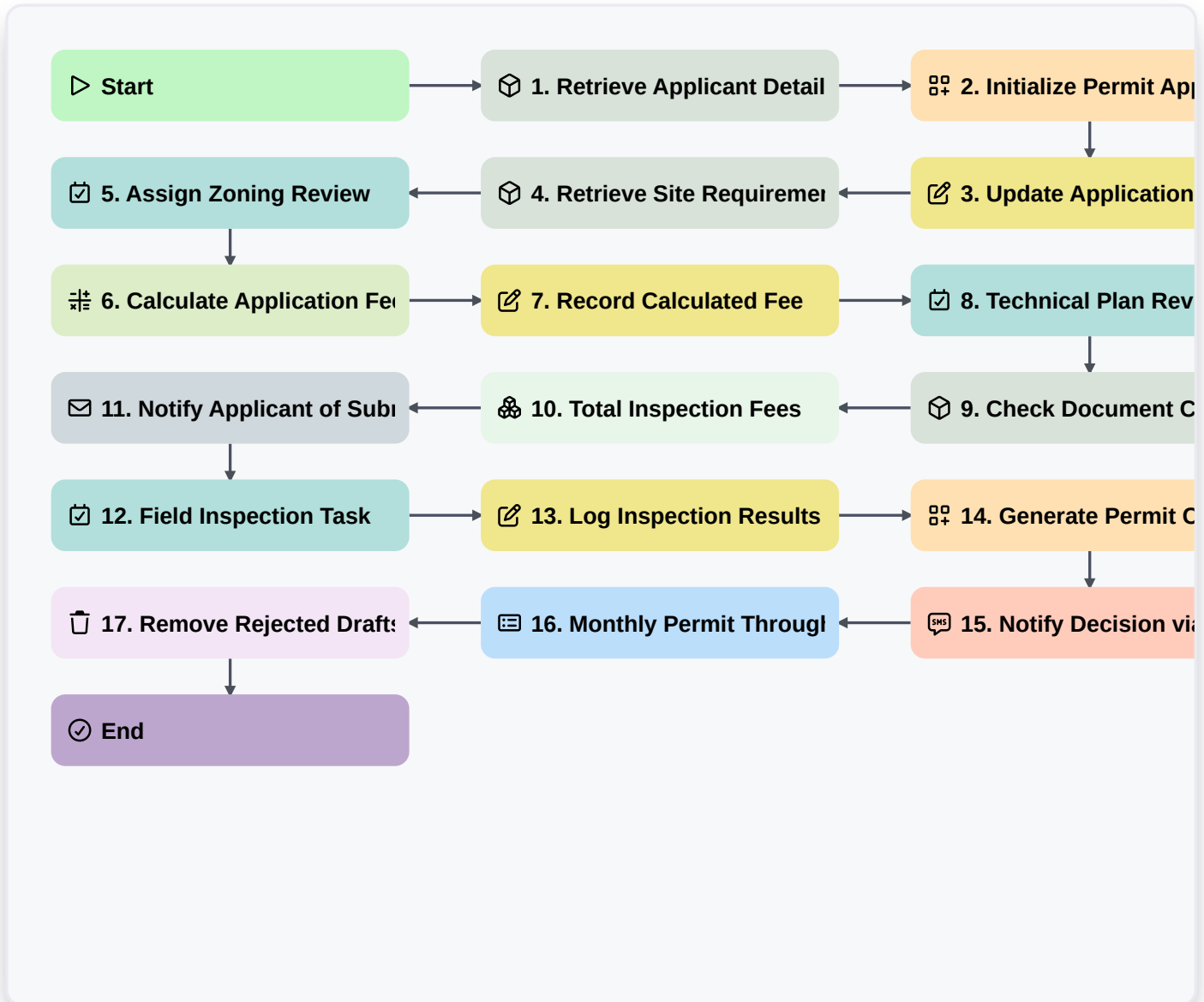


Permit Application Management Process



▷ Start

Start of the Workflow/Process.

📦 1. Retrieve Applicant Details

Fetch existing information from the 'Applicant' data model to prepopulate the permit application.

🗄️ 2. Initialize Permit Application

Create a new entry in the 'Permit Applications' data model with initial status 'Draft'.

✍️ 3. Update Application Status to Pending

Change the status of the Permit Application entry to 'Under Review' once submitted.

📦 4. Retrieve Site Requirements

Get zoning and land-use regulations from the 'Regulatory Standards' data model.

📅 5. Assign Zoning Review

Create a task for the Zoning Officer to inspect the application against local regulations.

🔢 6. Calculate Application Fee

Calculate the total fee based on the permit type and land area variables.



7. Record Calculated Fee

Update the 'Permit Application' entry with the calculated fee amount.

8. Technical Plan Review

Create a task for the Engineering Department to review structural blueprints.

9. Check Document Completeness

Check if all required attachments (ID, Blueprints, Site Map) exist in the related 'Attachments' model.

10. Total Inspection Fees

Sum all secondary inspection fees associated with this specific permit type.

11. Notify Applicant of Submission

Send a confirmation email to the applicant once the application is successfully received.

12. Field Inspection Task

Create a task for the Field Inspector to visit the physical location.

13. Log Inspection Results

Update the application entry with the inspector's findings and pass/fail status.

14. Generate Permit Certificate

Create a new entry in the 'Issued Permits' data model if the application is approved.

15. Notify Decision via SMS

Send a brief SMS alert to the applicant regarding the approval or rejection of their permit.

16. Monthly Permit Throughput Report

Generate a performance report showing the time taken from submission to issuance for all permits this month.

17. Remove Rejected Drafts

Delete incomplete or duplicate draft entries from the system to maintain data hygiene.

End

End of the Workflow/Process.