

Flores, Ethan Zander L.

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

Project Overview

HandsMen Threads, an emerging leader in men's fashion, is undertaking a Salesforce CRM transformation to centralize business data, streamline operations, and elevate customer engagement. The system is designed with a robust and scalable data model capable of managing orders, inventory, customers, and loyalty programs. This solution ensures data integrity directly from the UI, enabling smooth operations and accurate reporting. The CRM also introduces automation for order confirmations, stock notifications, loyalty status updates, and scheduled bulk processing—allowing the business to operate with increased precision and efficiency.

Objectives

The primary objective of this Salesforce CRM project is to modernize and automate the operational workflow of HandsMen Threads. The CRM aims to improve customer experience, strengthen inventory control, and provide real-time insights to decision-makers. It minimizes manual tasks by using automated communication processes while maintaining strict consistency and data accuracy across the organization. This system will enable the business to scale effectively, ensure proactive operations, and enhance customer loyalty through personalized interactions.

Requirements Analysis & Planning

Understanding Business Requirements

- Centralized storage of customer, order, product, and inventory data.
- Automated communication with customers and internal departments.
- Maintaining data accuracy through validation directly from the UI.
- Tracking loyalty status based on purchase history.
- Ensuring proactive stock management to avoid product shortages.
- Performing scheduled bulk financial and stock updates.

Defining Project Scope and Goals

In Scope:

- Creation of custom objects for Orders, Products, Loyalty, and Inventory.
- Automation using Flows, Email Alerts, Scheduled Flows, and Validation Rules.
- UI customization for enhanced usability.
- Role-based access to ensure proper data visibility.
- Reports & dashboards for operational insights.

Out of Scope:

- External system integrations (POS, ERP).
- Mobile app development.

Designing the Data Model & Security Model

Data Model Components

- **Customer Object:** Stores customer demographics, loyalty level, and purchase history.
- **Order Object:** Tracks order quantities, order statuses, pricing, and delivery details.
- **Product & Inventory Objects:** Maintains stock levels, product details, and stock thresholds.
- **Loyalty Program Object:** Calculates and stores loyalty tiers and corresponding perks.

Security Model Components

- Profiles and Permission Sets for Customer Service, Sales, Warehouse, and Admin.
- Role Hierarchy to control record visibility based on department.
- Validation Rules enforcing correct data entry and record integrity.

Stakeholder Mapping

Stakeholder	Role	Responsibility
Business Owner	Sponsor	Approves scope, reviews outcomes
Sales Team	End Users	Manages customer orders
Customer Service	End Users	Handles inquiries and loyalty programs
Warehouse Team	End Users	Receives stock alerts and updates inventory
Salesforce Admin	Developer	Builds configurations, automations, and security

Execution Roadmap

1. Requirement Gathering & Review
2. Data Model Design
3. Backend & UI Customizations
4. Automation Build (Flows, Alerts, Scheduled Jobs)
5. Testing & User Acceptance
6. Deployment to Production
7. Documentation & Knowledge Transfer

Salesforce Development – Backend & Configurations

Environment Setup & DevOps Workflow

- Sandbox environment creation
- Version-controlled development
- Deployment using Change Sets

Customizations Implemented

- Custom Objects: Customer, Order, Product, Inventory, Loyalty
- Custom Fields for stock threshold, loyalty points, order amount, etc.
- Validation Rules ensuring accurate data entry (e.g., no negative stock, mandatory order fields).
- Automation using **Record-Triggered Flows**, **Scheduled Flows**, and **Email Alerts**.

Key Automations Implemented

1. **Automated Order Confirmation Email**
 - Trigger: Order Status = “Confirmed”
 - Action: Sends branded email template to customer.
2. **Dynamic Loyalty Program Updates**
 - Trigger: After every successful purchase
 - Logic: Calculates customer's total spending, updates loyalty tier.
3. **Proactive Stock Alert**
 - Trigger: Stock < 5 units
 - Action: Email notification to warehouse for restocking.
4. **Scheduled Bulk Order Update**
 - Frequency: Every midnight
 - Process: Recalculates order totals, updates financial fields, adjusts inventory levels.

Apex

- Apex helper class for loyalty tier calculations.
- Asynchronous Apex (Future/Queueable) for bulk operations.

UI/UX Development & Customization

1. Lightning App Setup

- Custom app: **HandsMen Threads**
- Organized tabs for Customers, Orders, Products, Inventory, and Marketing Campaigns.

2. Page Layouts & Dynamic Forms

- Conditional field visibility for cleaner UI.
- Section-based grouping for fast navigation.

