# **HandsMen Threads - Salesforce CRM Implementation**

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

### **ABSTRACT**

This project presents the implementation of a customized Salesforce CRM solution for HandsMen Threads, a premium men's fashion and tailoring brand. The objective was to streamline business operations, enhance customer engagement, and maintain data integrity across departments. The solution involves designing a robust data model featuring five key custom objects: Customer, Order, Product, Inventory, and Marketing Campaign. Business processes were automated using Record-Triggered Flows, Scheduled Flows, Email Alerts, and Apex to handle order confirmations, loyalty status updates, and proactive stock alerts. To ensure clean and reliable data, validation rules were established, and a role-based security model was implemented for the Sales, Inventory, and Marketing teams. The solution also includes a scheduled batch job using Apex to update low stock quantities. This end-to-end CRM implementation improves customer experience through personalized communication, ensures operational efficiency with automation, and lays a scalable foundation for future business growth using the Salesforce Platform.

## **OBJECTIVE**

The main objective of this project is to develop and implement a customized Salesforce CRM solution for HandsMen Threads to streamline core business operations, maintain data integrity, and enhance customer satisfaction.

By building a centralized system to manage customers, orders, products, inventory, and marketing campaigns, the project aims to:

- Automate key processes such as order confirmations, loyalty status updates, and stock alerts.
- Ensure accurate and consistent data entry using validation rules.
- Enable real-time visibility of inventory and customer interactions.
- Improve internal team coordination through role-based access control.
- Deliver personalized customer experiences through targeted communication and loyalty programs.

## TECHNOLOGY DESCRIPTION

#### **Salesforce:**

Salesforce is a cloud-based Customer Relationship Management (CRM) platform that helps businesses manage customer data, automate processes, and improve service, marketing, and sales operations. It provides point-and-click tools as well as programmatic capabilities (like Apex and Flows) to build custom business solutions.

## **Custom Objects:**

Objects in Salesforce are like tables in a database. Custom Objects are created to store specific data.

## Example:

- Customer Stores customer info
- Product Stores product details
- Order Stores orders

#### Tabs:

Tabs are used to display object data in the Salesforce UI.

Example: A tab for Product allows users to easily view and manage products.

## **Custom App:**

An App in Salesforce is a collection of tabs grouped together for a specific business purpose.

#### **Profiles:**

Profiles define what a user can see, do, and edit in Salesforce. It controls object permissions, field access, and more.

#### **Roles:**

Roles control the data visibility in Salesforce's role hierarchy. It's used for sharing settings and reporting.

## **Permission Sets:**

Permission Sets grant additional permissions to users without changing their profile.

#### **Validation Rules:**

Validation Rules ensure data entered meets business criteria.

Example:

- Email must contain @gmail.com
- Stock cannot be negative

## **Email Templates:**

Predefined formats for sending emails to customers or users.

Example: 'Order Confirmation' template

#### **Email Alerts:**

Email Alerts are actions in Flows or Workflow Rules that send emails using predefined templates.

Example: When a loyalty level changes, an email is sent to the customer.

#### Flows:

Flows automate business logic without code. They can create, update, or send notifications.

Example: Flow triggers email alerts on new order.

### Apex:

Apex is Salesforce's object-oriented programming language. It allows developers to write custom logic.

Example Triggers:

- Update Total Amount in orders
- Reduce inventory stock

#### **Use Case: HandsMen Threads**

HandsMen Threads, a fashion industry leader, is undergoing a Salesforce transformation to:

- Centralize business data through a robust data model
- Ensure data accuracy via validation from the user interface
- Enhance **customer engagement** and **operational efficiency** using automation

## **Business Goals Implemented in the Project**

- Automated Order Confirmations
- Send confirmation emails to customers upon order creation.
- Dynamic Loyalty Program

• Update customer loyalty tiers based on purchase amounts.

• Proactive Stock Alerts

• Notify the warehouse team when inventory falls below threshold.

