

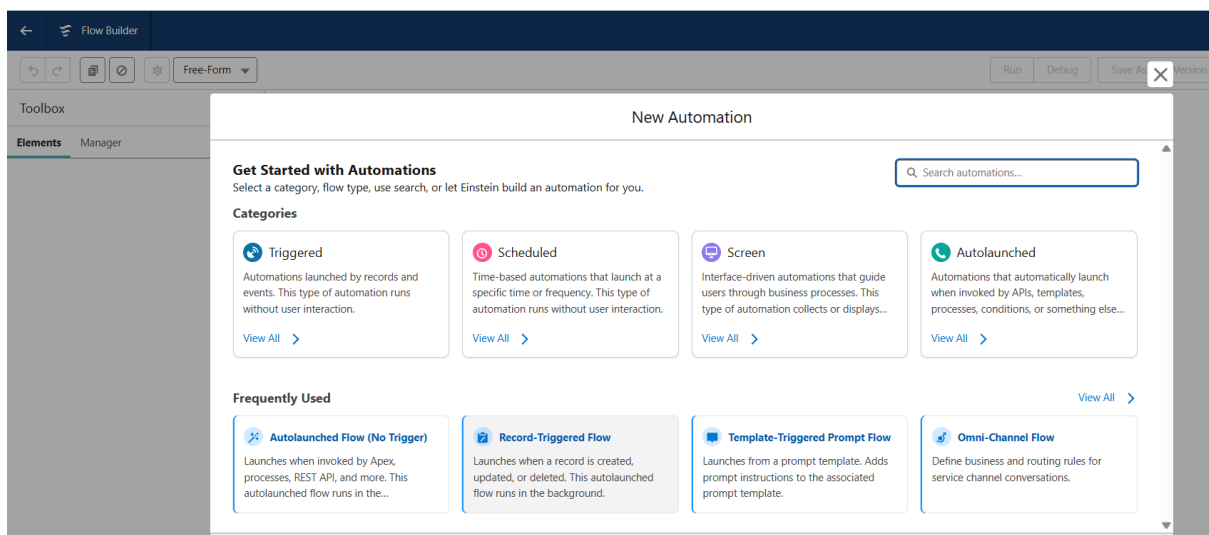
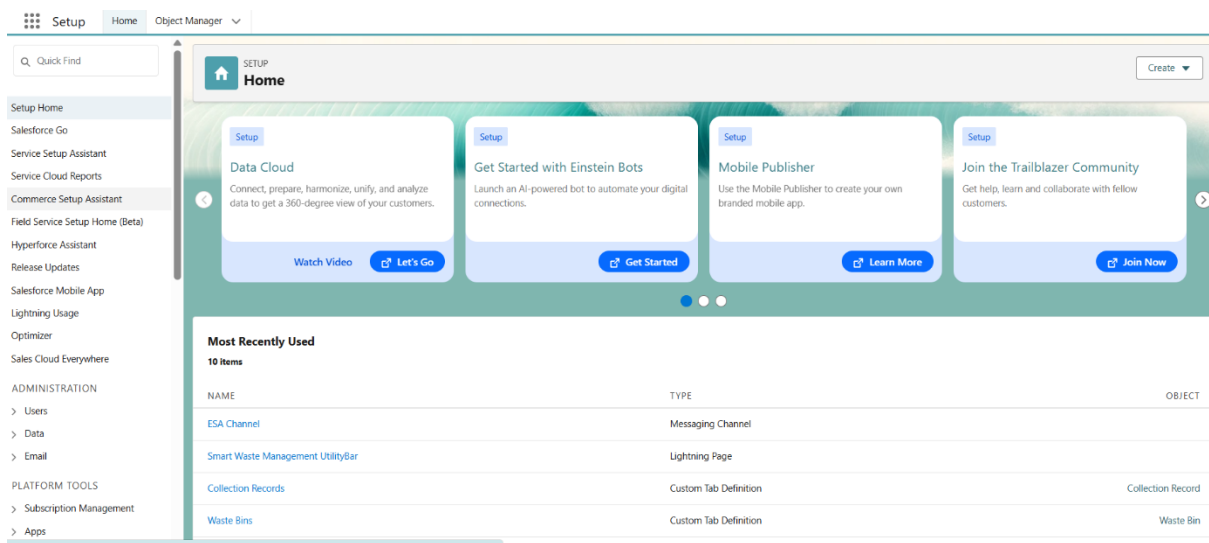
Smart Waste Management Tracker – Salesforce Project

Phase 6: Flow Automation (Bin Status Update)

Step 1: Goal of Phase 6

- Automate Waste Bin Status updates using **Record-Triggered Flows**.
- Whenever a **Collection Record** is created, the related **Waste Bin** status will automatically update based on the quantity collected.