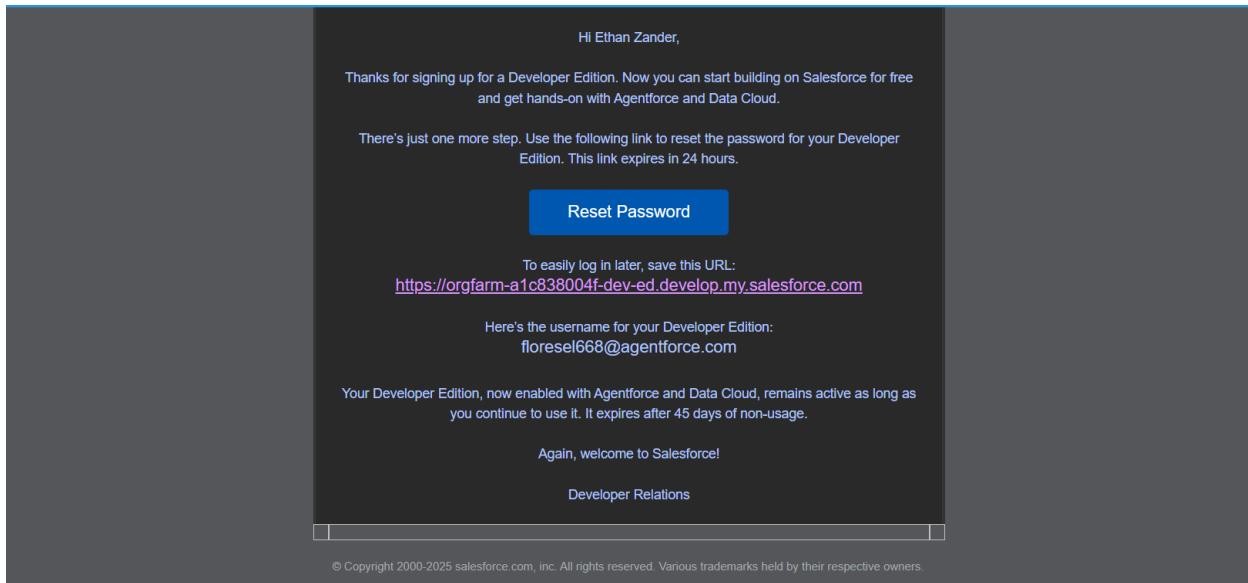
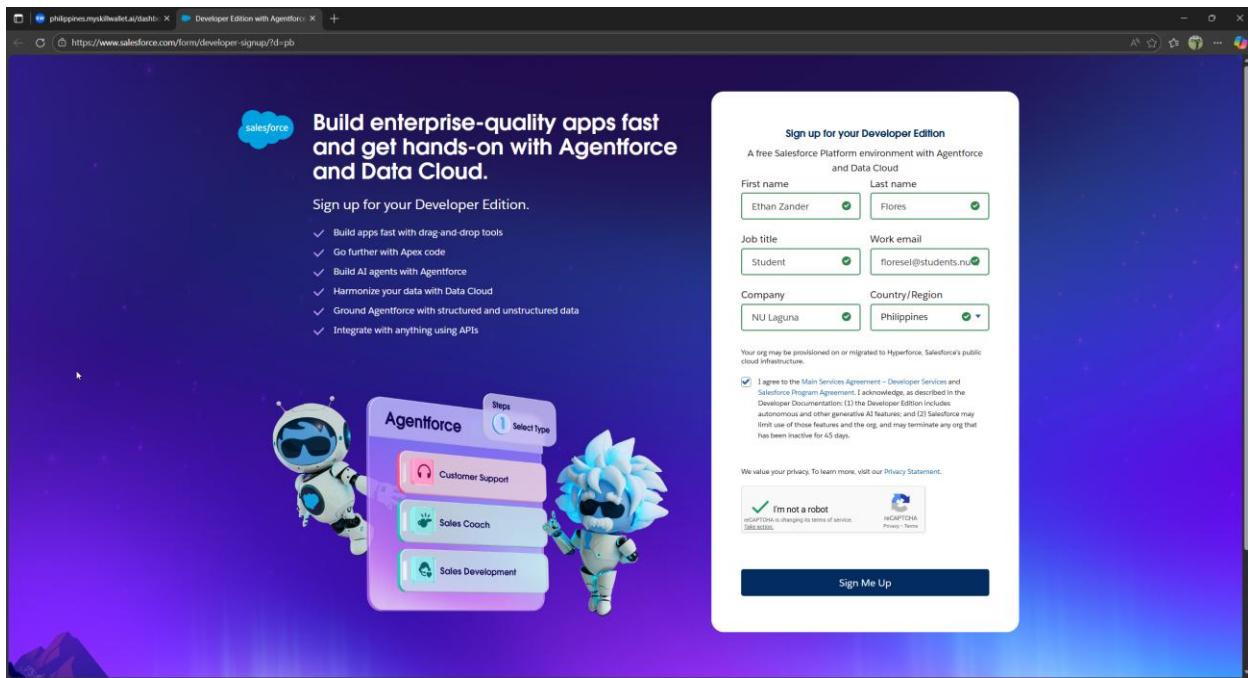
3. User Management

- Created profiles for Sales, Inventory, and Marketing.
- Permission sets controlling advanced access (Flows).

Conclusion

- The HandsMen Threads successfully establishes a streamlined, automated, and user-friendly system that enhances business operations and customer experience. Through a robust data model, well-designed UI, and powerful automation flows, the organization is positioned to manage orders, inventory, loyalty programs, and customer engagement with improved efficiency and accuracy. This project not only strengthens operational workflows but also sets the foundation for scalable future enhancements.

Salesforce Development – Backend & Configurations



The screenshot shows the Salesforce Object Manager interface. The search bar at the top contains "handsmen". The table below lists three custom objects:

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
HandsMen Customer	HandsMen_Customer__c	Custom Object		12/5/2025	✓
HandsMen Order	HandsMen_Order__c	Custom Object		12/5/2025	✓
HandsMen Product	HandsMen_Product__c	Custom Object		12/5/2025	✓

The screenshot shows the Salesforce Object Manager interface. The search bar at the top contains "inventory". The table below lists four standard objects:

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Inventory	Inventory__c	Custom Object		12/5/2025	✓
Inventory Item Reservation	InventoryItemReservation	Standard Object			
Inventory Reservation	InventoryReservation	Standard Object			
Web Store Inventory Source	WebStoreInventorySource	Standard Object			

The screenshot shows the Salesforce Object Manager page. At the top, there are tabs for Setup, Home, and Object Manager. The main area is titled "Object Manager" with a sub-header "1 items, Sorted by Label". A search bar at the top right contains the word "marketing". Below the header is a table with the following columns: LABEL, API NAME, TYPE, DESCRIPTION, LAST MODIFIED, and DEPLOYED. There is one item listed: Marketing Campaign, with API Name Marketing_Campaign_c, Type Custom Object, Description (empty), Last Modified 12/5/2025, and Deployed checked.

