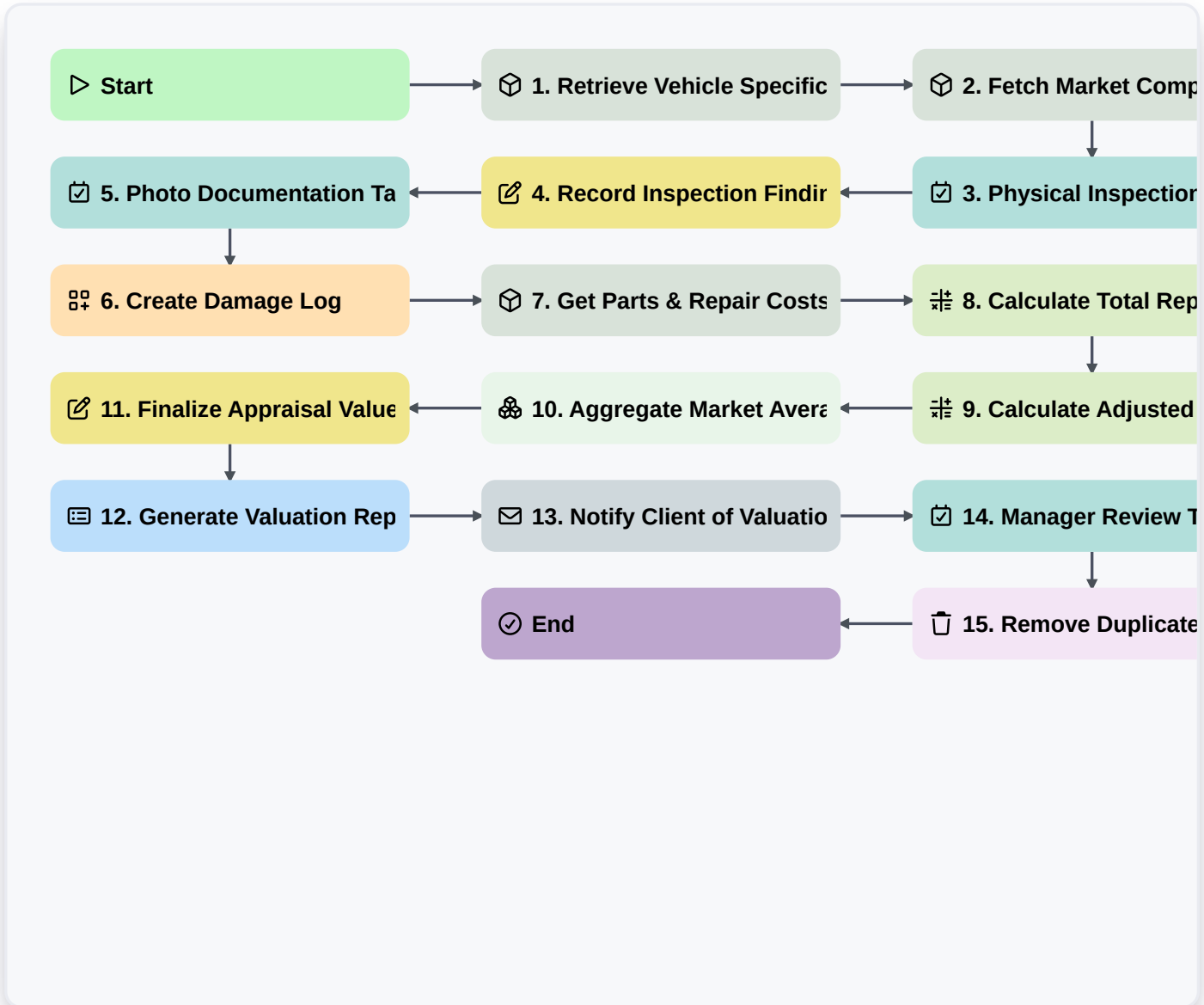


Automotive Vehicle Valuation And Appraisal Process



▷ **Start**

Start of the Workflow/Process.

📦 **1. Retrieve Vehicle Specifications**

Fetch existing vehicle data (VIN, Make, Model, Year) from the Vehicle Data Model.

📦 **2. Fetch Market Comparables**

Retrieve recent sales data for similar vehicles from the Market Trends Data Model.

📋 **3. Physical Inspection Task**

Assign a task to an Appraiser to perform a physical walk-around of the vehicle.

📋 **4. Record Inspection Findings**

Update the vehicle entry with specific condition notes (e.g., dents, scratches, tire wear).

📋 **5. Photo Documentation Task**

Assign a task to capture 360-degree high-resolution images and dashboard photos.



6. Create Damage Log

Create a new entry in the Damage Assessment Data Model for every identified defect.

7. Get Parts & Repair Costs

Retrieve estimated repair costs from the Service/Parts Data Model.

8. Calculate Total Repair Liability

Sum the cost of parts and labor identified in the Damage Log.

9. Calculate Adjusted Market Value

Subtract the Total Repair Liability from the base Market Comparable value.

10. Aggregate Market Average

Calculate the average market price of all retrieved comparable vehicles to establish a benchmark.

11. Finalize Appraisal Value

Update the main Vehicle Entry with the final calculated Appraisal Value and Status: 'Completed'.

12. Generate Valuation Report

Generate a PDF appraisal report containing photos, condition notes, and value justification.

13. Notify Client of Valuation

Send the completed Valuation Report via email to the vehicle owner/client.

14. Manager Review Task

Create a task for the Senior Manager to audit and approve the high-value appraisal.

15. Remove Duplicate Inspection

Delete any redundant or erroneous inspection entries created during the process.

End

End of the Workflow/Process.