

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

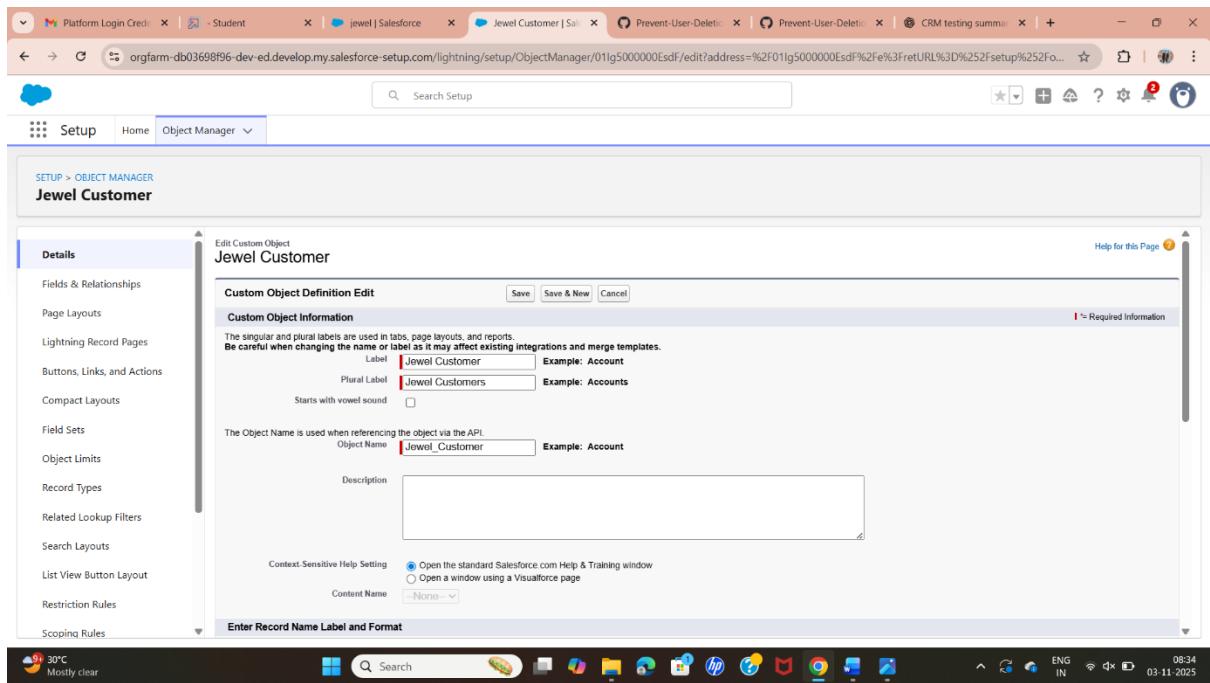
User Creation

The screenshot shows a Microsoft Edge browser window with multiple tabs open. The active tab displays the Salesforce Developer Edition sign-up form. The page has a dark blue header with the Salesforce logo and the text: "Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud." Below this, there's a section titled "Sign up for your Developer Edition." with a list of benefits:

- ✓ Build apps fast with drag-and-drop tools
- ✓ Go further with Apex code
- ✓ Build AI agents with Agentforce
- ✓ Harmonize your data with Data Cloud
- ✓ Ground Agentforce with structured and unstructured data
- ✓ Integrate with anything using APIs

The main form fields include "First name" (Rohini), "Last name" (N), "Job title" (Developer), "Work email" (rohini292005@gmail.com), "Company" (sri bharathi engineeri), and "Country/Region" (India). A note at the bottom states: "Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure." There's also a checkbox for agreeing to the "Main Services Agreement – Developer Services and Salesforce Program Agreement." A reCAPTCHA field is present at the bottom.

Customer object:



Parameter	Values
Model Summary	Creates a new user in the CRM Application for Jewel Management ensuring correct field validations, roles, and profile assignments.
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 with the 'Custom Tabs' page selected. The left sidebar includes sections like Feature Settings, Analytics, Tableau (with Tableau Embedding and Tableau UAF Claims Definition), User Interface (Console Settings, Loaded Console Tab Limit, Rename Tabs and Labels, and Tabs), and Global Search. The main content area displays 'Custom Tabs' with a table for 'Custom Object Tabs' containing five rows for Billings, Items, Jewel_Customers, Orders, and Prices, all labeled 'Bank'. Below this are sections for 'Web Tabs' (No Web Tabs have been defined) and 'Visualforce Tabs' (No Visualforce Tabs have been defined). The bottom status bar shows system information.

Item object:

The screenshot shows the Salesforce Setup interface with the 'Object Manager' page for the 'Item' object selected. The left sidebar lists various object settings like Details, Fields & Relationships, Page Layouts (selected), 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 displays 'Page Layouts' with three items: Item Layout, Page Layout for Gold, and Page Layout for Silver, each created by Rohini N. The bottom status bar shows system information.

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 Object Manager interface for the 'Billing' object. The 'Fields & Relationships' tab is selected. On the left, a sidebar lists various setup options like Page Layouts, Lightning Record Pages, and Field Sets. The main content area displays the 'Billing Id' field details. The field label is 'Billing Id', the data type is 'Auto Number', and the display format is 'Item-(00)'. Other visible fields include 'Field Label', 'Data Type', 'Description', 'Data Owner', 'Field Usage', 'Data Sensitivity Level', 'Compliance Categorization', and 'Name'. There are buttons for 'Set Field-Level Security' and 'View Field Accessibility'.

Jewel Customers

Recently Viewed

10 Items • Updated a few seconds ago

	Jewel Customer Name
1	Anjali Das
2	Karan Verma
3	Divya Mehta
4	Arjun Reddy
5	Neha Joshi
6	Sneha Kapoor
7	Vikram Singh
8	Priya Nair
9	Amit Patel
10	Rohit Sharma

Chart:

New Billings with Item Report

Sum of Total Amount: \$507

Gold/Silver Price

	Gold Price	Silver Price
Item-01	\$7k	\$56.00000
Item-02	\$6k	\$65.00000
Item-03	\$9k	\$78.00000
Item-04	\$10k	\$85.00000
Item-05	\$6k	\$89.00000
Item-06	\$8k	\$65.00000
Item-07	\$9k	\$67.00000

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.