Data Management – Tabs

The screenshot shows the Salesforce Custom Tabs page. At the top, there are tabs for Setup, Home, and Object Manager. The main area is titled "Custom Tabs". On the left, there is a sidebar with a search bar and sections for User Interface (Rename Tabs and Labels, Tabs), Help for This Page, and Global Search. The main content area is divided into several sections: "Custom Object Tabs", "Web Tabs", "Visualforce Tabs", "Lightning Component Tabs", and "Lightning Page Tabs". Each section lists existing tabs with edit and delete options and allows for creating new ones. For example, under "Custom Object Tabs", there are tabs for HandMen Customers, HandMen Orders, HandMen Products, Intentions, and Marketing Campaigns. Under "Lightning Component Tabs", there are tabs for Get Started with Appliance, Get Started with Data Cloud, Get Started with Metabase, Get Started with Salesforce DX, and Welcome.

Data Management – App Manager

The screenshot shows the Salesforce App Manager interface. The top navigation bar includes tabs for Recently Viewed, Tabs, and Salesforce. The main menu has categories like HandsMen Threads, HandsMen Customers, HandsMen Orders, HandsMen Products, Inventory, Marketing Campaigns, Reports, Dashboards, Accounts, and Contacts. Below the menu, a search bar says "Search...". A "Recently Viewed" section is displayed, showing one item: "HandsMen Customer Name" with a value of "John123". There are buttons for New, Import, Change Owner, and Assign Label. A toolbar at the bottom right includes icons for New, Import, Change Owner, and Assign Label.

Data Management – Fields

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes tabs for Setup, Home, and Object Manager. The main menu has categories like 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, Scoping Rules, Object Access, Triggers, Flow Triggers, Validation Rules, and Conditional Field Formatting. The current view is under the "Fields & Relationships" tab for the "HandsMen Customer" object. It lists 11 items, sorted by Field Label. The table columns include FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Email	Email__c	Email		
FirstName	FirstName__c	Text(255)		
FullName	Full_Name__c	Formula (Text)		
HandsMen Customer Name	Name	Text(80)		
Last Modified By	LastModifiedBy	Lookup(User)		
LastName	LastName__c	Text(255)		
Loyalty Status	Loyalty_Status__c	Picklist		
Owner	OwnerId	Lookup(User/Group)		
Phone	Phone__c	Phone		
Total Purchases	Total_Purchases__c	Number(18, 0)		

philippines.myskillwallet.ae/dashb. Recently Viewed | HandsMen Cui. HandsMen Order | Salesforce

https://orgfarm-a1c83804f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01gK00000UjR2/fieldAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER
HandsMen Order

Fields & Relationships 10 items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Customer Email	Customer_Email__c	Email		
HandsMen Customer	HandsMen_Customer__c	Lookup(HandsMen Customer)		
HandsMen OrderNumber	Name	Auto Number		
HandsMen Product	HandsMen_Product__c	Lookup(HandsMen Product)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		
Quantity	Quantity__c	Number(18, 0)		
Status	Status__c	Picklist		
Total Amount	Total_Amount__c	Number(18, 0)		

philippines.myskillwallet.ae/dashb. Recently Viewed | HandsMen Cui. HandsMen Product | Salesforce

https://orgfarm-a1c83804f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01gK00000UjOmyFieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER
HandsMen Product

Fields & Relationships 7 items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
HandsMen Product Name	Name	Text(80)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		
Price	Price__c	Currency(18, 0)		
SKU	SKU__c	Text(255)		
Stock Quantity	Stock_Quantity__c	Number(18, 0)		

philippines.myskillwallet.ae/dashb... Recently Viewed | HandsMen Cuti... Inventory | Salesforce

https://orgfarm-a1c838004f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01gK000003UsVt/FieldsAndRelationships/view

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Inventory

Fields & Relationships		Fields & Relationships			
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Created By	CreatedById	Lookup(User)		
Lightning Record Pages	HandsMen Product	HandsMen_Product__c	Master-Detail(HandsMen Product)		
Buttons, Links, and Actions	Inventory Number	Name	Auto Number		
Compact Layouts	Last Modified By	LastModifiedById	Lookup(User)		
Field Sets	Stock Quantity	Stock_Quantity__c	Number(18, 0)		
Object Limits	Stock Status	Stock_Status__c	Formula (Text)		
Record Types	Warehouse	Warehouse__c	Text(255)		
Related Lookup Filters					
Search Layouts					
List View Button Layout					
Restriction Rules					
Scoping Rules					
Object Access					
Triggers					
Flow Triggers					
Validation Rules					
Conditional Field Formatting					

philippines.myskillwallet.ae/dashb... Recently Viewed | HandsMen Cuti... Marketing Campaign | Salesforce

https://orgfarm-a1c838004f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01gK000003UsVt/FieldsAndRelationships/view

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Marketing Campaign

Fields & Relationships		Fields & Relationships			
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Campaign Name	Campaign_Name__c	Text(255)		
Lightning Record Pages	Created By	CreatedById	Lookup(User)		
Buttons, Links, and Actions	End Date	End_Date__c	Date		
Compact Layouts	HandsMen Customer	HandsMen_Customer__c	Lookup(HandsMen Customer)		
Field Sets	Last Modified By	LastModifiedById	Lookup(User)		
Object Limits	Marketing Campaign Number	Name	Auto Number		
Record Types	Owner	OwnerId	Lookup(User/Group)		
Related Lookup Filters	Start Date	Start_Date__c	Date		
Search Layouts					
List View Button Layout					
Restriction Rules					
Scoping Rules					
Object Access					
Triggers					
Flow Triggers					
Validation Rules					
Conditional Field Formatting					

Data Configuration – Validation Rules

The screenshot shows the Salesforce Setup interface for the HandsMen Customer object. The left sidebar lists various configuration options like Details, Fields & Relationships, Page Layouts, and Validation Rules. The Validation Rules section is selected, showing a table with one rule named 'Email'.