Expected Outcome: Flow updates the Waste Bin status dynamically without manual effort.



Step 2: Create Record-Triggered Flow

- Go to **Setup → Flow → New Flow**.

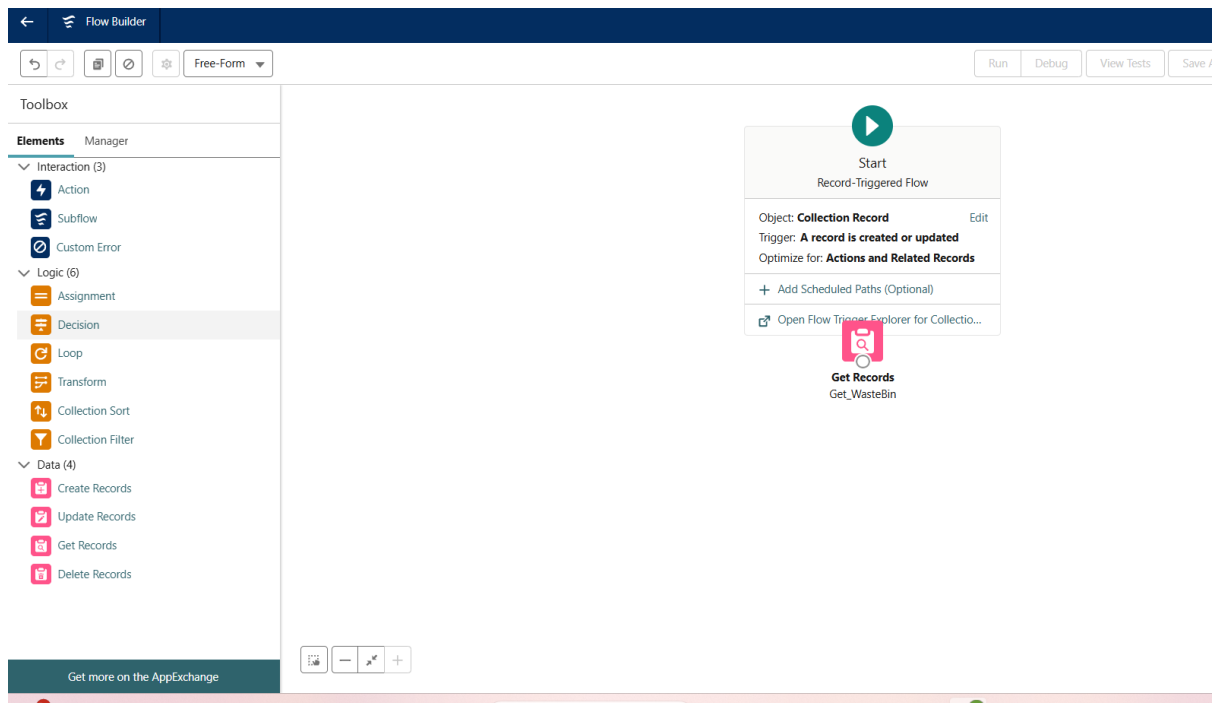
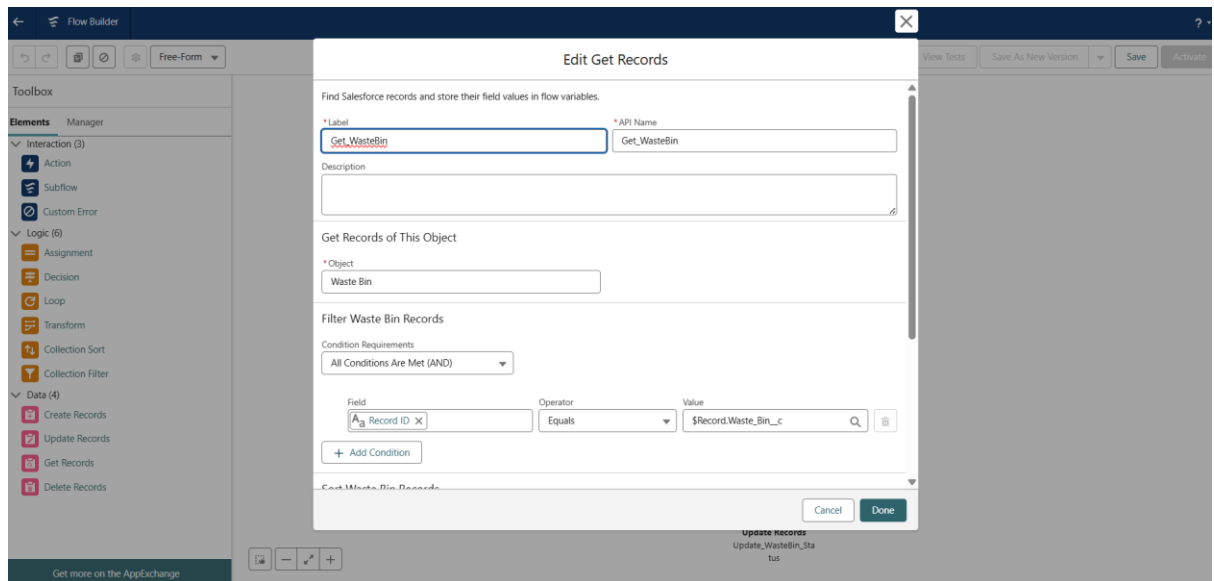
- Select **Record-Triggered Flow**.
- Object: **Collection Record (CollectionRecord__c)**.
- Trigger: **A record is created**.

