

VALIDATION RULES

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Team Id	NM2025TMID01192
Project Name	CRM Application for Jewel Management

Validation Rules maintain data integrity and ensure that only correct information is stored.

Examples include:

1. Jewelry Weight must be greater than 0.
2. Order Total cannot be blank or negative.
3. Payment Date cannot precede Order Date.
4. Email format must include @ and a valid domain.

The screenshot displays the Salesforce Setup interface for configuring a validation rule. The breadcrumb trail shows 'Setup > OBJECT MANAGER > Jewel Customer'. The left sidebar contains a navigation menu with categories like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Jewel Customer Validation Rule' and includes a 'Validation Rule Edit' section with fields for Rule Name (set to 'ValidationRule_For_JewelCustomerObject'), Active status (checked), and Description. Below this is the 'Error Condition Formula' section, which provides an example formula and a list of functions (ABS, ACOS, ADDMONTHS, AND, ASCII, ASIN) for constructing the validation logic. A 'Quick Tips' sidebar on the right offers additional guidance.

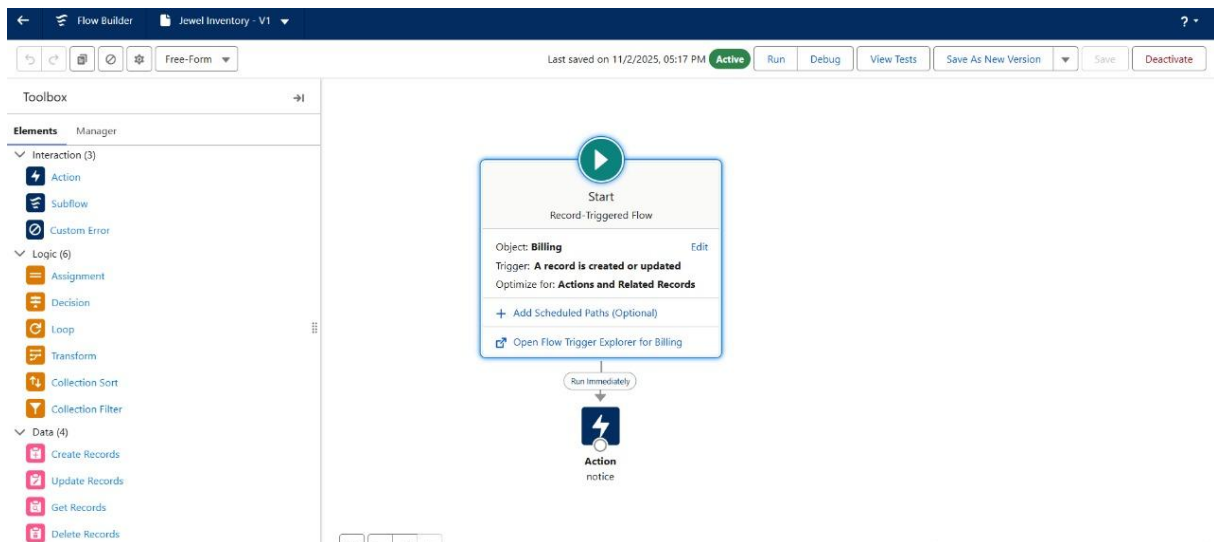
These rules prevent common user input errors and enhance the system's reliability.

Automation using Salesforce Flows

Salesforce Flows automate repetitive tasks and streamline business processes.

Implemented Flows:

- **Order Confirmation Flow:** When a new order is created, automatically generate a corresponding Payment record.
- **Stock Update Flow:** Reduces Jewelry Item stock after each sale and sends an alert for low inventory.
- **Payment Reminder Flow:** Sends automated payment reminders to customers for pending dues.
- **Customer Notification Flow:** Sends a “Thank You” email after successful payment confirmation.



Each Flow connects business logic using Salesforce’s drag-and-drop interface, reducing the need for manual operations and improving process speed.