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Email	Top of Page	Please fill Correct Gmail	✓	Ethan Zander Flores, 12/5/2025, 6:51 PM

The screenshot shows the Salesforce Setup interface for the HandsMen Order object. The left sidebar lists various configuration options. The Validation Rules section is selected, showing a table with one rule named 'Total_Amount'.

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Total_Amount	Total Amount	Please Enter Correct Amount	✓	Ethan Zander Flores, 12/5/2025, 6:45 PM

Data Security – Profiles

The screenshot shows the Salesforce Setup interface under the Profiles section. The left sidebar has 'Users' selected, and the main area is titled 'Profiles'. A search bar at the top right says 'Search Setup'. Below it, a table lists profiles:

Action	Profile Name	User License	Custom
<input type="checkbox"/>	Partner App Subscription User	Partner App Subscription	<input type="checkbox"/>
<input type="checkbox"/>	Partner Community Login User	Partner Community Login	<input type="checkbox"/>
<input type="checkbox"/>	Partner Community User	Partner Community	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Partner_1	Salesforce	<input checked="" type="checkbox"/>

At the bottom, there are navigation links for '1-4 of 4' and 'Selected', and a page number 'Page 1 of 1'.

Custom Object Permissions										Basic Access			
	Basic Access				Data Administration				Basic Access	Basic Access			
	Read	Create	Edit	Delete	View All Records	Modify All Records	View All Fields	Read	Create	Edit	Delete	View All Records	
HandsMen Customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inventory	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HandsMen Orders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Marketing Campaigns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HandsMen Products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>										

Data Security – Roles

The screenshot shows the Salesforce Setup interface under the Roles section. The left sidebar has 'Roles' selected, and the main area is titled 'Creating the Role Hierarchy'. A search bar at the top right says 'Search Setup'. Below it, a tree view shows the role hierarchy:

```
graph TD; Root[Your Organization's Role Hierarchy] --- CAA[Contractor Admin]; CAA --- NU[NU Laguna]; NU --- CEO[CEO]; CEO --- COO[COO]; COO --- Inventory[Inventory]; Inventory --- Marketing[Marketing]; Marketing --- Sales[Sales]; Sales --- SVP_Customer_Service[SVP Customer Service & Support]; SVP_Customer_Service --- HR[HR]; HR --- SVP_Sales_Marketing[SVP Sales & Marketing]
```

At the bottom, there is a note: ' Didn't find what you're looking for? Try using Global Search.' and a page number 'Page 1 of 1'.

Data Security – Users

The screenshot shows the Salesforce Setup interface with the 'Users' section selected. The left sidebar shows various categories under 'User Management Settings'. The main area is titled 'All Users' and displays a list of users with their details such as Alias, Username, Role, and Active status. The list includes:

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Chatter Expert	Chatter	chatty_00000000000000000000000000000000	Chatter Free User	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	OEPIC	OEPIC	oepic_00000000000000000000000000000000	System Administrator	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	Flores_Ethan_Zander	tz	fresethzander12@gmail.com	System Administrator	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	Mikelson_Daniel	dmitka	fresethzander12@gmail.com	Marketing	<input checked="" type="checkbox"/>	Platform_1
<input type="checkbox"/>	Mikelson_Kai	kinka	fresethzander12@gmail.com	Inventory	<input checked="" type="checkbox"/>	Platform_1
<input type="checkbox"/>	Mikelson_Natalia	nata	fresethzander12@gmail.com	Sales	<input checked="" type="checkbox"/>	Platform_1
<input type="checkbox"/>	User_Interaction	itso	interaction00000000000000000000000000000000		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	User_Security	sec	isightssecurity@00000000000000000000000000000000		<input checked="" type="checkbox"/>	Analytics Cloud Security User

Data Security – Permission Set

The screenshot shows the Salesforce Setup interface with the 'Permission Sets' section selected. The left sidebar shows various categories under 'Custom Code'. The main area is titled 'Permission Sets' and displays a list of permission sets with their details such as Description and License. The list includes:

Action	Permission Set Name	Description	License
<input type="checkbox"/>	Inventory_Permission_Set		

philippines.myskillswallet.a: X | Recently Viewed | HandsMen Cut: X | Permission Sets | Salesforce +

https://orgfarm-a1cd838004f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/PermSets/home

Setup Home Object Manager ▾

Search Setup

Permission Sets

On this page you can create, view, and manage permission sets.