The screenshot displays the Salesforce Flow Builder interface. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. A search bar on the left shows 'flow'. The left sidebar lists various automation tools, including 'Flows', 'Process Automation', and 'Workflow Rules'. The main area shows a list of 'All Flows' with columns for Flow Label, Process Type, Active status, Template, Package State, and Last Modified Date. Below this, a detailed view of a 'Record-Triggered Flow' is shown, with a 'Start' button and a configuration box for the trigger: 'Object: Collection Record', 'Trigger: A record is created or updated', and 'Optimize for: Actions and Related Records'.

Flow Label	Process Type	Active	Template	Package State	Package...	Last Modified By	Last Modified Date
Add Case Comment	Autolaunched Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Managed-Installed			
Add Experiences to Prompt	Prompt Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unmanaged		Kiran kumari Thati	17/09/2025, 11:05 pm
Add or Modify Service Appointment Attendees	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Managed-Installed			
Approvals Workflow: Evaluate Approval Requests	Screen Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Approvals Workflow: Process Approval Submission	Screen Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Managed-Installed			
Approve a Deal	Screen Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Authentication Provider User Registration	Identity User Registration Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Basic Approval Request	Flow Orchestration for CMS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Book Appointment from Invitation	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Cancel Item Flow	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Cancel Order	Autolaunched Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Managed-Installed			
Change Case Owner to Incident Owner	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Chats Routed to Agents and Queues	Omni-Channel Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			