• Scheduled Bulk Order Updates

• Process pending bulk orders every midnight and update stock + financials

What You'll Learn

• Data Modelling

• Data Quality (Validation + Relationships)

• Lightning App Builder

• Record-Triggered Flows

• Apex and Apex Triggers

• Asynchronous Apex (Batch Jobs)

**Lightning App – HandsMen Threads** 

The Lightning App named "HandsMen Threads" was created to provide users with a clean and focused interface for managing all business operations related to customers, products, orders, inventory, and

campaigns.

**App Configuration** 

• **App Name:** HandsMen Threads

• **App Type:** Lightning App

• Navigation Style: Standard Navigation

• Tabs Included:

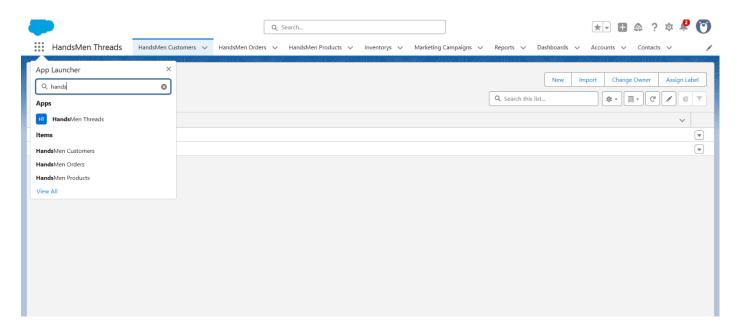
HandsMen Customer

HandsMen Product

HandsMen Order

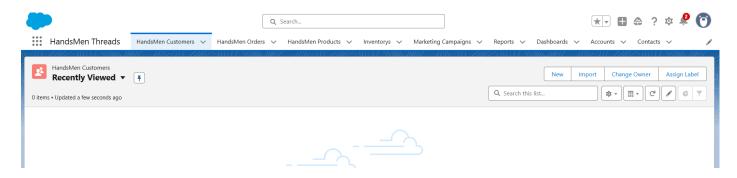
Inventory

## Marketing Campaign



## **App Navigation – Tabs View**

Shows the app UI with all the configured tabs visible in the navigation bar:



#### **Automation Flows - HandsMen Threads**

This file documents the three automation flows configured to enhance operations in the HandsMen Threads Salesforce org.

## **Order Confirmation Flow (Record-Triggered)**

Trigger Object: HandsMen\_Order\_\_c

**Trigger Condition**: When a record is updated AND Status\_c = "Confirmed"

**Frequency**: Only when a record is updated to meet the condition

Action: Send email alert to customer

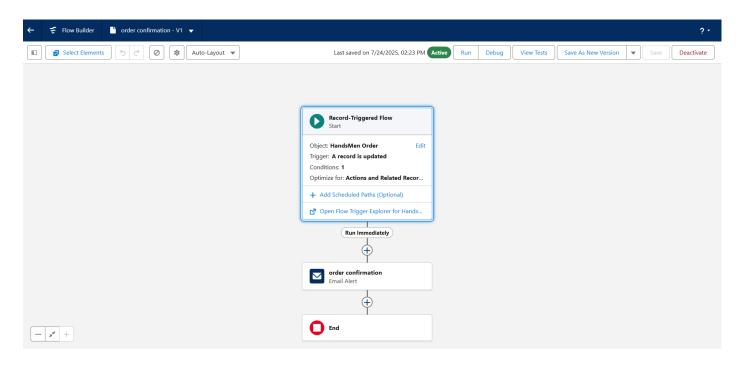
### Flow Steps:

- 1. Record-Triggered Flow → Object: HandsMen\_Order\_\_c
- 2. Triggered when Status\_c becomes "Confirmed"

