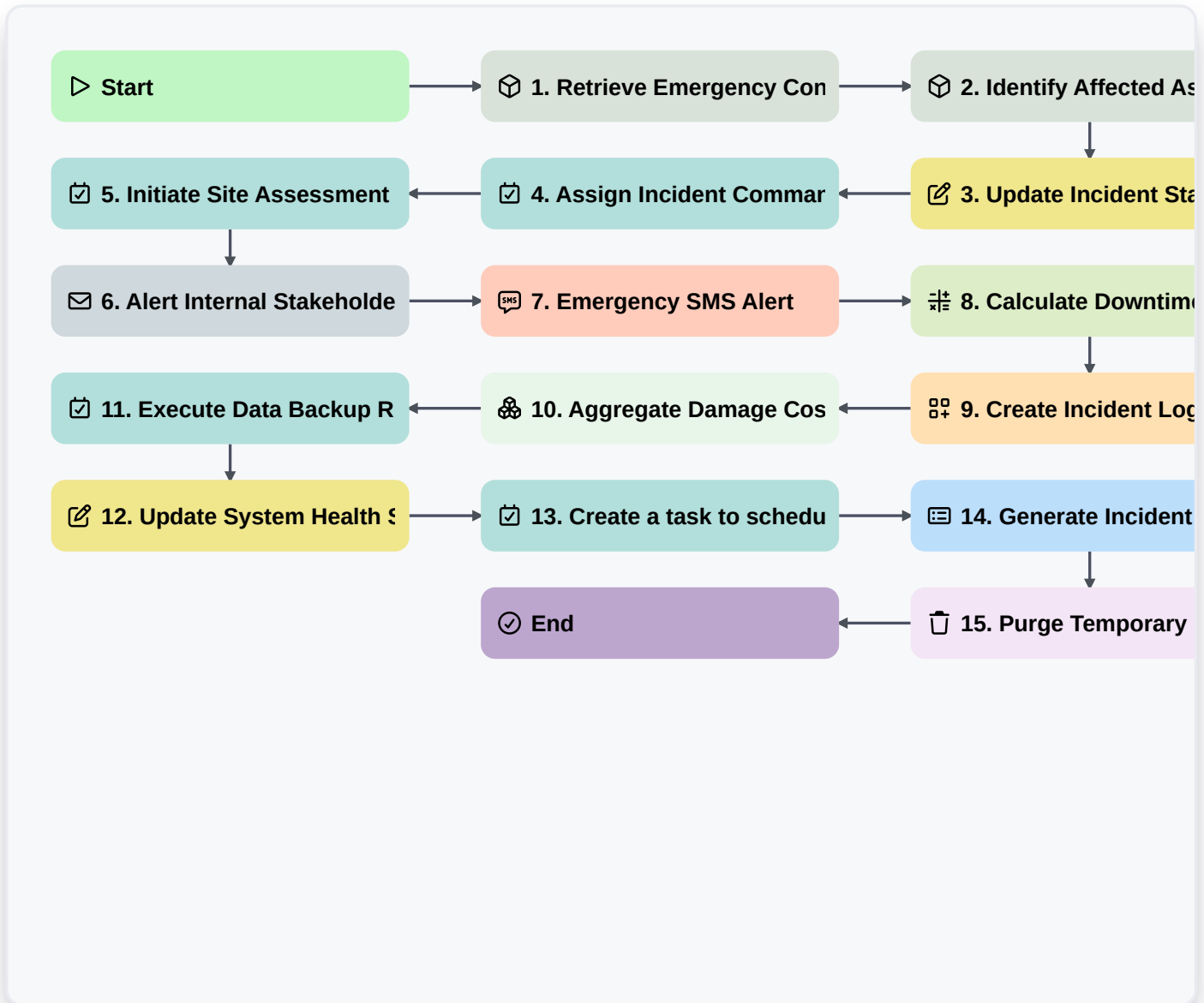


Disaster Recovery And Emergency Response Plan



▷ **Start**

Start of the Workflow/Process.

 **1. Retrieve Emergency Contact List**

Fetch all entries from the 'Emergency Contacts' data model to identify key stakeholders and responders.

 **2. Identify Affected Assets**

Retrieve entries from the 'Critical Infrastructure' data model to determine which systems are impacted by the disaster.

 **3. Update Incident Status**

Update the 'Incident Report' entry to change the status from 'Detected' to 'Active/In-Progress'.

 **4. Assign Incident Commander**

Create a task for the designated Lead Responder to take control of the emergency response.

 **5. Initiate Site Assessment**

Create a task for the Safety Officer to perform a physical or digital inspection of the affected area/system.



✉ **6. Alert Internal Stakeholders**

Send an emergency email to the management and IT teams regarding the active disaster.

📱 **7. Emergency SMS Alert**

Send an automated SMS to the Rapid Response Team for immediate notification.

🧮 **8. Calculate Downtime Impact**

Calculate the estimated financial loss by multiplying the 'Estimated Hours of Outage' by the 'Hourly Revenue Value'.

🗒️ **9. Create Incident Log Entry**

Create a new entry in the 'Incident Log' data model to begin documenting the timeline of events.

🔗 **10. Aggregate Damage Costs**

Sum the 'Repair Cost' property from all 'Damage Assessment' entries to calculate total estimated loss.

✅ **11. Execute Data Backup Restoration**

Create a technical task for the DevOps team to begin restoring systems from the most recent clean backup.

✍️ **12. Update System Health Status**

Update the 'System Status' data model entries to 'Down' or 'Degraded' across all impacted services.



13. Create a task to schedule and hold a debriefing session once the incident is resolved.

Create a task to schedule and hold a debriefing session once the incident is resolved.

📄 **14. Generate Incident Post-Mortem Report**

Create a comprehensive report summarizing the timeline, impact, and resolution steps for regulatory compliance.

🗑️ **15. Purge Temporary Emergency Notes**

Delete temporary, sensitive, or unstructured data entries used during the heat of the response once the official log is finalized.

🏁 **End**

End of the Workflow/Process.