All Permission Sets ▾ Edit | Delete | Create New View

Now ▾

Action	Permission Set Name	Description	License
<input type="checkbox"/>	Clone	Manage Assessment Survey	Commerce Resources
<input type="checkbox"/>	Clone	Manage Assessment Analytics	Enablement
<input type="checkbox"/>	Clone	Manage Enablement Essentials	Enablement
<input type="checkbox"/>	Clone	Manage Auto Guidance	Enablement
<input type="checkbox"/>	Clone	Marketing Cloud Reporting C2C Perm	Enablement Resources
<input type="checkbox"/>	Del Clone	Marketing Permission Set	Cloud Integration User
<input type="checkbox"/>	Clone	MarketingCloudReportingC2CPPermSet	Commerce Merchandiser User Permission Set License Seat
<input type="checkbox"/>	Clone	Merchandiser	Cloud Integration User
<input type="checkbox"/>	Clone	MaleSoftPublishableActionsC2CPPermSet	Cloud Integration User
<input type="checkbox"/>	Clone	MaleSoftSeamlessLoginC2CPPermSet	Cloud Integration User

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other ▾

1-10 of 10 0 Selected ▾ Page 1 of 1

philippines.myskillswallet.a: X | Recently Viewed | HandsMen Cut: X | Permission Sets | Salesforce +

https://orgfarm-a1cd838004f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/PermSets/home

Setup Home Object Manager ▾

Search Setup

Permission Sets

On this page you can create, view, and manage permission sets.

All Permission Sets ▾ Edit | Delete | Create New View

Now ▾

Action	Permission Set Name	Description	License
<input type="checkbox"/>	Clone	SCRT2 Integration User	Cloud Integration User
<input type="checkbox"/>	Clone	Sales Cloud User	Sales User
<input type="checkbox"/>	Clone	Sales Engagement Basic User	Sales Engagement Basic
<input type="checkbox"/>	Del Clone	Sales Permission Set	
<input type="checkbox"/>	Clone	Salesforce Apex Guru	Cloud Integration User
<input type="checkbox"/>	Clone	Salesforce CMS Integration Admin	Cloud Integration User
<input type="checkbox"/>	Clone	Salesforce Console User	Sales Console User
<input type="checkbox"/>	Clone	Salesforce Data Modeler	Salesforce Data Modeler Design Time
<input type="checkbox"/>	Clone	Salesforce Pricing Design Time User	Salesforce Pricing Design Time
<input type="checkbox"/>	Clone	Salesforce Objects Manager	Salesforce Pricing Run Time
<input type="checkbox"/>	Clone	Salesforce Pricing Run Time User	Salesforce Pricing Run Time
<input type="checkbox"/>	Clone	Salesforce Scheduler Greeter	Salesforce Scheduler Greeter
<input type="checkbox"/>	Clone	Seas Indexing C2C User Perm	Cloud Integration User
<input type="checkbox"/>	Clone	Security Center Integration User	Cloud Integration User
<input type="checkbox"/>	Clone	Segment Intelligence User	SegmentIntelligencePd
<input type="checkbox"/>	Clone	Seller-Focused Sales Mobile Experience	Salesforce
<input type="checkbox"/>	Clone	Service Cloud User	Service User
<input type="checkbox"/>	Clone	Slack	Commerce User
<input type="checkbox"/>	Clone	Slack Service User	Slack Service User
<input type="checkbox"/>	Clone	Standard Einstein Activity Capture	Standard Einstein Activity Capture User

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other ▾

1-20 of 20 0 Selected ▾ Page 1 of 1

Email Template

The screenshot shows the Salesforce Setup interface with the 'Classic Email Templates' page selected. The page title is 'Classic Email Templates'. A search bar at the top right contains the text 'classic'. Below the title, there's a folder navigation bar with 'Folder' set to 'Unified Public Classic Email Templates' and a 'Create New Folder' button.

The main content area displays a table titled 'New Template' with columns: Action, Email Template Name, Template Type, Available For Use, Description, Author, and Last Modified Date. The table lists numerous email templates, such as 'Appointment for Unauthenticated User using Appointment Types - For Amazon Chime', 'Appointment for Unauthenticated User using Engagement Channels - For Amazon Chime', and various service appointment confirmation emails. Each row includes edit and delete icons.

At the bottom of the table, there are buttons for 'Show me fewer ▲ / more records per list page' and 'A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other ▾'. The URL in the browser bar is <https://orglarm-a1c838004f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/CommunicationTemplatesEmail/home>.

Flows

The screenshot shows the Salesforce Setup interface with the 'Flows' page selected. The page title is 'Flows'. A search bar at the top right contains the text 'flows'. Below the title, there's a 'Flow Definitions' section with a dropdown menu set to 'All Flows' and a 'Create Flow' button.

The main content area displays a table titled 'Flow Definitions' with columns: Flow Label, Process Type, Active, Template, Package State, Package Name, Last Modified By, and Last Modified Date. The table lists 69 items, each with a unique flow label like 'Ensure Refunds for Excess Funds Flow', 'Even Exchange Flow', etc. Each row includes edit and delete icons.

At the bottom of the table, there are buttons for 'Show me fewer ▲ / more records per list page' and 'A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other ▾'. The URL in the browser bar is <https://orglarm-a1c838004f-dev-ed.develop.my.salesforce-setup.com/lightning/setup/Flows/home>.

App Manager

The screenshot shows a browser window with the URL https://orgfarm-4fc838004f-dev-ed.lightning.force.com/lightning/u/HandsMen_Customer__c/list?filterName=_Recent. The page title is "HandsMen Threads". The navigation bar includes "HandsMen Customers", "HandsMen Orders", "HandsMen Products", "Inventory", "Marketing Campaigns", "Reports", "Dashboards", "Accounts", and "Contacts". A search bar at the top right contains the placeholder "Search...". Below the search bar is a toolbar with buttons for "New", "Import", "Change Owner", and "Assign Label". A message "1 item • Updated 10 minutes ago" is displayed above a list titled "HandsMen Customers". The list shows one item: "John123".

