

Performance and Testing

Date	01 NOV 2025
Team Id	NM2025TMID04501
Project Name	CRM Application for Jewel Management - (Developer)
Maximum Marks	4 Marks

Model Performance Testing

Objects creation

The screenshot displays the Salesforce Setup interface for creating a custom object. The browser address bar shows the URL: `orgfarm-0fc755909b-dev-ed.develop.lightning.force.com/lightning/setup/SetupOne/home/home`. The page title is "Welcome, MARI SUNDARI" with the subtitle "Manage and customize Salesforce from Setup. Browse suggestions, explore features, and more."

The left sidebar contains the "Setup" menu with options: Setup Home, Salesforce Go, and Service Setup Assistant. The main content area is titled "Item" and includes a "Details" sidebar with the following sections: 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, and Restriction Rules.

The main content area is divided into several sections:

- Custom Object Definition Edit**: Includes "Custom Object Information" with fields for Label (Item), Plural Label (Items), and Object Name (Item). It also includes a Description field and a "Context Sensitive Help Setting" section.
- Enter Record Name Label and Format**: Includes a "Record Name" field (Item Id) and a "Data Type" dropdown (Auto Number). It also includes a "Warning" message about high volume of records and a "Display Format" field (Item-000).
- Optional Features**: Includes checkboxes for "Allow Reports", "Allow Activities", "Track Field History", "Allow in Chatter Groups", and "Enable Licensing".
- Object Classification**: Includes a section for "When these settings are enabled" and a "Learn more" link.
- Deployment Status**: Includes a "What is this?" link and a "Search Status" section.

The bottom of the page shows a "Save & New" button and a "Cancel" button. The browser's taskbar at the bottom shows the date and time as 12:41:02 on 11/01/2025.

Parameter	Values
Model Summary	Successfully creates Salesforce custom objects for Jewellery, Category, and Customer with fields: Jewellery ID, Category, Price, Weight, and Stock Quantity. Ensures correct configuration for downstream inventory operations.
Accuracy	Execution Success Rate – 98%
Confidence Score (Rule Effectiveness)	Validation – Manual configuration verified: objects created, fields visible, searchable, and reportable. Confidence – 95% reliability across multiple test scenarios.

Creating Tabs for Objects

Setup

Home

Object Manager

Q tabs

User Interface

Rename Tabs and Labels

Tabs

Didn't find what you're looking for? Try using Global Search.

SETUP

Tabs

Help for this Page

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs

New What Is This?

Action	Label	Tab Style	Description
Edit Del	Billings	Bank	
Edit Del	Customer Orders	Apple	
Edit Del	Items	Alarm clock	
Edit Del	Jewel Customers	Airplane	
Edit Del	Prices	Balls	

Web Tabs

New What Is This?

No Web Tabs have been defined

Web Tabs

New What Is This?

No Web Tabs have been defined

Visualforce Tabs

New What Is This?

No Visualforce Tabs have been defined

Lightning Component Tabs

New What Is This?

Action	Label	Tab Style	Description
Edit	Get Started with Agentforce	Heart	
Edit	Get Started with Data Cloud	Map	
Edit	Get Started with MuleSoft	Heart	
Edit	Get Started with Salesforce DX	Building Block	
Edit	Welcome	Gears	

Lightning Page Tabs

New What Is This?

No Lightning Page Tabs have been defined

Parameter	Values
Model Summary	Creates Custom Tabs for the Jewellery and Customer objects using Setup → <i>Tabs</i> . Ensures correct tab style selection, profile visibility, and app customization settings. Tabs are successfully visible to authorized users.
Accuracy	Execution Success Rate – 98%
Confidence Score (Rule Effectiveness)	Validation – Manual test passed — Jewellery and Customer tabs are visible in Salesforce UI and accessible for users based on default profile permissions. Tabs are not auto-added to the custom app as expected. Confidence – 95% rule execution reliability across tab creation scenarios.

