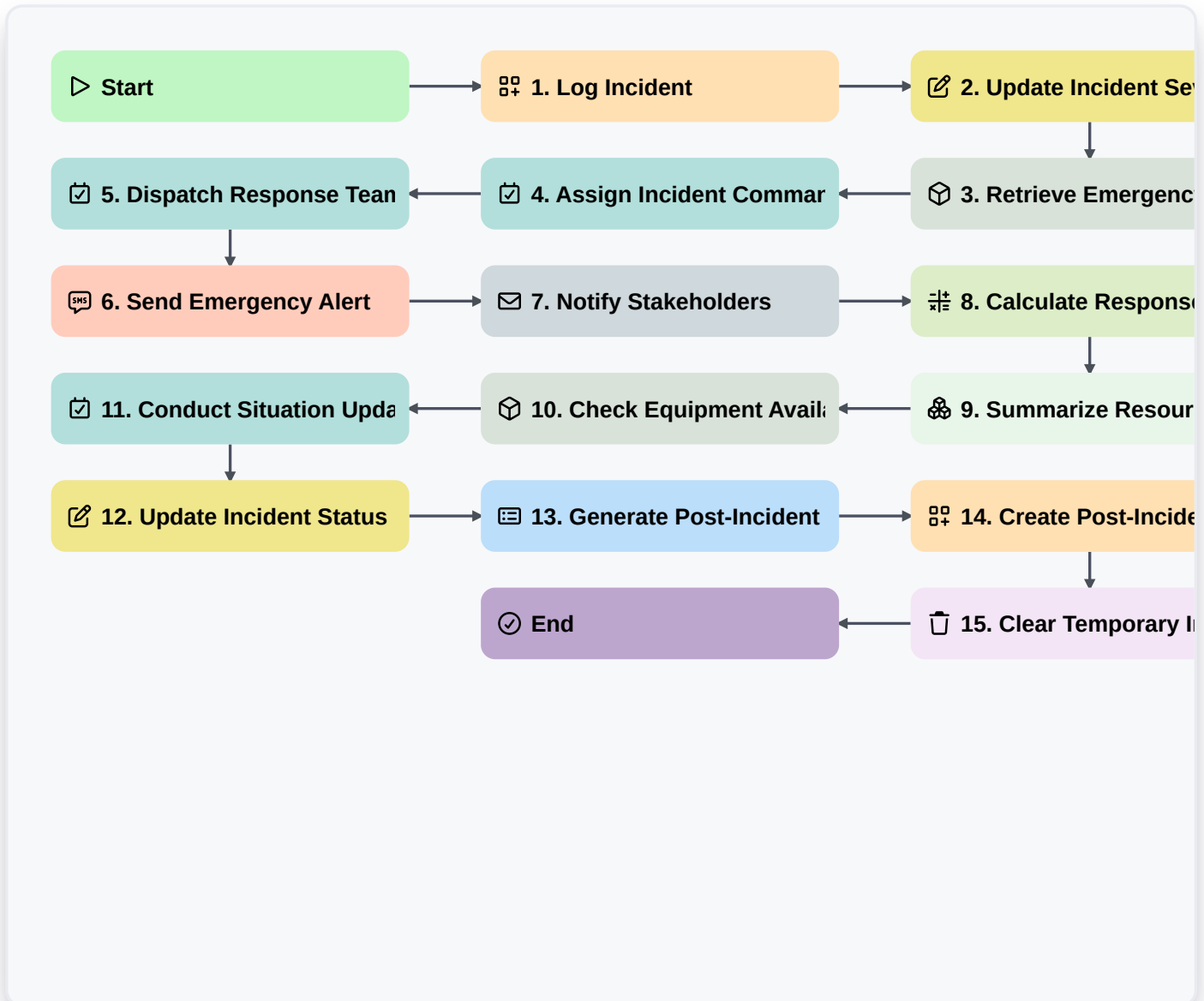


# Emergency Incident Management And Response Workflow



## ▷ Start

Start of the Workflow/Process.

## 🗄️ 1. Log Incident

Create a new entry in the 'Incidents' data model to record the initial details of the emergency.

## ✍️ 2. Update Incident Severity

Update the priority level of the incident entry based on the initial assessment.

## 📦 3. Retrieve Emergency Contacts

Get entries from the 'Personnel' data model to identify responders assigned to the specific incident type.

## 📋 4. Assign Incident Commander

Create a task for a senior manager to oversee the response operations.

## 📋 5. Dispatch Response Team

Create a task for the field team to mobilize to the incident location.



## **6. Send Emergency Alert**

Send an automated SMS alert to all stakeholders and responders with the incident location.

## **7. Notify Stakeholders**

Send a detailed email to the executive leadership team regarding the incident start and scale.

## **8. Calculate Response Time**

Calculate the duration between 'Incident Log Time' and 'First Responder Arrival Time'.

## **9. Summarize Resource Impact**

Aggregate data from 'Damage Assessment' entries to sum the total estimated cost of the incident.

## **10. Check Equipment Availability**

Get entries from the 'Inventory' data model to ensure necessary emergency supplies are in stock.

## **11. Conduct Situation Update**

Create a task for periodic situational reporting.

## **12. Update Incident Status**

Update the 'Incident' entry status to 'Active', 'Contained', or 'Resolved'.

## **13. Generate Post-Incident Report**

Create a comprehensive report summarizing the timeline, actions taken, and total impact for post-mortem analysis.

## **14. Create Post-Incident Review Entry**

Create a new entry in the 'Lessons Learned' data model to document findings from the incident.

## **15. Clear Temporary Incident Logs**

Delete transient, non-essential temporary data entries used during the high-intensity response phase.

## **End**

End of the Workflow/Process.