3. Action  $\rightarrow$  Send Email Alert  $\rightarrow$  Template: *Order Confirmation Email* 

4. Label: Send Order Confirmation Email

5. Record ID: {\$Record.Id}



## **Stock Alert Flow (Record-Triggered)**

**Trigger Object**: Inventory\_\_c

**Trigger Condition**: When a record is created or updated AND Stock\_Quantity\_\_c < 5

Frequency: Every time a record is created/updated and meets the condition

Action: Send email alert to warehouse manager

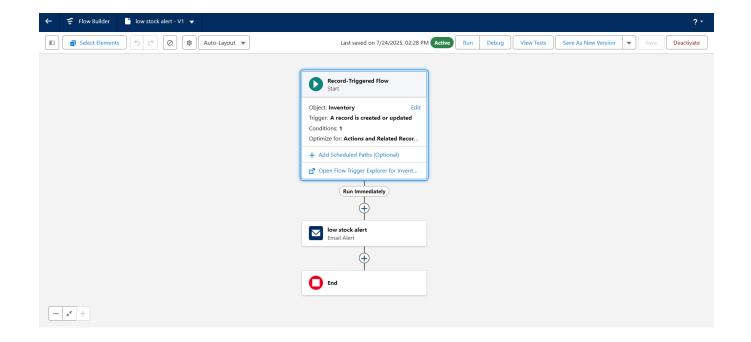
## Flow Steps:

1. Record-Triggered Flow → Object: Inventory\_c

2. Trigger: Created/Updated  $\rightarrow$  Condition: Stock\_Quantity\_c < 5

3. Action → Send Email Alert → Recipient: Inventory Manager

4. Email Alert: Stock Alert Email Template



## **Loyalty Status Update Flow (Scheduled Flow)**

Trigger: Scheduled – Daily

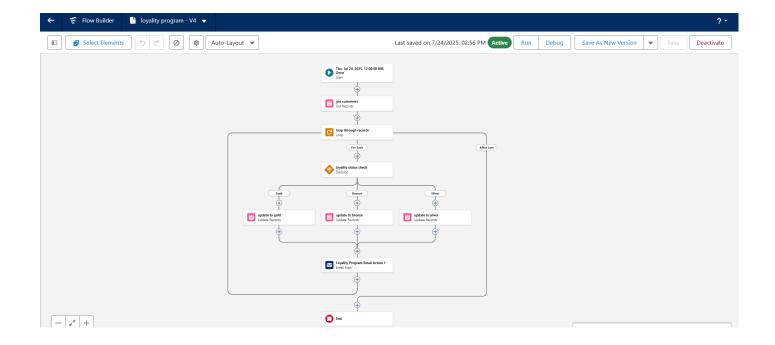
**Object**: HandsMen\_Customer\_\_c

**Purpose**: Update Loyalty\_Status\_\_c daily based on Total\_Purchases\_\_c

**Logic:** 

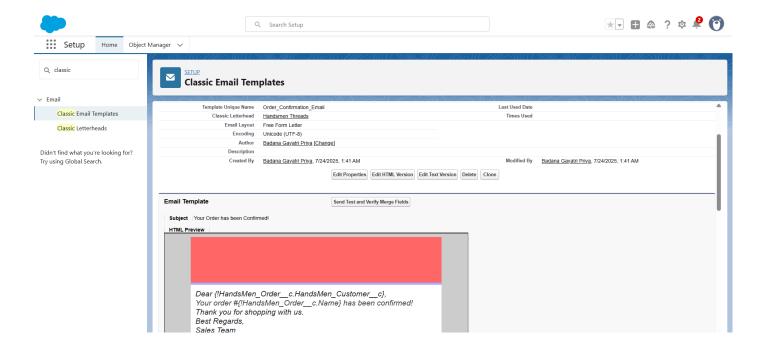
## **Flow Structure:**

- 1. **Get Records**  $\rightarrow$  All customers
- 2. **Loop**  $\rightarrow$  Through each customer
- 3. **Decision**  $\rightarrow$
- 4.  $> 1000 \rightarrow Gold$
- 5.  $< 500 \rightarrow Bronze$
- 6. Else  $\rightarrow$  Silver
- 7. **Update Records** → Set appropriate Loyalty\_Status\_c per branch

