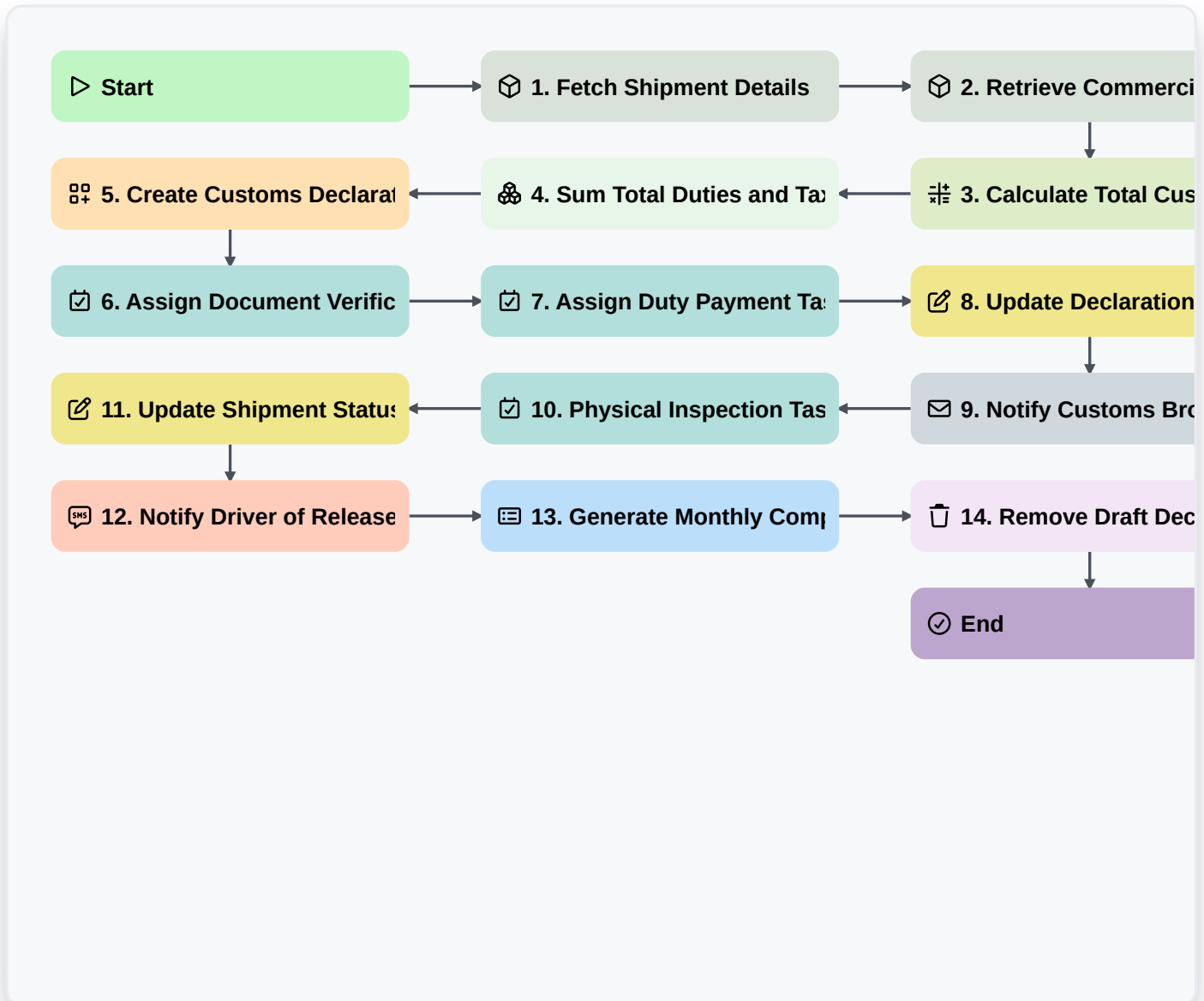


Customs Clearance And Documentation Workflow



Start

Start of the Workflow/Process.

1. Fetch Shipment Details

Retrieve all active shipment entries from the Shipment Data Model to begin the clearance process.

2. Retrieve Commercial Invoice Data

Fetch all associated invoice entries linked to the specific shipment ID.

3. Calculate Total Customs Value

Sum the line-item values from the fetched invoices and add applicable insurance/freight costs to determine the total CIF value.

4. Sum Total Duties and Taxes

Aggregate the calculated tax amounts across all items in the shipment to determine the total payable amount to customs.



5. Create Customs Declaration Entry

Generate a new entry in the 'Customs Declarations' data model populated with the shipment and calculation data.

6. Assign Document Verification Task

Create a task for the Documentation Specialist to verify that the Bill of Lading and Packing List match the Declaration.

7. Assign Duty Payment Task

Create a task for the Finance Department to process the payment of calculated customs duties.

8. Update Declaration Status

Update the status of the Customs Declaration entry to 'Pending Payment' once documents are verified.

9. Notify Customs Broker

Send an email to the external customs broker with the attached declaration and shipment details.

10. Physical Inspection Task

Create a task for the Warehouse Agent to perform a physical container inspection if flagged by customs.

11. Update Shipment Status to 'Cleared'

Update the primary Shipment entry to 'Customs Cleared' once all tasks are completed.

12. Notify Driver of Release

Send an SMS to the logistics driver to notify them that the cargo is released for pickup.

13. Generate Monthly Compliance Report

Create a summary report of all cleared vs. delayed shipments for the monthly audit.

14. Remove Draft Declarations

Delete any incomplete or erroneous draft entries from the declaration model to keep the database clean.

End

End of the Workflow/Process.