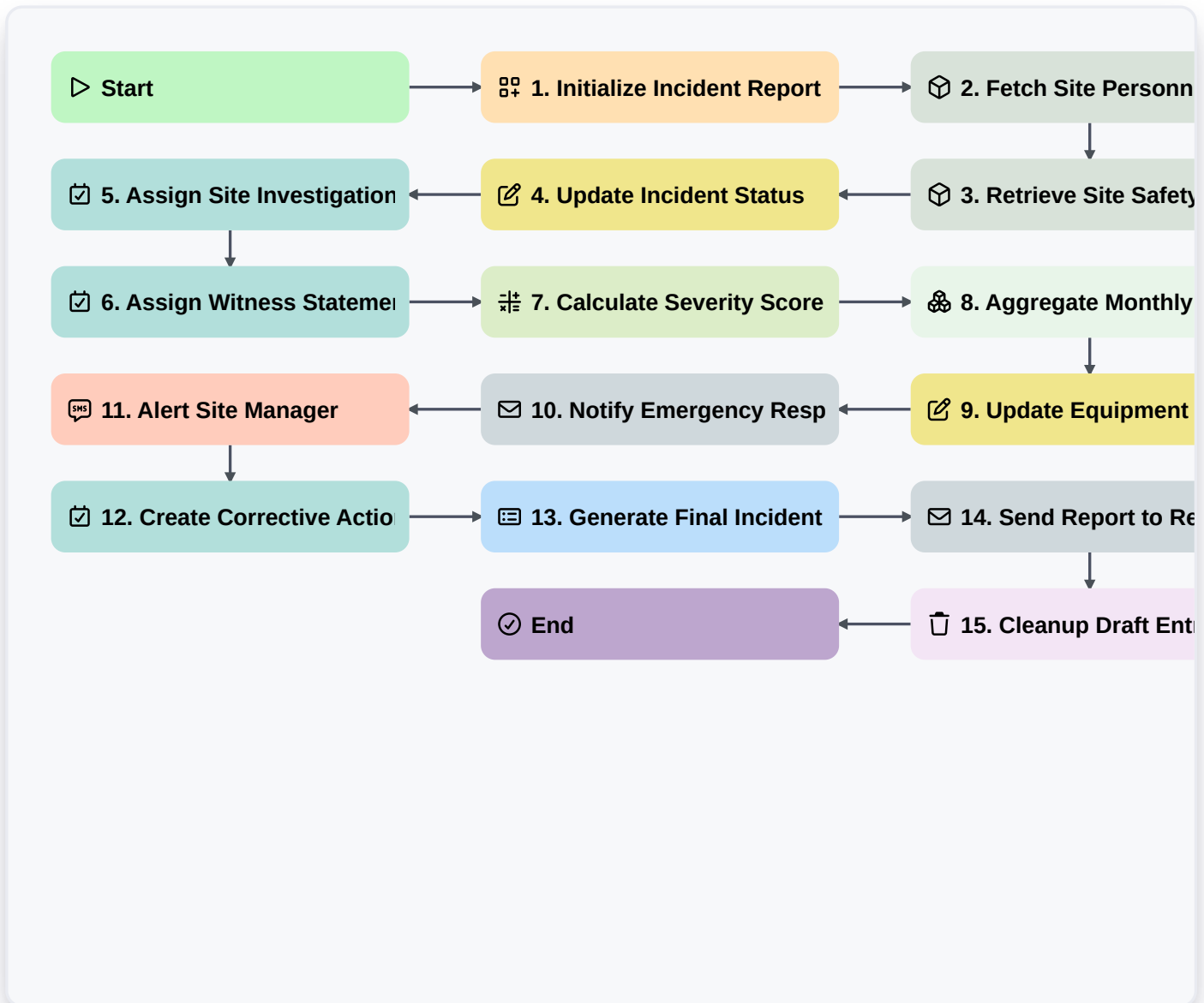


Mine Site Incident & Accident Reporting



Start

Start of the Workflow/Process.

1. Initialize Incident Report

Create a new entry in the 'Incident Reports' data model to begin the reporting process.

2. Fetch Site Personnel

Retrieve all active employees from the 'Personnel' data model to assign witnesses or involved parties.

3. Retrieve Site Safety Equipment Logs

Get data from 'Equipment Logs' to check if required safety gear was in use at the time of the incident.

4. Update Incident Status

Update the status of the incident record (e.g., from 'Reported' to 'Under Investigation').

5. Assign Site Investigation Task

Create a task for the Safety Officer to perform an on-site physical inspection.

6. Assign Witness Statement Collection

Create a task for the Supervisor to collect and document statements from all witnesses.



7. Calculate Severity Score

Execute a formula based on 'Injury Type' and 'Equipment Damage' to determine the incident severity level.

8. Aggregate Monthly Incident Count

Sum the number of incidents in the 'Incident Reports' model for the current month to track trends.

9. Update Equipment Maintenance Status

Update the 'Maintenance' data model to mark specific machinery as 'Out of Service' due to the accident.

10. Notify Emergency Response Team

Send an urgent email to the ERT with the incident location and type.

11. Alert Site Manager

Send an SMS notification to the Site Manager regarding a high-severity incident.

12. Create Corrective Action Task

Create a follow-up task to implement safety improvements based on investigation findings.

13. Generate Final Incident Investigation Report

Generate a comprehensive PDF report summarizing the incident, investigation, and findings.

14. Send Report to Regulatory Body

Send the final investigation report to the relevant government/regulatory email address.

15. Cleanup Draft Entries

Delete any incomplete or duplicate incident draft entries from the data model.

End

End of the Workflow/Process.