HandsMen Threads: Elevating the Art of Sophistication in Men's Fashion

Documentation for the Salesforce Developer

Virtual Internship Program Capstone

Reycel John Emmanuel Carcueva

Asia Pacific College

1. Overview

This project report details the creation of a customized Salesforce Customer Relationship Management (CRM) system developed for HandsMen Threads, a rising brand in the men's fashion industry. The project was initiated to streamline the company's expanding operations and address challenges in managing customer relationships, processing orders, tracking inventory, and executing targeted marketing campaigns.

The system utilizes the Salesforce platform to automate essential workflows, uphold data accuracy, and deliver real-time operational insights. Through the integration of Salesforce features such as custom objects, automation flows, validation mechanisms, standardized email templates, and Apex programming HandsMen Threads now operates within a unified environment that enhances productivity and strengthens customer engagement.

With this solution, operational challenges like inconsistent communication, inventory discrepancies, and scattered data have been replaced by a centralized and intelligent CRM ecosystem. Employees can now access accurate customer and product data instantly, while marketing teams can track and evaluate campaign performance with ease.

In essence, the implemented CRM system establishes a solid digital foundation for business growth, informed decision-making, and stronger customer loyalty, enabling HandsMen Threads to compete more effectively in a dynamic retail market.

2. Objectives

The primary goal of this project was to design and implement a Salesforce-based CRM solution that streamlines HandsMen Threads' core business operations while elevating the overall customer experience. Beyond optimizing daily processes, the project aimed to build a scalable, future-ready platform capable of supporting the company's continued growth and digital transformation.

The objective of this project is to design and implement a scalable Salesforce solution that centralizes all business data, enforces data integrity directly from the user interface, and automates key business processes to improve customer experience and operational efficiency. Specifically, the solution delivers automated order confirmations, a dynamic loyalty program driven by purchase history, proactive stock alerts when inventory runs low, and scheduled bulk order updates that reconcile finances and inventory each night.

Collectively, these objectives guided the development of a CRM system that integrates operational efficiency with customer-centric functionality—establishing a solid foundation for HandsMen Threads' long-term success and adaptability.

3. Documentation

3.1. Salesforce Platform

Salesforce served as the backbone of the solution, functioning as a unified cloud-based CRM platform that streamlined customer management, sales, service, and marketing operations. Its adaptable architecture empowered HandsMen Threads to tailor the system to their specific needs—leveraging low-code tools like Flows, Lightning App Builder, and declarative setup for rapid customization, while employing Apex classes and triggers to handle more complex, logic-driven processes.

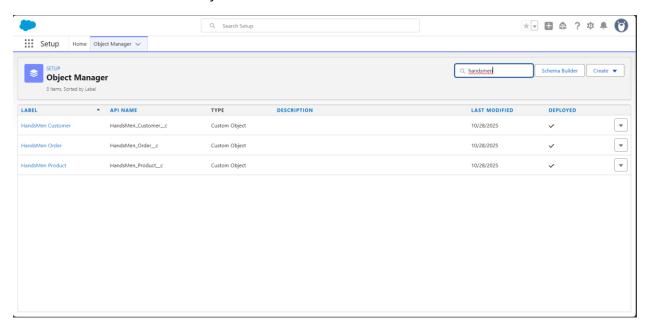
3.2 Custom Objects

Custom objects were designed to model the core data entities that drive HandsMen Threads' business processes. These objects form the structural framework of the CRM:

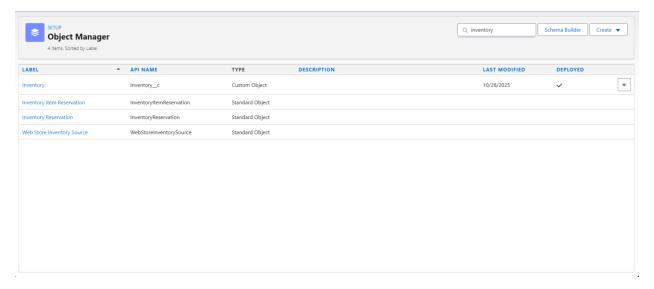
HandsMen_Customer__c: Centralizes all customer information, including contact details, personal data, and loyalty program records, allowing the company to maintain a complete view of customer relationships and engagement.

HandsMen_Product__c: Serves as the digital product catalog, containing essential details such as descriptions, pricing, and inventory quantities to support sales and marketing operations.