The screenshot shows a browser window with the URL https://orgfarm-4fc838004f-dev-ed.lightning.force.com/lightning/u/HandsMen_Order__c/list?filterName=_Recent. The page title is "HandsMen Threads". The navigation bar includes "HandsMen Customers", "HandsMen Orders", "HandsMen Products", "Inventory", "Marketing Campaigns", "Reports", "Dashboards", "Accounts", and "Contacts". A search bar at the top right contains the placeholder "Search...". Below the search bar is a toolbar with buttons for "New", "Import", "Change Owner", and "Assign Label". A message "2 items • Updated a few seconds ago" is displayed above a list titled "HandsMen Orders". The list shows two items: "O-0003" and "O-0001".

Recently Viewed

1 item • Updated a few seconds ago

HandsMen Product Name

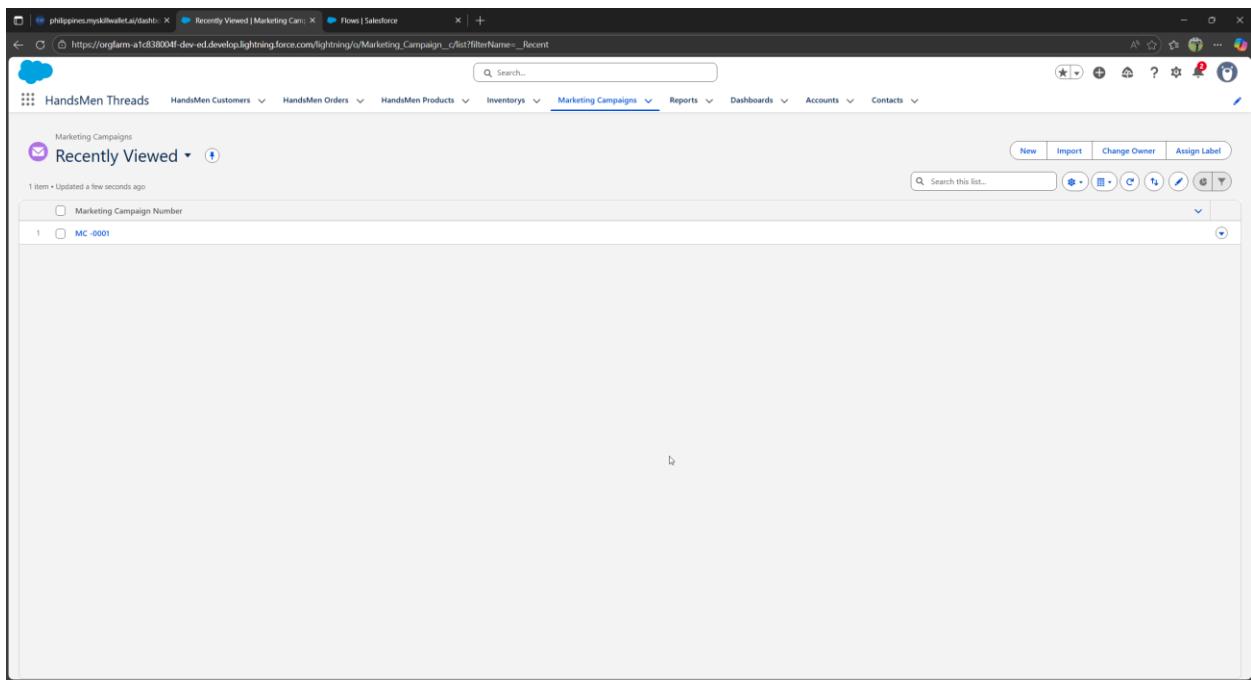
1 T-Shirt Fabric

Recently Viewed

1 item • Updated a few seconds ago

Inventory Number

1 I-0001



Results of Creating Email Templates and Flows

HT HandsMen Threads<floresethanzander@gmail.com> via ayh1o179dq.gk-fybthuab.can96.bnc.salesforce.com
To: Flores, Ethan Zander L

Retention: National University Operations (10 years) Expires: Tue 12/4/2035 3:15 PM

You don't often get email from floresethanzander@gmail.com. Learn why this is important at <https://aka.ms/LearnAboutSenderIdIdentification>]

[EXTERNAL SENDER] DO NOT CLICK on any links or attachments unless you know the sender and that the content/s are safe.

Dear Inventory Manager,
This is to inform you that the stock for the following product is running low:
Product Name: T-Shirt Fabric
Current Stock Quantity: 1
Please take the necessary steps to restock this item immediately.
Best Regards,
Inventory Monitoring System

[Reply](#) [Forward](#)

Sat 12/6/2025 3:15 PM

HT HandsMen Threads<floresethanzander@gmail.com> via f0hcu51k7oc.gk-fybthuab.can96.bnc.salesforce.com
To: floresethanzander@gmail.com; ● Flores, Ethan Zander L

Retention: National University Operations (10 years) Expires: Tue 12/4/2035 3:16 PM

You don't often get email from floresethanzander@gmail.com. [Learn why this is important](#)

[EXTERNAL SENDER] DO NOT CLICK on any links or attachments unless you know the sender and that the content/s are safe.

Congratulations! You are now a Bronze member and you are eligible for our Loyalty Rewards Program.
Enjoy exclusive discounts, early access to offers, and special member benefits.
Thank you for your continued Support.