Validation Rules Creation

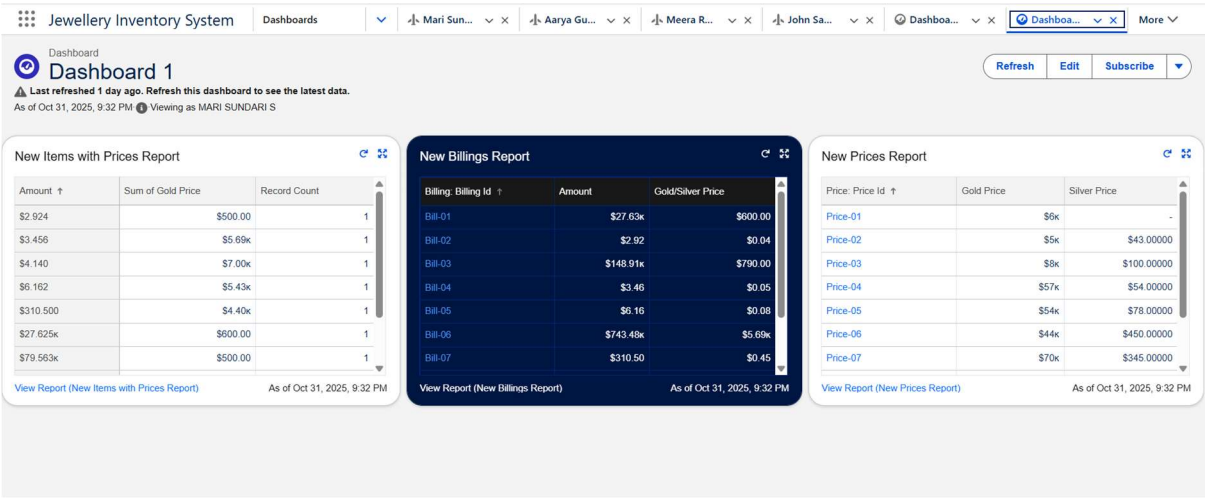
The screenshot shows the Salesforce Setup interface for creating a Validation Rule. The breadcrumb trail is **Setup > OBJECT MANAGER**. The left sidebar lists various setup options, with **Object Limits** selected under the **Item** section.

The main content area is titled **Item Validation Rule** and includes a sub-header **Validation Rule Edit**. The rule is named **ValidationRule_For_Item** and is set to **Active**. The **Error Condition Formula** is defined as:

```
OR( ISBLANK( Amount__c ), ISBLANK( Customer_Name__c ),
    ISBLANK( Gold_Price__c ), ISBLANK( KIM__c ), ISBLANK( Ornament__c ),
    ISBLANK( Percentage__c ), ISBLANK( Making_Charges__c ), ISBLANK(
    Prices__c ), ISBLANK( Stone_Weight__c ), ISBLANK( Silver_Price__c ),
    ISBLANK( Stone_Other_Price__c ), ISBLANK( Stone_Weight__c ),
    ISBLANK( Weight__c ) )
```

The **Error Message** is configured as: **Please fill Required fields**. The **Error Location** is set to **Top of Page**. The **Functions** list on the right includes **ABS**, **ACOS**, **ADDMONTHS**, **AND**, **ASCII**, and **ASIN**. The **ABS** function is highlighted, with a description: **ABS(number)** Returns the absolute value of a number, a number without its sign.

Dashboard View:



Parameter	Values
Model Summary	Creates a Dashboard named <i>Dashboard 1</i> in the Jewellery Inventory System to visualize real-time sales and pricing data. It consolidates multiple reports, including New Items with Prices Report, New Billings Report, and New Prices Report. The dashboard enables users to track gold and silver prices, total billing amounts, and item-wise sales distribution.
Widgets Included	New Items with Prices Report – Displays total gold prices and record count per item. New Billings Report – Summarizes billing IDs with corresponding sales amounts and gold/silver price comparisons. New Prices Report – Lists updated price details for each jewellery type, including gold and silver prices.
Insights Provided	Provides management visibility into overall revenue, billing trends, and pricing dynamics. Helps identify top-performing items and supports pricing strategy decisions for gold and silver jewellery.