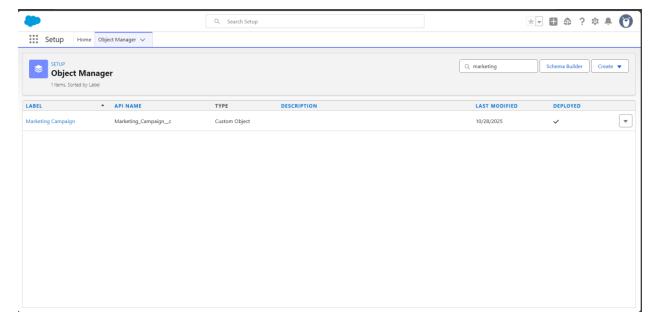
HandsMen_Order__c: Captures every purchase transaction, connecting customers and products through detailed records of order dates, quantities, and total amounts—providing an accurate trail of sales activity.



Inventory_c: Oversees product stock levels, facilitating real-time tracking, automated replenishment, and low-stock notifications to ensure availability and operational efficiency.

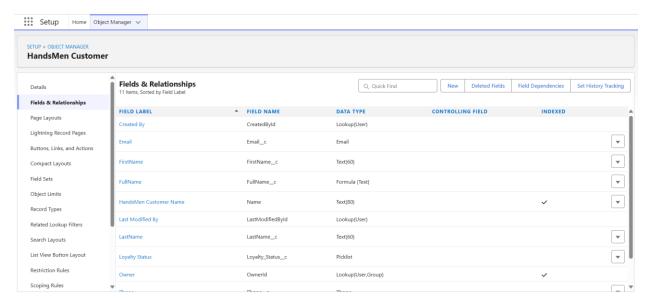


Marketing_Campaign__c: Tracks marketing initiatives and promotional campaigns, enabling performance analysis and helping the team assess their impact on customer behavior and revenue growth.

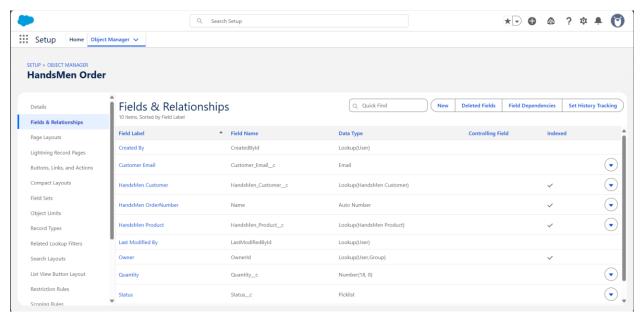


3.3 Custom Fields and Relationships

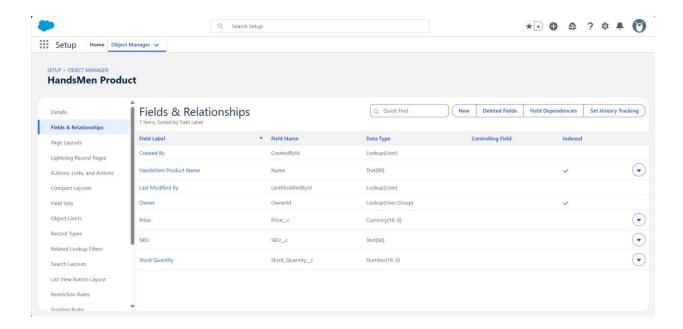
HandsMen Customer_c: Name (Record Name), Email (Email), Phone (Phone), Loyalty_Status_c (Picklist: Bronze, Gold, Silver) Total_Purchases_c (Number)



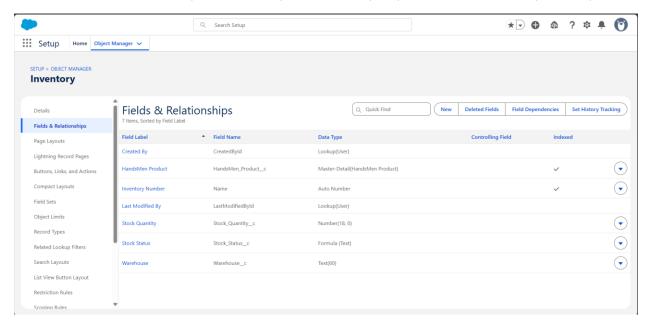
HandsMen Order_c: Order_Number (Record Name), Status (Picklist: Pending, Confirmed, Rejection), Quantity_c (Number), Total_Amount_c(Number)



