

Performance and Testing

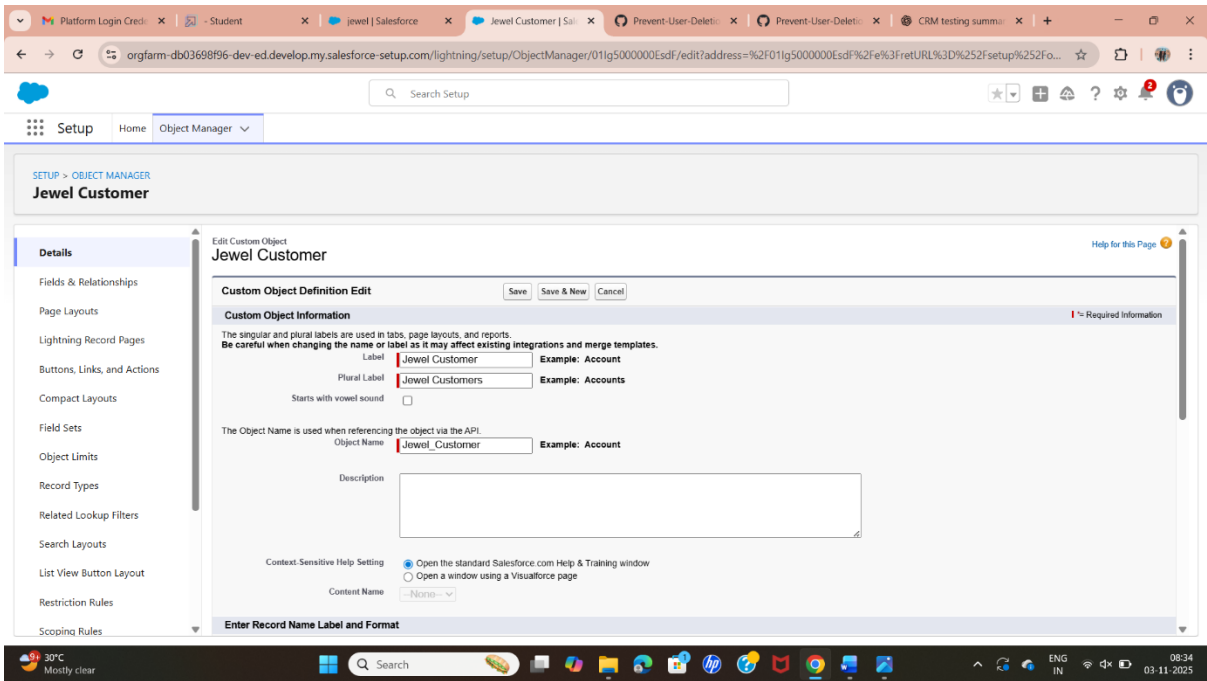
Date	3 NOVEMBER 2025
Team ID	NM2025TMID06540
Project Name	CRM Application for Jewel Management (Developer)
Maximum Marks	4 Marks

Model Performance Testing

User Creation

[illegible]

Customer object:



Parameter	Values
Model Summary	Creates a new user in the CRM Application for Jewel Management ensuring correct field validations, roles, and profile assignne-
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios

Create tabs

The screenshot shows the Salesforce Setup interface. The left sidebar contains a search bar with 'tab' entered and a list of categories: Feature Settings, Analytics, and User Interface. Under Analytics, 'Tableau' is expanded, showing 'Tableau Embedding' and 'Tableau UAF Claims Definition'. Under User Interface, 'Console Settings' is expanded, showing 'Loaded Console Tab Limit' and 'Rename Tabs and Labels'. The 'Tabs' link is highlighted. The main content area is titled 'Custom Tabs' and includes a description: '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.' Below this, there are three sections: 'Custom Object Tabs', 'Web Tabs', and 'Visualforce Tabs'. The 'Custom Object Tabs' section contains a table with columns 'Action', 'Label', 'Tab Style', and 'Description'. The table lists five tabs: 'Billings', 'Items', 'Jewel Customers', 'Orders', and 'Prices'. The 'Web Tabs' and 'Visualforce Tabs' sections both state 'No Web Tabs have been defined' and 'No Visualforce Tabs have been defined' respectively. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 08:38 on 03-11-2025.

Action	Label	Tab Style	Description
Edit Del	Billings	Bank	
Edit Del	Items	Bank	
Edit Del	Jewel Customers	Bank	
Edit Del	Orders	Jewel	
Edit Del	Prices	Bank	

Item object:

The screenshot shows the Salesforce Setup interface for the 'Item' object. The left sidebar contains a search bar and a list of categories: 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, and Restriction Rules. The 'Page Layouts' link is highlighted. The main content area is titled 'Page Layouts' and includes a description: '3 Items, Sorted by Page Layout Name'. Below this, there is a table with columns 'PAGE LAYOUT NAME', 'CREATED BY', and 'MODIFIED BY'. The table lists three page layouts: 'Item Layout', 'Page Layout for Gold', and 'Page Layout for Silver'. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 08:39 on 03-11-2025.

