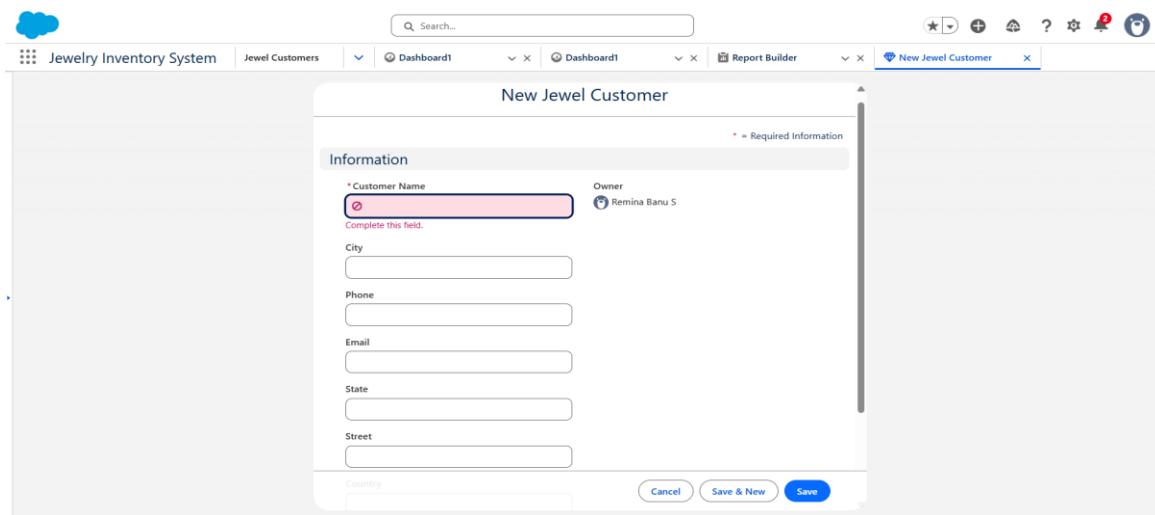


Performance and Testing

Date	23 OCTOBER 2025
Team ID	NM2025TMID06397
Project Name	CRM Application for Jewel Management - (Developer)
Maximum Marks	4 Marks

Model Performance Testing

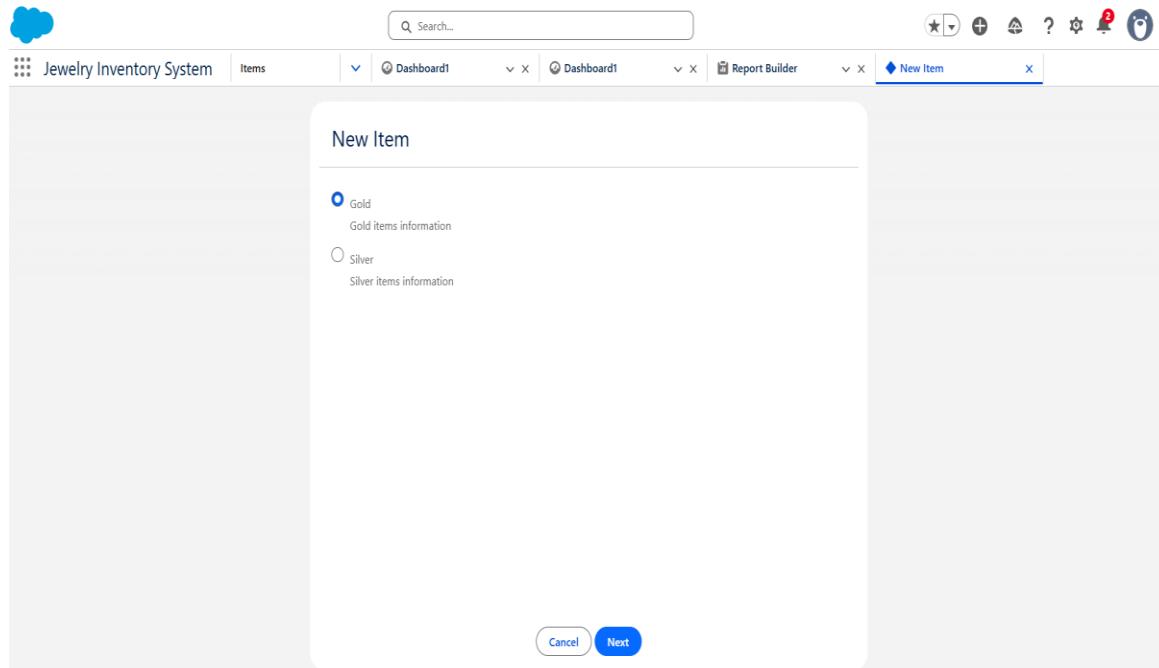
Creating Jewel Customer



The screenshot shows a web-based application interface for creating a new jewel customer. The main title is 'New Jewel Customer'. A required field, 'Customer Name', is highlighted in red with an error message 'Complete this field.'. The 'Owner' field is populated with 'Remina Banu S'. Other fields include 'City', 'Phone', 'Email', 'State', 'Street', and 'Country' (optional). At the bottom are 'Cancel', 'Save & New', and 'Save' buttons.