Sat 12/6/2025 3:16 PM

Apex Classes and Triggers

The screenshot shows the Salesforce Developer Console in Microsoft Edge. The URL is https://orgname-a1c83004f-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCIPage. The tab bar has three tabs: OrderTotalTrigger.apc (selected), OrderTrigger.apc, and InventoryBatchJob.apc. The code editor contains the following Apex code:

```
1 * trigger OrderTotalTrigger on HandsMen_Order__c (before insert, before update) {
2     Set<Id> productIds = new Set<Id>();
3
4     for (HandsMen_Order__c order : Trigger.new) {
5         if (order.HandsMen_Product__c != null) {
6             productIds.add(order.HandsMen_Product__c);
7         }
8     }
9
10    Map<Id, HandsMen_Product__c> productMap = new Map<Id, HandsMen_Product__c>(
11        [SELECT Id, Price__c FROM HandsMen_Product__c WHERE Id IN :productIds]
12    );
13
14    for (HandsMen_Order__c order : Trigger.new) {
15        if (order.HandsMen_Product__c != null && productMap.containsKey(order.HandsMen_Product__c)) {
16            HandsMen_Product__c product = productMap.get(order.HandsMen_Product__c);
17            if (order.Quantity__c != null) {
18                order.Total_Amount__c = order.Quantity__c * product.Price__c;
19            }
20        }
21    }
22 }
```

The Query Editor below the code editor shows a history of executed queries.

The screenshot shows the Salesforce Developer Console in Microsoft Edge. The URL is https://orgname-a1c83004f-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCIPage. The tab bar has three tabs: OrderTotalTrigger.apc, OrderTrigger.apc (selected), and InventoryBatchJob.apc. The code editor contains the following Apex code:

```
1 * public class OrderTriggerHandler {
2     public static void validateOrderQuantity(List<HandsMen_Order__c> orderList) {
3         for (HandsMen_Order__c order : orderList) {
4             if (order.Status__c == 'Confirmed') {
5                 if (order.Quantity__c == null || order.Quantity__c <= 500) {
6                     order.Quantity__c.addError('For Status "Confirmed", Quantity must be more than 500.');
7                 }
8             } else if (order.Status__c == 'Pending') {
9                 if (order.Quantity__c == null || order.Quantity__c <= 200) {
10                     order.Quantity__c.addError('For Status "Pending", Quantity must be more than 200.');
11                 }
12             } else if (order.Status__c == 'Rejection') {
13                 if (order.Quantity__c == null || order.Quantity__c != 0) {
14                     order.Quantity__c.addError('For Status "Rejection", Quantity must be 0.');
15                 }
16             }
17         }
18         System.debug('All records validated successfully.');
19     }
20 }
```

The Query Editor below the code editor shows a history of executed queries.

Developer Console - School - Microsoft Edge
https://orgname-a1c838004f-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCIPage

File • Edit • Debug • Test • Workspaces • Help • < >

OrderInsertTrigger.apxt OrderTriggerHandler.apxc OrderTrigger.apxt InventoryBatchJob.apxc

Code Coverage: None • API Version: 65 Go To

```
1 * trigger OrderTrigger on HandsMen_Order__c (before insert, before update) {
2
3     if (Trigger.isBefore && (Trigger.isInsert || Trigger.isUpdate)) {
4
5         OrderTriggerHandler.validateOrderQuantity(Trigger.new);
6
7     }
8
9 }
```

Logs Tests Checkpoints **Query Editor** View State Progress Problems

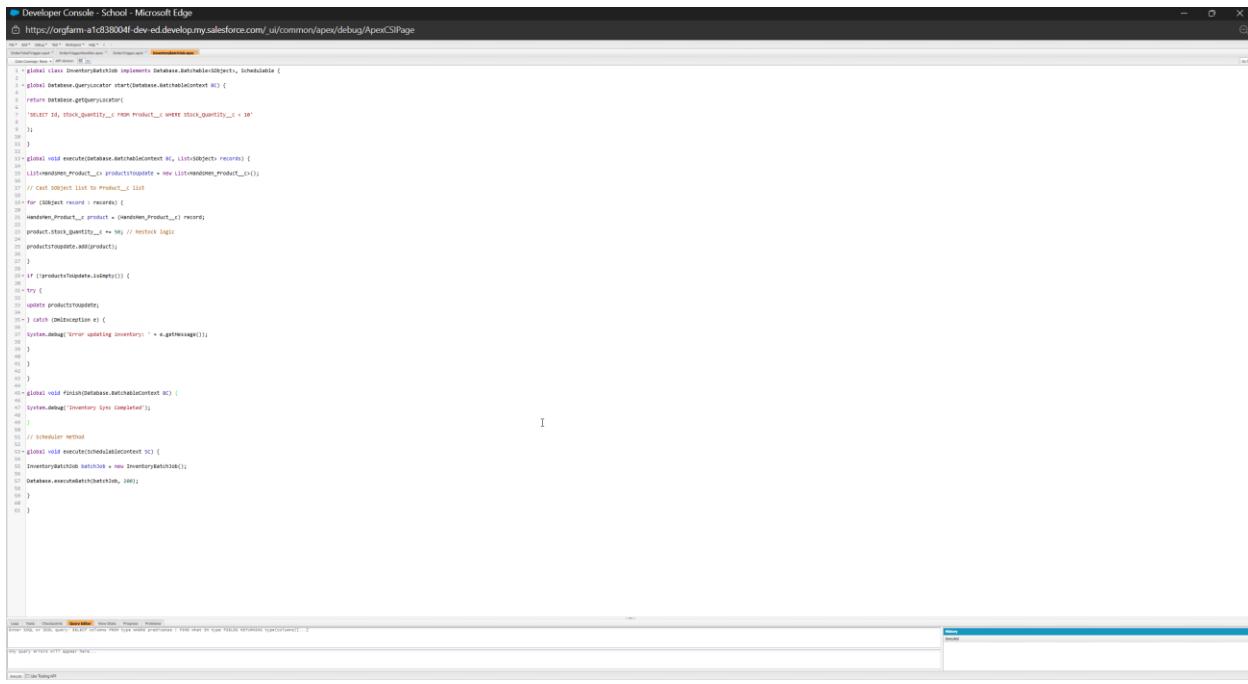
Enter SOQL or SOSL query: SELECT columns FROM type WHERE predicates | FIND what IN type FIELDS RETURNING type(columns){...}

Any query errors will appear here...