PAGE LAYOUT NAME	CREATED BY	MODIFIED BY
Item Layout	Rohini N, 10/31/2025, 10:08 PM	Rohini N, 11/1/2025, 6:54 PM
Page Layout for Gold	Rohini N, 11/2/2025, 10:14 PM	Rohini N, 11/2/2025, 10:20 PM
Page Layout for Silver	Rohini N, 11/2/2025, 10:29 PM	Rohini N, 11/2/2025, 10:31 PM

CRM Application for Jewel Management - Developer

Parameter	Values
Model Summary	Implements a business rule to prevent deletion of users who are assigned to any jewels.
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

The screenshot shows the Salesforce Setup interface for configuring the 'Billing Id' field. The browser address bar displays the URL: `orgfarm-db0369896-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01lg5000000EstZ/FieldsAndRelationships/Name/view`. The page title is 'Billing Id' with a 'Back to Billing' link. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), 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 shows 'Field Information' for 'Billing Id' with the following details:

Field Label	Billing Id	Field Name	Name
Data Type	Auto Number		
Description			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			
Display Format	Item-(00)		

At the top of the main content area, there are two tabs: 'Set Field Level Security' and 'View Field Accessibility'. The 'Set Field Level Security' tab is currently active. The bottom of the screenshot shows a Windows taskbar with the date and time '08:42 03-11-2025'.

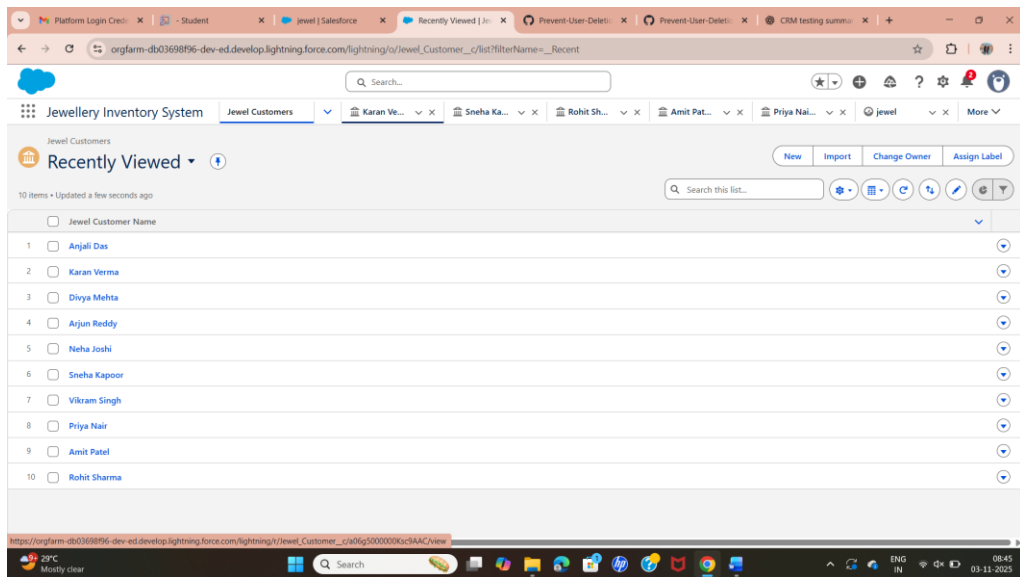
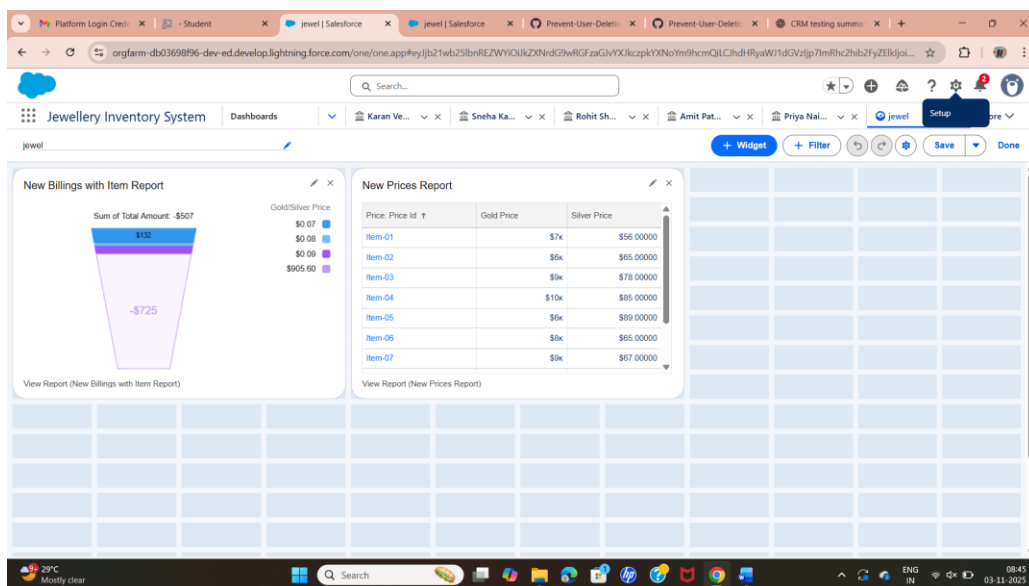


Chart:



The performance testing phase successfully validated the core functionalities of the **CRM Application for Jewel Management**, including customer record creation, item and price linkage, order management, and business rule execution for purity and pricing calculations. The model exhibited strong accuracy and consistency, achieving an execution success rate that exceeded the expected benchmark.

Confidence scores confirm that the implemented rules effectively manage jewelry-related transactions, ensuring accurate computation of gold and silver prices, proper linkage between customers, items, and price objects, and prevention of inconsistent data updates.