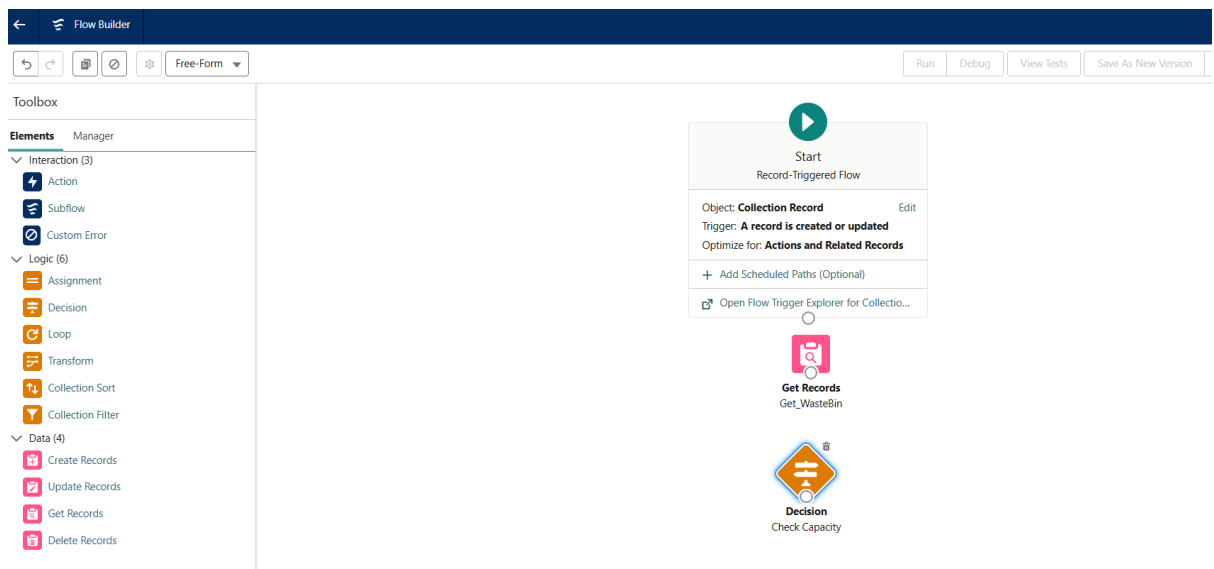
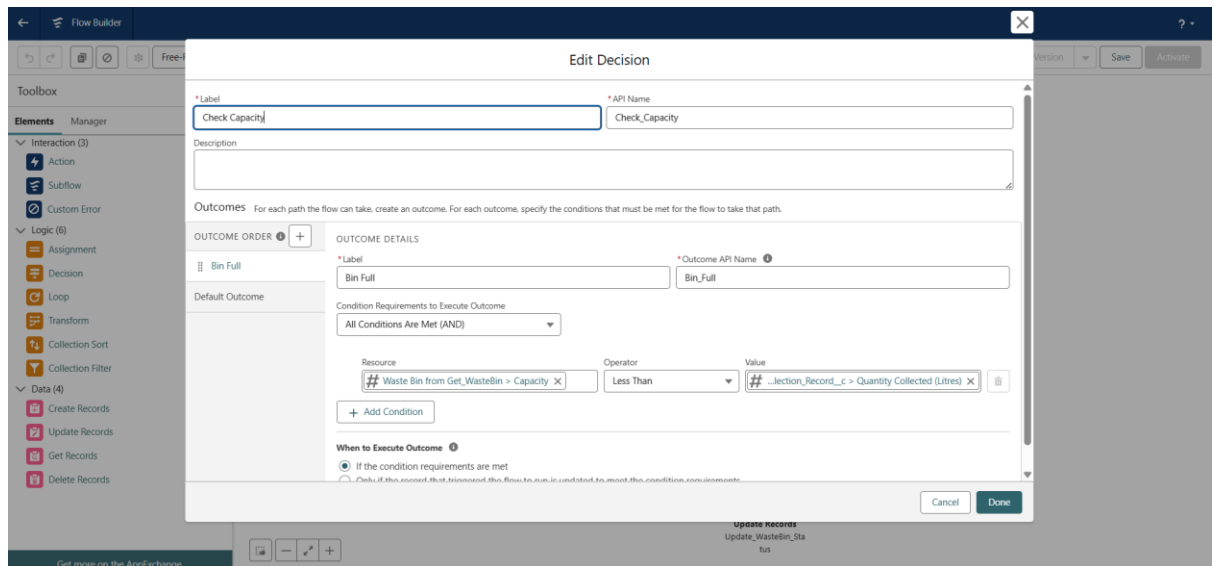
Step 3: Get Related Waste Bin Record

- Element: **Get Records**.
- Label: **Get_WasteBin**.
- Object: **WasteBin__c**.
- Condition: **Id = {!\$Record.Waste_Bin__c}** (Lookup field from Collection Record).