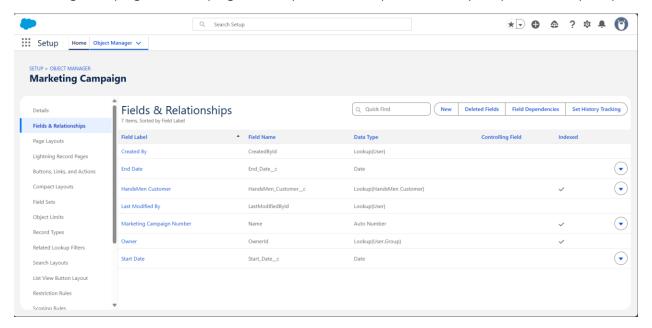
HandsMen Product_c: Name (Record Name), SKU (Text), Price (Currency), Stock_Quantity_c (Number)



Inventory_c: Auto Number (Record Name), Warehouse (Text), Stock_Quantity_c (Number)

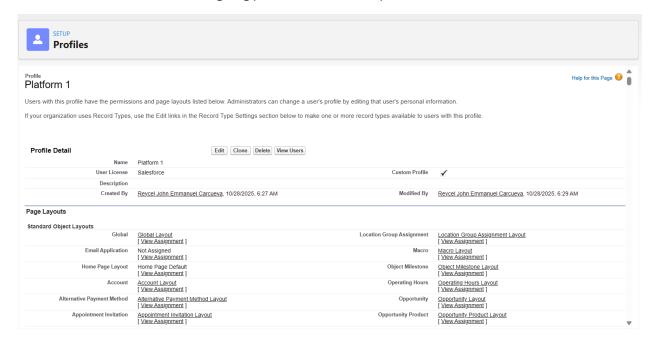


Marketing_Campaign_c: Campaign_Name (Record Name), Start_Date (Date), End_Date (Date)

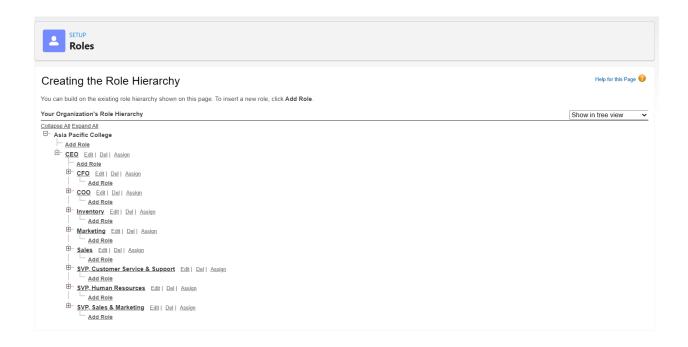


3.4 Profiles, Roles and Users

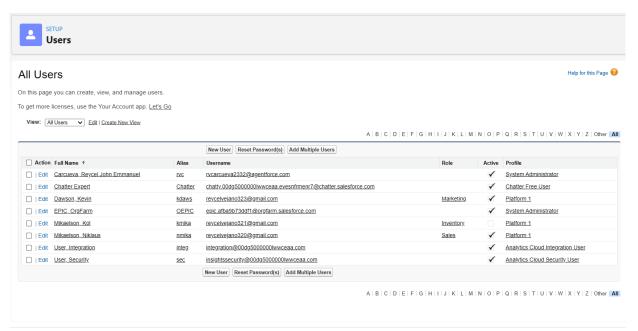
Profiles: Defined the fundamental access rights for each user, such as which objects and fields they could view or modify. I duplicated the "Standard User" profile to create customized ones like *HandsMen Sales Profile*, aligning permissions with departmental needs.



Roles: Established a clear data visibility hierarchy, ensuring that access levels reflected organizational structure. Three primary roles—*Sales*, *Inventory*, and *Marketing*—were configured to report directly to the CEO.



Users: Demonstrated Salesforce's multi-user environment by setting up example users such as Niklaus Mikaelson (Sales), Kol Mikaelson (Inventory), and Daniel Mikaelson (Marketing), each assigned to their respective profiles and roles for realistic system testing.