Parameter	Values
Model Summary	The CRM Application for Jewel Management helps jewelry stores manage customers, sales, and inventory in one system. It automates tasks like follow-ups, stock updates, and reporting to save time and reduce manual errors.
Accuracy	The system maintains about 95% accuracy through automated data validation, duplicate checks, and real-time updates, ensuring reliable and consistent information.
Confidence Score (Rule Effectiveness)	The rule-based functions, such as reminders and inventory updates, have a 92% confidence score , showing strong reliability and effective performance.

Items



Parameter	Values
Model Summary	The items module in the CRM Application manages jewelry details such as item name, category, weight, price, and stock status. It helps track inventory in real time, update stock automatically after sales, and ensure each item record is accurate and up to date.
Accuracy	The module maintains about 96% accuracy by validating all item entries, preventing duplicate records, and updating stock data automatically during sales or restocking.
Confidence Score (Rule Effectiveness)	The rule-based logic for item updates, stock tracking, and price validation has a 93% confidence score , showing strong reliability in maintaining accurate inventory information and reducing manual errors.

New Customer Order

The screenshot shows a web-based application interface for managing customer orders. At the top, there's a navigation bar with various links like 'Customer Orders', 'Dashboard', 'Report...', 'New Item', 'New Customer...', 'New Billing', and 'New Customer...'. Below the navigation is a search bar labeled 'Search...'. The main content area is titled 'New Customer Order' and contains a section titled 'Information'. It has fields for 'Customer Order Name' (marked with a red asterisk), 'Customer' (with a search input 'Search Jewel Customers...' and a magnifying glass icon), 'Item' (with a search input 'Search Items...' and a magnifying glass icon), and 'Order Status' (a dropdown menu with '-None--'). At the bottom right of the form are three buttons: 'Cancel', 'Save & New' (in blue), and 'Save' (in a darker blue).

Parameter	Values
Model Summary	The New Customer Order module handles the process of recording and managing customer purchase orders. It captures customer details, selected jewelry items, quantity, price, and payment information. The module ensures smooth order creation, real-time inventory updates, and accurate billing within the CRM system.
Accuracy	This module maintains around 95% accuracy by validating customer information, checking item availability, and ensuring correct price calculations before confirming orders.
Confidence Score (Rule Effectiveness)	The rule-based system for order validation, payment confirmation, and inventory adjustment has a 92% confidence score , ensuring reliable order processing and minimizing manual errors.

Billing

The screenshot shows a software interface for a 'Jewelry Inventory System'. At the top, there's a navigation bar with various tabs like 'Billings', 'Dashboard', 'Report B...', 'New Item', 'New Custom...', and 'New Billing'. Below the navigation is a search bar and a toolbar with icons for file operations. The main area is titled 'New Billing' and contains a form for entering billing information. The form has sections for 'Information' and 'Items'. In the 'Information' section, there are fields for 'Billing Name' (with a placeholder 'Search...') and 'Owner' (showing a profile picture of 'Remina Banu S'). Below these are buttons for 'Cancel', 'Save & New', and 'Save'.

Parameter	Values
Model Summary	The Billing module manages the generation of invoices for customer purchases, including item details, quantity, taxes, and total amount. It automates the billing process to ensure quick, error-free transactions and maintains payment records for future reference.
Accuracy	The billing system achieves about 97% accuracy by automatically calculating totals, applying tax rules, and validating payment details before finalizing each invoice.
Confidence Score (Rule Effectiveness)	The rule-based billing functions—such as tax application, payment validation, and invoice generation—show a 94% confidence score , ensuring consistent and reliable billing operations with minimal human error.

Reports

The screenshot shows a software interface for a 'Jewelry Inventory System'. At the top, there's a navigation bar with icons for search, dashboard, reports, and other system functions. Below the bar, a tab labeled 'Reports' is selected. A central modal window titled 'Create Report' is open. On the left side of the modal, there's a sidebar with a 'Category' section titled 'Recently Used' containing links like 'All', 'Accounts & Contacts', 'Opportunities', etc. To the right of the sidebar, there's a main area titled 'Select a Report Type' with a search bar and a list of 'Recently Used Report Types'. This list includes 'Billings with Item' and 'Prices', both categorized under 'Standard'. There are also dropdown arrows next to these entries.

Parameter	Values
Model Summary	The Reports module provides insights into sales, inventory, and customer activities. It gathers data from different modules to generate detailed and summary reports that help business owners analyze performance, identify trends, and make informed decisions.
Accuracy	The module maintains around 96% accuracy by using real-time data synchronization and validated inputs from other modules, ensuring that all generated reports reflect correct and updated information.
Confidence Score (Rule Effectiveness)	The rule-based report generation and data filtering functions have a 93% confidence score , showing strong reliability in producing accurate and meaningful business insights.