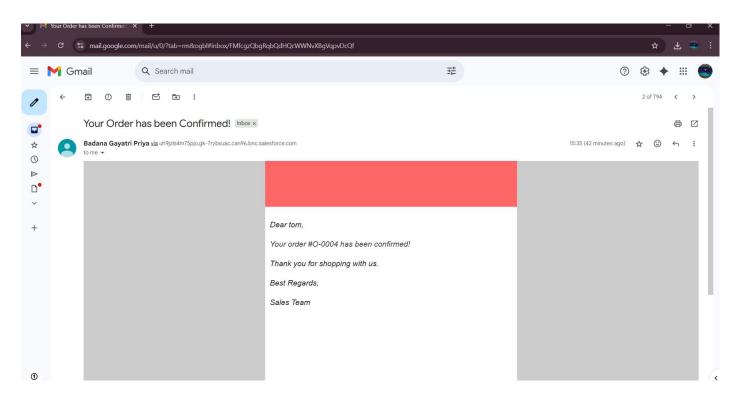


## **Email Templates & Alerts – HandsMen Threads**

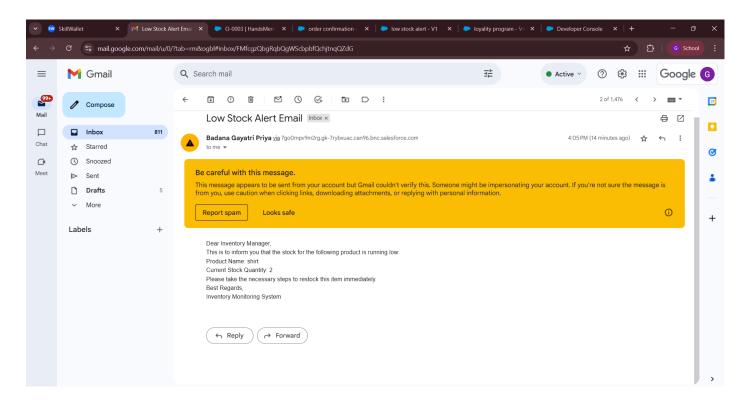
This document outlines the email templates and alerts configured as part of the automation for improved customer and internal communication.



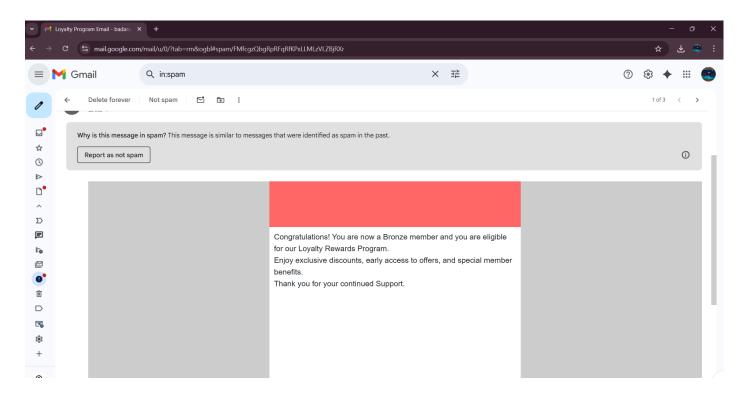
### **Email: Order Confirmation**



### **Email: Low Stock Alert Email**



## **Email: Loyality Status Email**

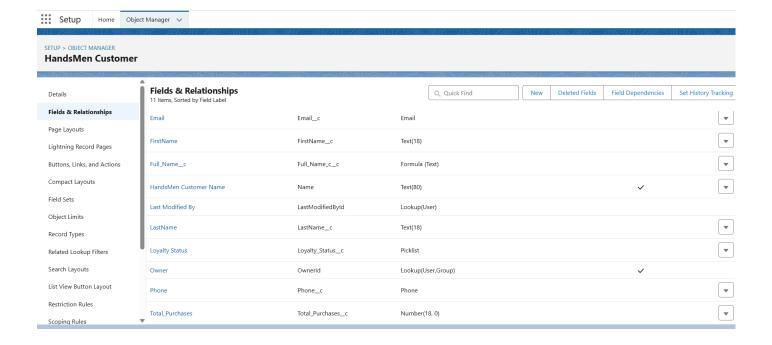


# **Custom Object Fields – HandsMen Threads**

This document outlines all key fields created under each custom object in Salesforce for the HandsMen Threads project.