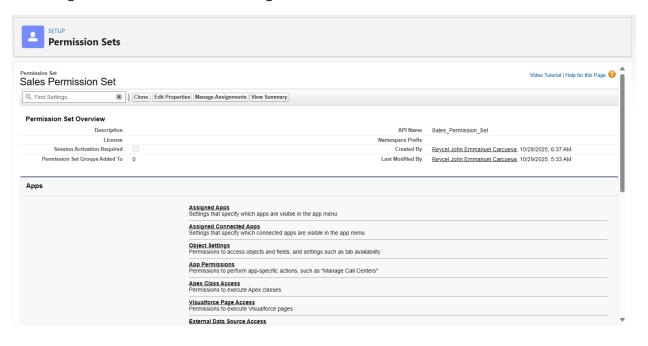


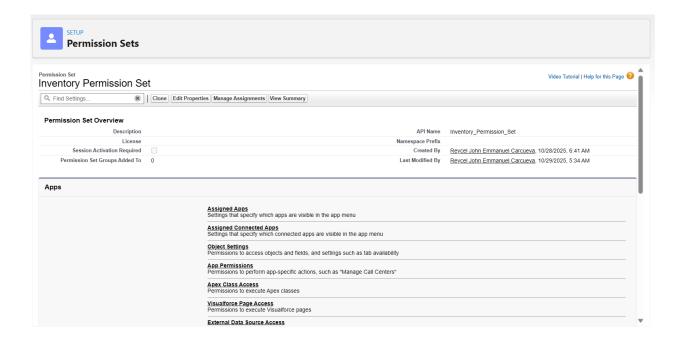
3.5 Permission Sets

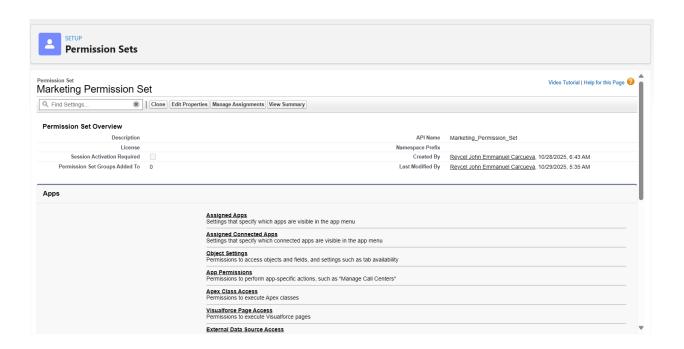
These functioned as supplementary access controls, providing users with additional privileges for specialized tasks without modifying their primary profiles.

Sales Permission Sets: For Sales Rols

Inventory Permission Sets: For Inventory Role Marketing Permission Sets: For Marketing Role

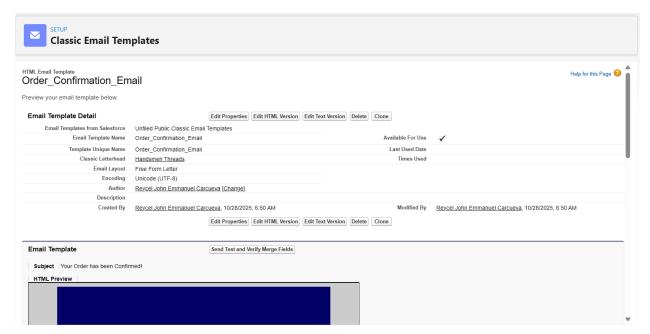




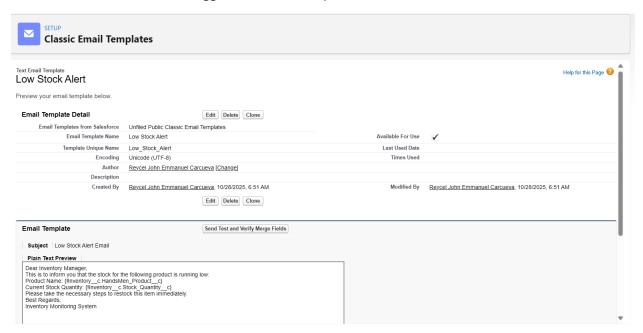


3.6 Email Templates

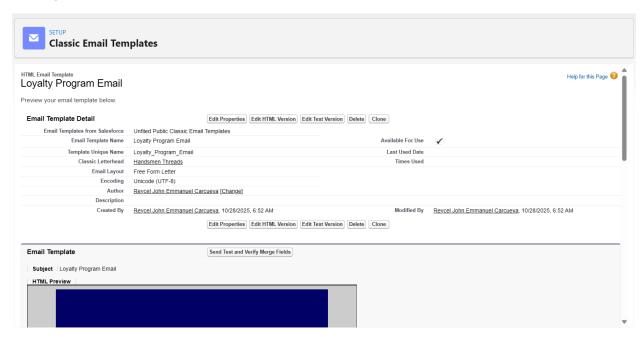
Order_Confirmation_Email: Trigger when updating order status from 'Pending' to 'Confirmed'



Low Stock Alert: Record triggered whenever a product is in low stock.