History Executed

Execute Use Tooling API

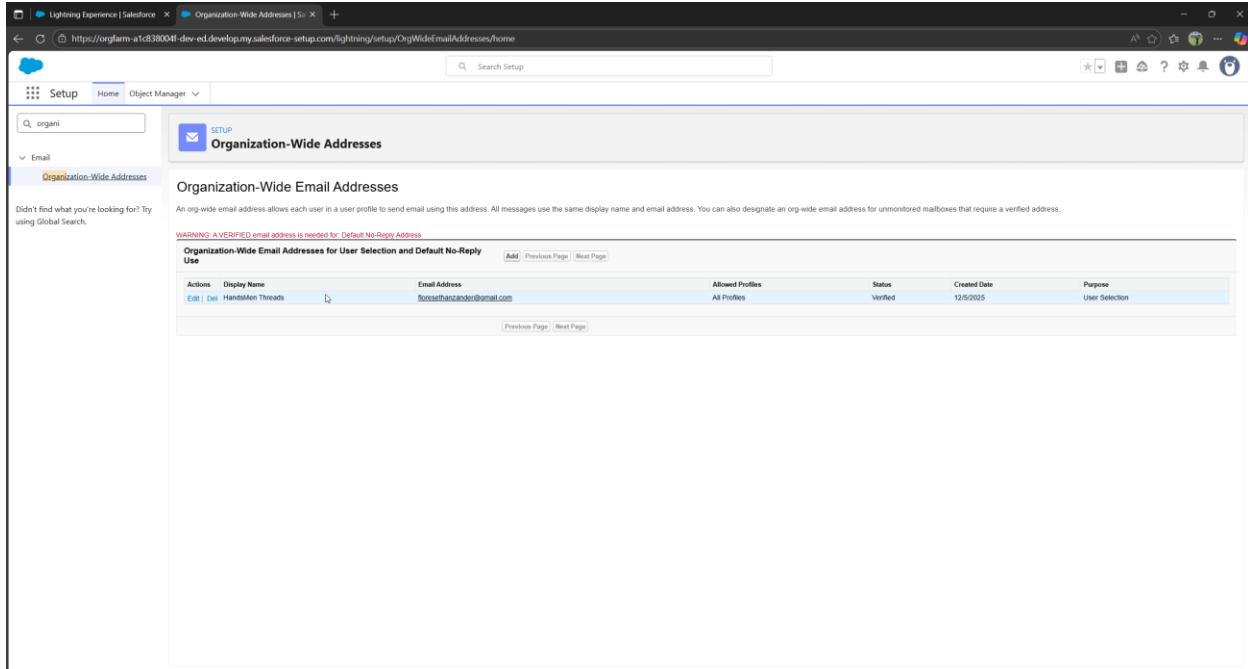
Batchjob



```
Developer Console - School - Microsoft Edge
https://orgfarm-atc838004f-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

1: global class InventoryBatchJob implements Database.Batchable<Object>, Schedulable {
2:     ...
3: }
4: 
5: global Database.QueryLocator start(Database.BatchableContext BC) {
6:     ...
7:     return database.getQueryLocator();
8: }
9: 
10: global void execute(Database.BatchableContext BC, List<Object> records) {
11:     ...
12:     List<Product> products = new List<Product>();
13:     // Cast Object list to Product list
14:     products = (List<Product>) records;
15:     ...
16:     for (Object record : records) {
17:         Product product = (Product) record;
18:         product.stock_quantity__c += 10; // Test logic
19:         products.add(product);
20:     }
21: }
22: 
23: global void finish(Database.BatchableContext BC) {
24:     ...
25:     System.debug("Inventory Sync Complete!");
26: }
27: 
28: // Scheduler Method
29: global void execute(SchedulableContext SC) {
30:     InventoryBatchJob batchJob = new InventoryBatchJob();
31:     database.executeBatch(batchJob, 200);
32: }
33: 
```

Organization-Wide Addresses



The screenshot shows the Salesforce Setup interface with the following details:

- Page Title:** Organization-Wide Addresses
- URL:** https://orgfarm-atc838004f-dev-ed.develop.my.salesforce.com/lightning/setup/OrgWideEmailAddresses/home
- Search Bar:** Search Setup
- Navigation:** Setup, Home, Object Manager
- Search Filter:** Q: organi
- Section:** Email > Organization-Wide Addresses
- Section Header:** Organization-Wide Email Addresses
- Text:** An org-wide email address allows each user in a user profile to send email using this address. All messages use the same display name and email address. You can also designate an org-wide email address for unmonitored mailboxes that require a verified address.
- Warning:** A VERIFIED email address is needed for Default No-Reply Address
- Table:** Organization-Wide Email Addresses for User Selection and Default No-Reply Use

Action	Display Name	Email Address	Allowed Profiles	Status	Created Date	Purpose
Edit Del	HandMe Threads	horsesthanzander@gmail.com	All Profiles	Verified	12/5/2025	User Selection