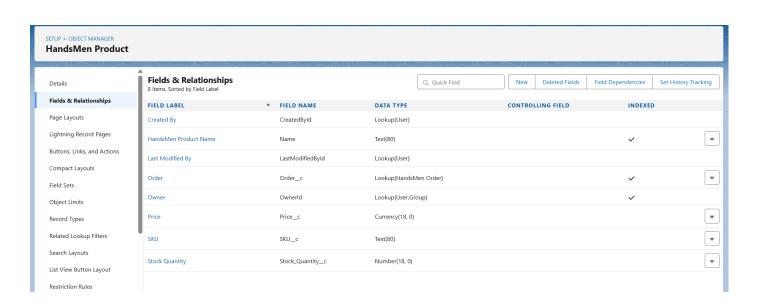
### **HandsMen Customer**

Field Label	Type	Notes
Email	Email	_
Phone	Phone	
Loyalty_Statusc	Picklist	Bronze, Silver, Gold
Total_Purchasesc	Number	_



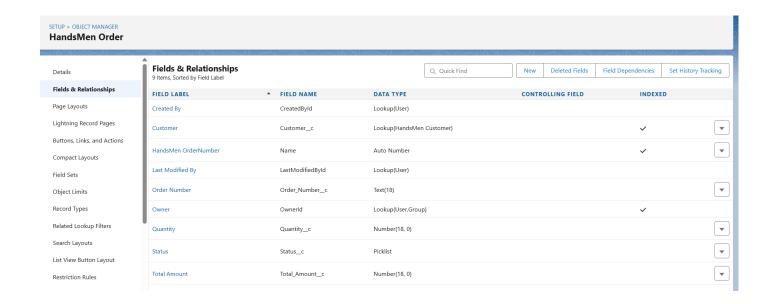
### **HandsMen Product**

Field Label	Туре
SKU	Text
Price	Currency
Stock_Quantityc	Number



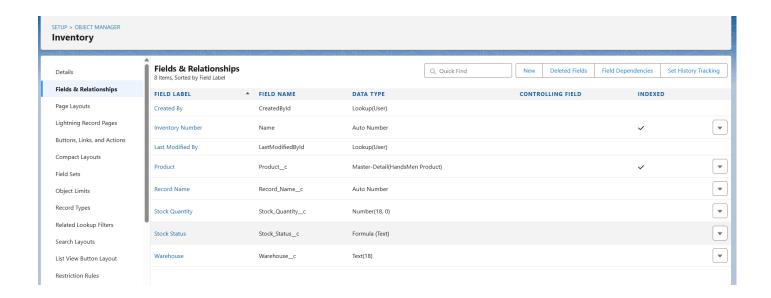
## HandsMen Order

Field Label	Туре
Order_Number (Record Name)	Text
Status	Picklist
Quantityc	Number
Total_Amountc	Number



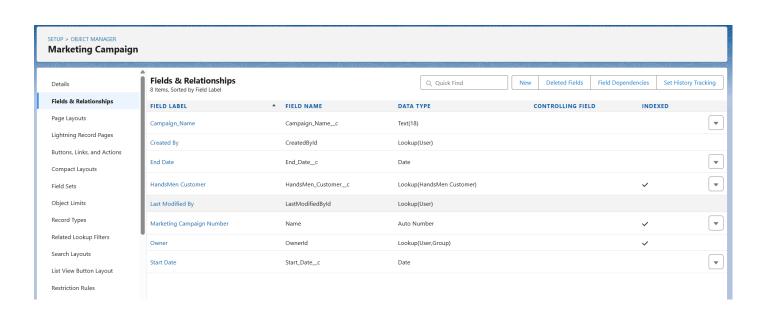
# **Inventory**

Field Label	Туре
Auto Number (Record Name)	Auto Number
Warehouse	Text
Stock_Quantityc	Number



## **Marketing Campaign**

Field Label	Туре
Campaign_Name (Record Name)	Text
Start_Date	Date
End_Date	Date



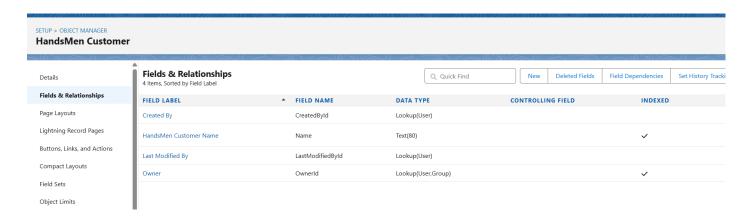
## **Custom Objects – HandsMen Threads**