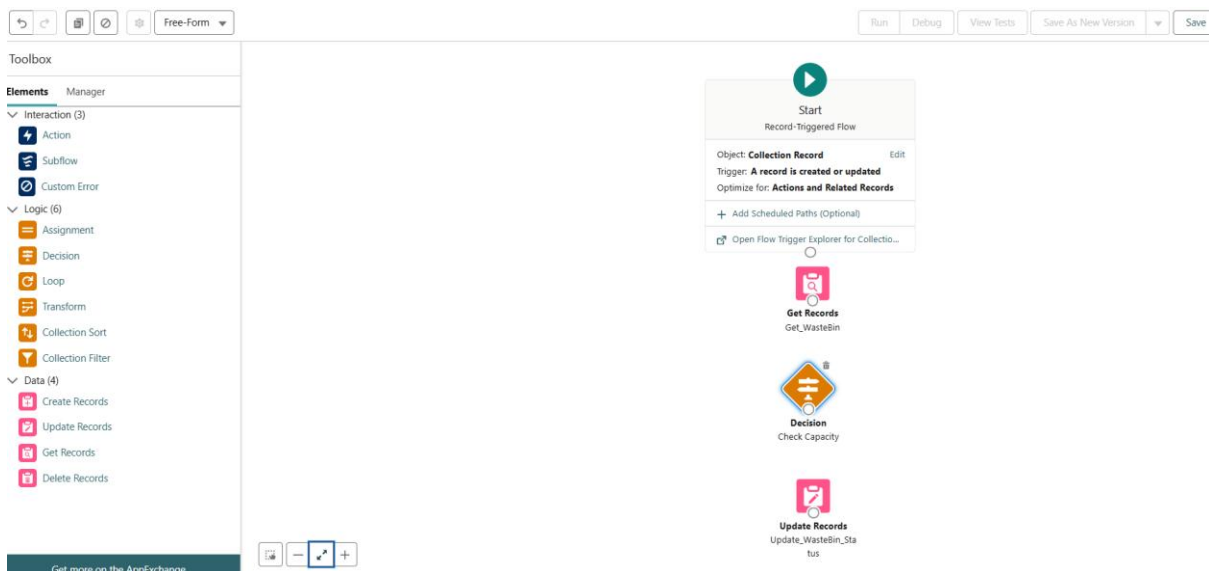
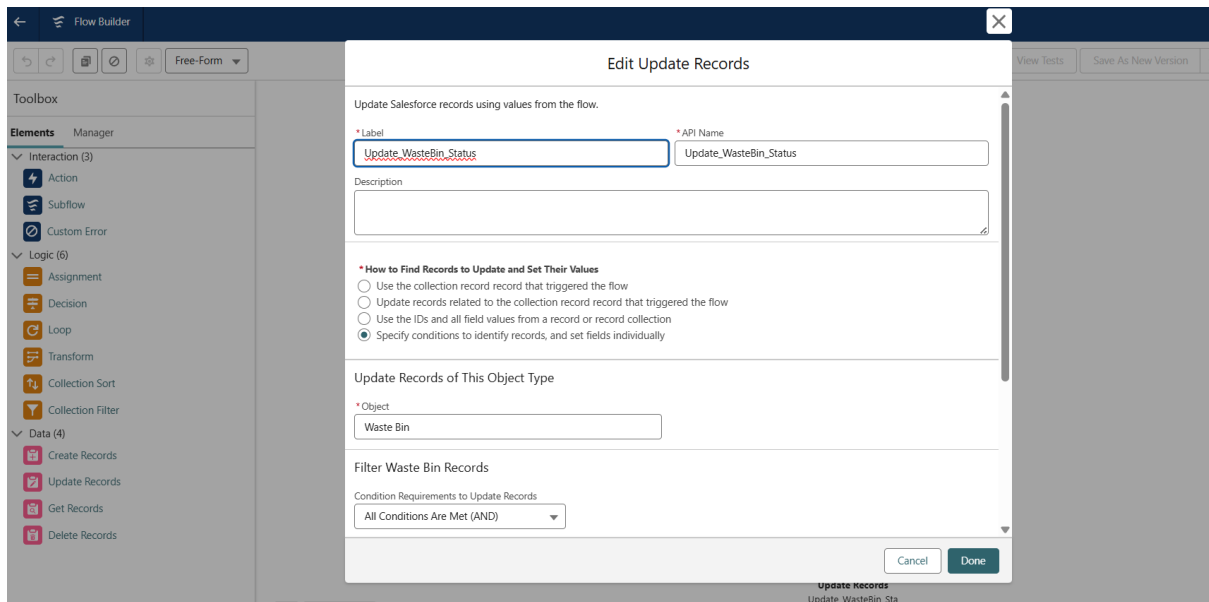
Step 4: Decision Element – Check Capacity

- Element: **Decision**.
- Label: Check_Capacity.
- Outcome 1: **Bin Full**
 - Condition: `{!Get_WasteBin.Capacity__c} <= {$Record.Quantity_Collected_Litres__c}`.
- Default Outcome: **Not Full**.



