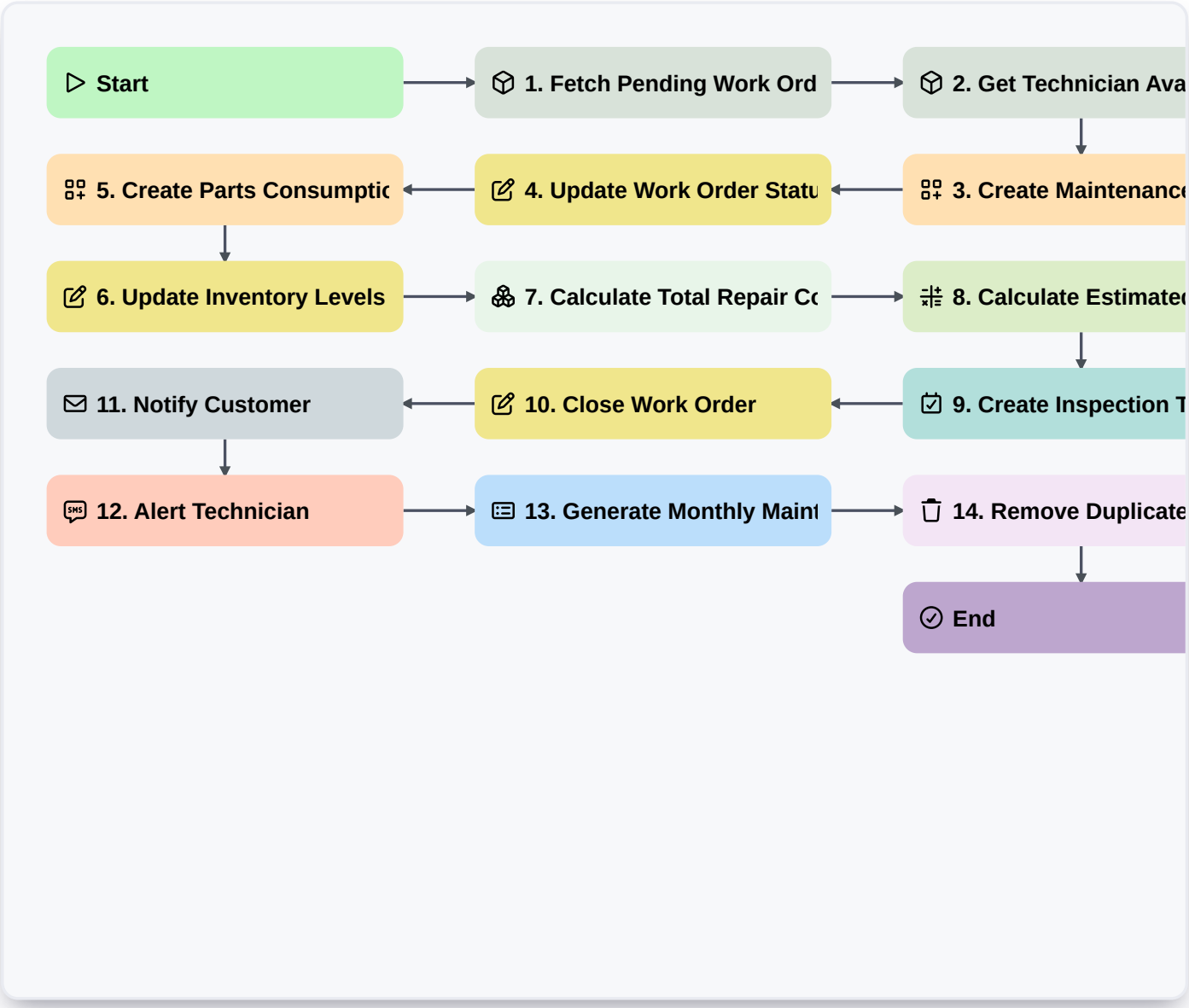
ChecklistGuro

# Mobile Maintenance Work Order Process




## Start
Start of the Workflow/Process.

## 1. Fetch Pending Work Orders
Retrieve all Work Order entries with a status of 'New' or 'Unassigned'.

## 2. Get Technician Availability
Retrieve technician entries to check for available staff in the assigned region.

## 3. Create Maintenance Task
Generate a new Task for the assigned technician containing the repair details.

## 4. Update Work Order Status
Update the Work Order entry status to 'In Progress' once the technician accepts the task.

## 5. Create Parts Consumption Entry
Create a new entry in the Parts Log to track parts used during the repair.

## 6. Update Inventory Levels
Decrement the stock quantity in the Parts Data Model based on parts used.

### 7. Calculate Total Repair Cost
Sum the costs of all parts used and labor hours recorded for the specific Work Order.

### 8. Calculate Estimated Completion Time
Calculate the new ETA by adding the estimated repair duration to the current timestamp.

### 9. Create Inspection Task
Create a follow-up task for a supervisor to verify the repair quality.

### 10. Close Work Order
Update the Work Order status to 'Completed' and timestamp the closure.

### 11. Notify Customer
Send an email to the customer notifying them that their mobile device/equipment is ready for pickup.

### 12. Alert Technician
Send an SMS to the technician when a high-priority emergency work order is assigned.

### 13. Generate Monthly Maintenance Report
Compile all completed Work Order entries into a monthly performance and cost report.

### 14. Remove Duplicate Work Orders
Delete any duplicate or erroneous Work Order entries identified during the audit phase.

### End
End of the Workflow/Process.