Below are the custom objects created in the Salesforce Developer Org for HandsMen Threads:

## 1. HandsMen Customer

Object to store customer data such as:

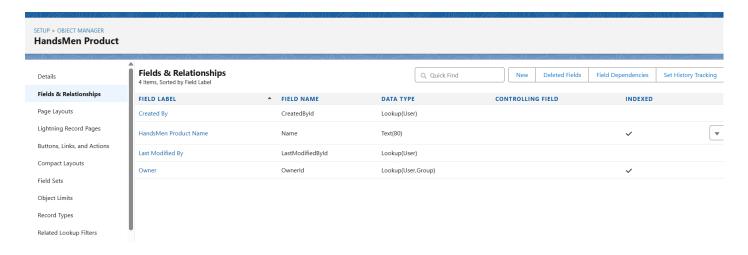
- 1. Full Name
- 2. Email
- 3. Phone Number
- 4. Loyalty Tier
- 5. Total Purchase Amount



### 2. HandsMen Product

Used to manage product listings:

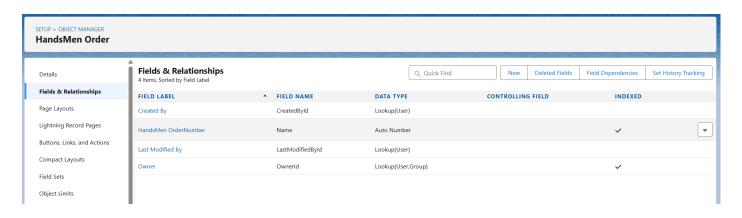
- 1. Product Name
- 2. Category
- 3. Price
- 4. SKU
- 5. Stock Quantity



### 3. HandsMen Order

Used to capture orders placed by customers:

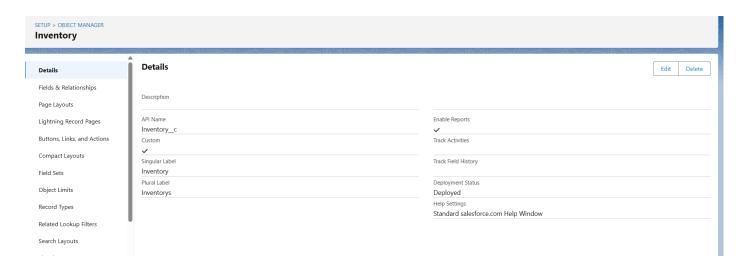
- 1. Order ID
- 2. Customer (Lookup)
- 3. Product (Lookup)
- 4. Quantity
- 5. Total Amount
- 6. Order Date



## 4. Inventory

Tracks current stock levels:

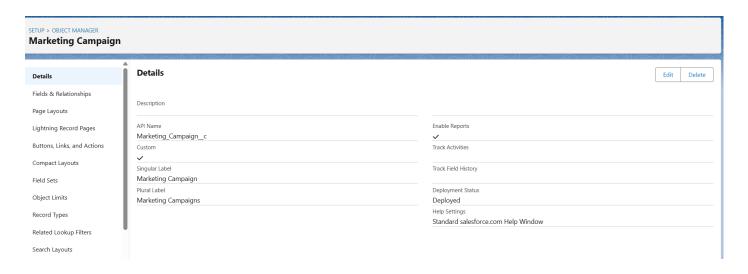
- 1. Product (Lookup)
- 2. Available Stock
- 3. Reorder Threshold
- 4. Last Restock Date



## 5. Marketing Campaign

Used for campaign planning and tracking:

- 1. Campaign Name
- 2. Target Audience
- 3. Start Date
- 4. End Date
- 5. Budget
- 6. Status



#### **Custom Tabs – HandsMen Threads**

To ensure easy access and navigation for end users, custom tabs were created for each of the following custom objects:

- 1. HandsMen Customer
- 2. HandsMen Product

- 3. HandsMen Order
- 4. Inventory
- 5. Marketing Campaign

These tabs allow users to view, create, and manage records directly from the navigation menu in the Lightning App.