Step 5: Update Waste Bin Status

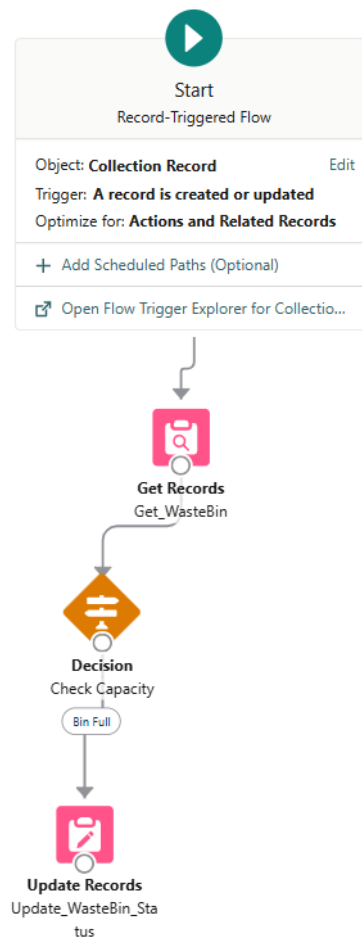
- Element: **Update Records.**
- Label: Update_WasteBin_Status.
- Object: **WasteBin__c** (from Get_WasteBin).
- Field to Update:
 - **Status = Full** (if condition met).



Step 6: Connect Flow Elements

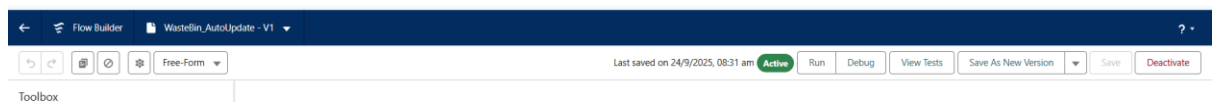
- Connect elements as follows:

Start → Get_WasteBin → Check Capacity → Update_WasteBin_Status → End



Step 7: Save & Activate Flow

- Flow Label: WasteBin_Status_Update_Flow.
- API Name: WasteBin_Status_Update_Flow.
- Click **Save & Activate**.



Final Outcome (Phase 6 Completion)

- A **Record-Triggered Flow** is created and activated.
- When a **Collection Record** is added, the related **Waste Bin** status updates automatically.
- Flow tested successfully without errors or warnings.





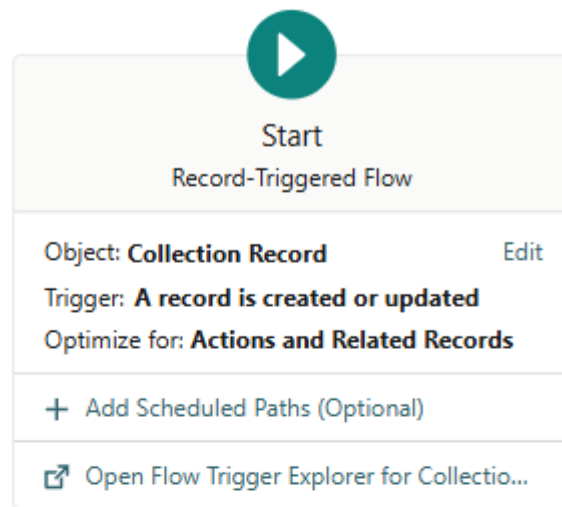


Free-Form 

Errors and Warnings

Errors (0) Warnings (0)

You have 0 errors.



Get Records
Get_WasteBin



Decision
Check Capacity

Bin Full



Update Records
Update_WasteBin_Sta