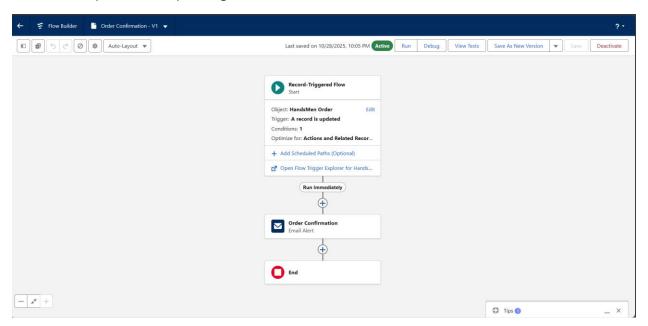


Loyalty Program: Loyalty program email which keeps a customer update on their loyalty program.

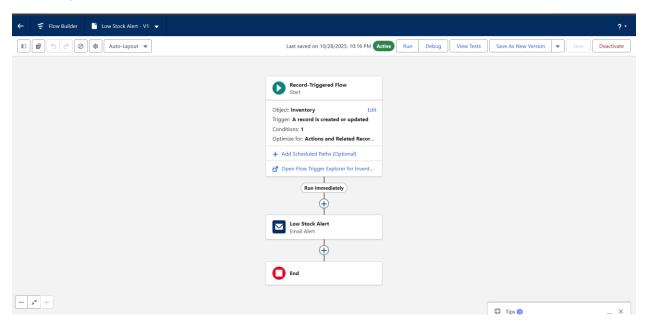


3.7 Flows

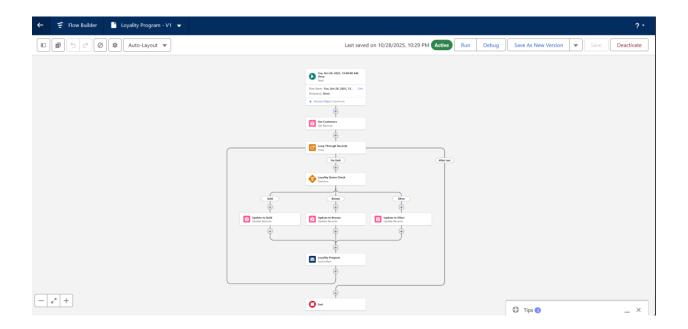
Order Confirmation: Order Confirmation flow which is record triggered whenever an order status is updated from pending to confirmed.



Low Stock Alert: Record triggered whenever a product is in low stock notifies inventory manager.



Loyalty Program: A scheduled trigger which that runs daily where it checks the total amount of stock the customer purchased and updates their loyalty status to gold, silver or bronze automatically.



3.8. Apex Code

In areas where declarative tools could not fully meet the business requirements, I utilized Apex code to implement advanced logic and process automation.

I created an OrderTriggerHandler class to validate order quantities based on their status, along with an OrderTrigger that executes this logic before insert and update operations. This ensured that all order entries adhered to defined business rules automatically.

To further enhance efficiency, I developed an InventoryBatchJob class designed to replenish stock levels whenever quantities fell below ten. The job was scheduled to run daily using the System.schedule method, maintaining inventory accuracy without requiring manual intervention.

4. Conclusion

The Salesforce CRM solution developed for HandsMen Threads marks a major advancement in how the company oversees its core operations. By integrating customer management, order processing, inventory tracking, and marketing campaigns into one unified system, the platform delivers both functionality and scalability.

With the addition of automated Flows, Apex-driven logic, and robust validation rules, HandsMen Threads benefits from improved operational accuracy, faster response times, and enhanced customer satisfaction.

Overall, the system establishes a strong digital foundation for sustainable growth—empowering the company to work smarter, adapt quickly, and deliver more personalized and efficient services to its customers.