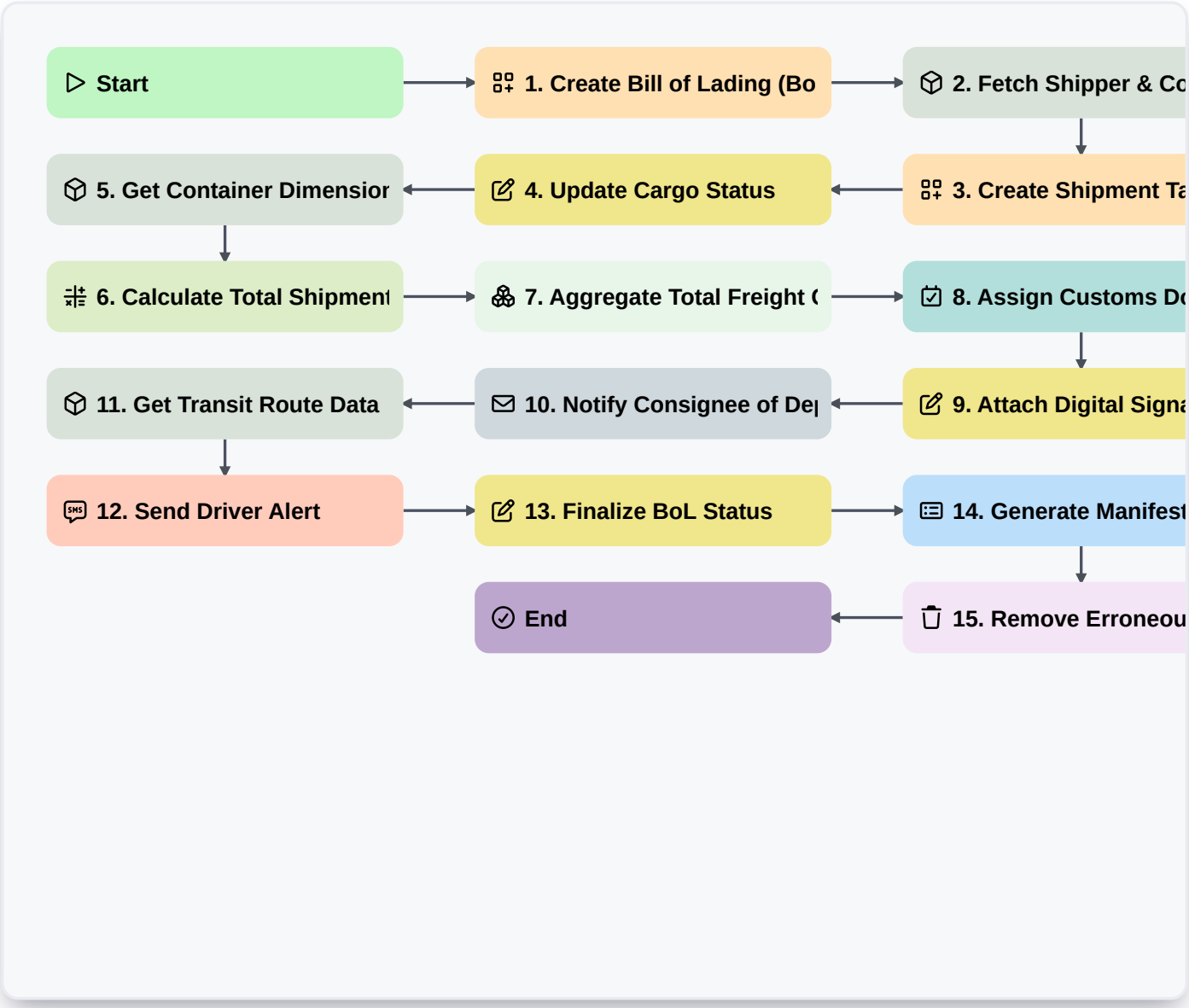
ChecklistGuro

Digital Bill Of Lading Management Workflow



Start
Start of the Workflow/Process.

1. Create Bill of Lading (BoL) Record
Initialize a new BoL entry in the system with primary shipment details.

2. Fetch Shipper & Consignee Details
Retrieve contact and address information from the Partner Data Model.

3. Create Shipment Task
Generate a task for the Logistics Coordinator to verify cargo readiness.

4. Update Cargo Status
Update the BoL entry status to 'Cargo Loaded' once loading is confirmed.

5. Get Container Dimensions
Retrieve weight and volume data from the Equipment Data Model.

6. Calculate Total Shipment Weight
Sum the weights of all individual items/packages listed in the BoL.

7. Aggregate Total Freight Charges
Sum all associated service fees and fuel surcharges for the shipment.

8. Assign Customs Documentation Task
Create a task for the Documentation Specialist to prepare customs clearance papers.

9. Attach Digital Signature
Update the BoL entry with the timestamped digital signature of the carrier.

10. Notify Consignee of Departure
Send an automated email to the receiver with the BoL number and estimated arrival.

11. Get Transit Route Data
Retrieve the planned route and port of entry from the Route Data Model.

12. Send Driver Alert
Send an SMS to the truck driver with the pickup location and BoL reference.

13. Finalize BoL Status
Update the BoL record status to 'Dispatched' or 'In Transit'.

14. Generate Manifest Report
Create a consolidated report of all BoLs departing on the same vessel/truck.

15. Remove Erroneous Draft
Delete the draft BoL entry if it was created in error during the data entry phase.

End
End of the Workflow/Process.