### Validation Rules - HandsMen Threads

This document outlines the key validation rules implemented to maintain data integrity across custom objects in the Salesforce HandsMen Threads project.

#### HandsMen Order

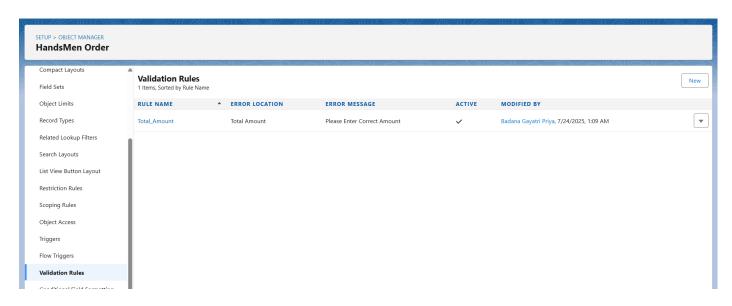
**Object:** HandsMen\_Order\_\_c

Field: Total\_Amount\_\_c

**Purpose:** Prevent saving orders with total amount less than or equal to zero.

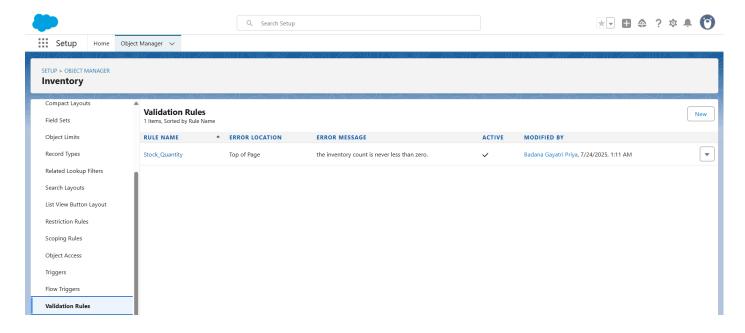
### **Validation Rule:**

 $Total\_Amount\_\_c \le 0$ 



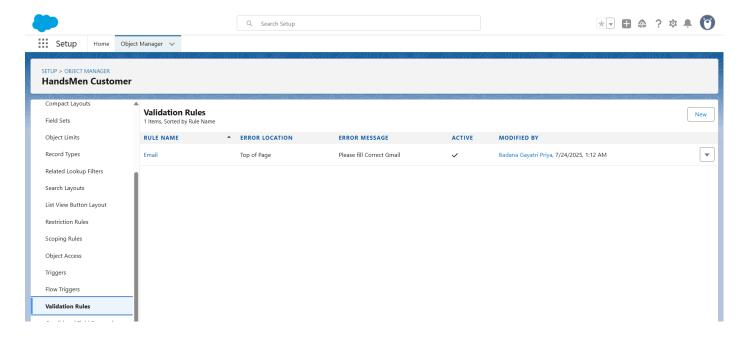
Inventory Object: Inventory\_c Field: Stock\_Quantity\_c Purpose: Prevent saving inventory records with zero or negative stock values.

Validation Rule: Stock\_Quantity\_\_c <= 0



HandsMen Customer Object: HandsMen\_Customer\_\_c Field: Email Purpose: Ensure that only Gmail addresses are allowed for customer emails.

Validation Rule: NOT CONTAINS(Email, "@gmail.com")



## **Profile Setup – HandsMen Threads**

This document outlines the steps taken to configure a custom profile with appropriate object-level access for the HandsMen Threads project.

**Profile: Sales** 

### **Steps Taken:**

- 1. Go to **Setup**  $\rightarrow$  **Profiles**
- 2. Cloned the profile: Custom: Sales Profile

- 3. Renamed it to: **Platform 1**
- 4. Clicked **Edit** on the new profile
- 5. Under Custom Object Permissions, provided access to:

Object	Read	Create	Edit
HandsMen Product	~	<b>✓</b>	<b>✓</b>
Inventory	<b>✓</b>	<b>✓</b>	<b>✓</b>

Saved the changes

## Role Hierarchy - HandsMen Threads

This document outlines the role hierarchy created in Salesforce to manage data access across key departments: Sales, Inventory, and Marketing.

## **Roles Created**

Role Name	Description
Sales	Users handling customer interactions and orders
Inventory	Warehouse and stock management users
Marketing	Users managing campaigns, offers, and promotions

## **Steps to Create Roles**

- 1. Go to **Setup**
- 2. Search for **Roles** in the Quick Find box
- 3. Click **Set Up Roles**
- 4. Click **Add Role** under **CEO**

#### 5. Create roles:

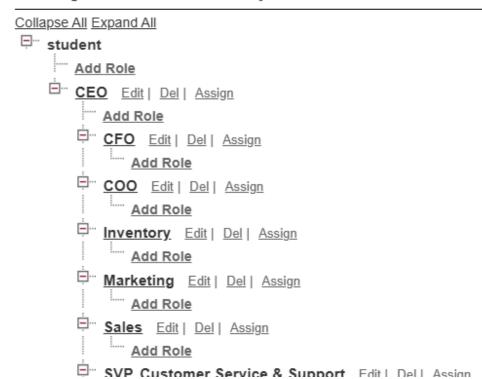
Field	Value
Role Name	Sales
Role Name	Inventory
Role Name	Marketing

Save each role after creation

# Creating the Role Hierarchy

You can build on the existing role hierarchy shown on this page. To insert a new role, click Add Role.

## Your Organization's Role Hierarchy



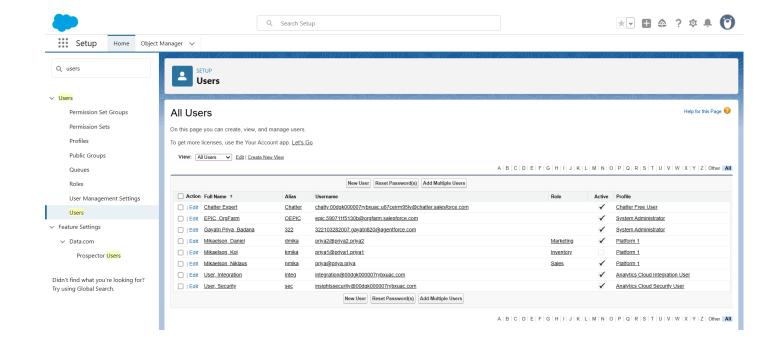
Role-based access control is now in place to maintain data segregation across different departments.

## **User Setup – HandsMen Threads**

This document lists the Salesforce users created for the project and their assigned profiles and roles.

### **Users Created**

First Name	Last Name	Username	Profile	Role
Niklaus	Mikaelson	priya@priya.priya	Sales	Sales
Kol	Mikaelson	priya1@priya1.priya1	Platform1	Inventory
Daniel	Mikaelson	Priya2@priya2.priya2	Platform1	Inventory



## **Permission Set – HandsMen Threads**

This document describes the configuration of the custom permission set used to grant object-level access to users with restricted profiles.

## Permission Set: Permission\_Platform\_1

### **Purpose:**

To grant full access (read, create, edit, delete) to key custom objects required by Platform 1 users (e.g., Niklaus).

# **Object Permissions Granted**

Object	Read	Create	Edit	Delete
HandsMen Customer	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
HandsMen Order	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>

Note: Standard objects like Order were excluded due to the Salesforce Platform license limitation.

# **Assigned To**

Username	Profile	Role
Niklaus	Platform 1	Sales

# **Summary**

- 1. Permission set successfully created and assigned
- 2. Users can fully interact with necessary custom objects
- 3. Validated under the Salesforce Platform license without errors

### Conclusion

The HandsMen Threads Salesforce CRM implementation delivers a powerful and scalable solution to streamline men's fashion tailoring operations. By leveraging Salesforce's declarative and programmatic features, the project effectively addressed key business challenges and achieved the following outcomes:

- Centralized and structured data model for seamless business tracking
- Enhanced customer experience through automated communication and loyalty updates
- Inventory efficiency with real-time alerts and scheduled batch updates
- Strong role-based access control to ensure secure data handling across teams
- Reusable flows, validations, and templates that support scalability and future expansion

Overall, this CRM transformation positions HandsMen Threads for operational excellence and sustained growth in the competitive fashion industry.