

**HandsMen Threads: Elevating the Art of
Sophistication in Men's Fashion
Capstone Project Documentation**

**Created By:
Leigh Laurence A. Torres**

Project Overview:

HandsMen Threads is a dynamic menswear brand seeking to revolutionize its operational efficiency and customer engagement through a strategic Salesforce implementation. This project focuses on building a robust, centralized data model and automating key business processes to enhance data integrity, customer loyalty, and inventory management. The solution will leverage the power of the Salesforce Platform to automate order confirmations, dynamically manage a loyalty program, provide proactive stock alerts, and handle bulk order processing, thereby solidifying the brand's reputation for sophistication and reliability.

Objectives:

Category 1: Data Management & Integrity Objectives

- **Objective 1.1: Establish a Unified Data Foundation**
 - **Description:** Design and implement a custom, scalable Salesforce data model comprising both standard and custom objects (Account, Contact, Order, Product, Loyalty Tier, Inventory Level) to serve as the single source of truth for all customer, sales, and product data.
 - **Success Metric:** 100% of defined business data entities are accurately represented and related within the Salesforce schema. Data migration of key records (Contacts, Products) is completed with >99% accuracy.
- **Objective 1.2: Ensure UI-Level Data Quality**
 - **Description:** Implement validation rules, required fields, and picklists to enforce data integrity directly from the user interface, preventing the entry of invalid or incomplete information.
 - **Success Metric:** Reduce data entry errors by 90% as measured by a decrease in data correction requests or failed processes due to bad data.

Category 2: Process Automation & Efficiency Objectives

- **Objective 2.1: Automate the Customer Order Confirmation Process**
 - **Description:** Configure an automated process (using Flow) that triggers a personalized email confirmation to the customer immediately after their order status is set to "Confirmed."
 - **Success Metric:** 100% of confirmed orders receive an automated email within 5 minutes of confirmation, eliminating manual effort.
- **Objective 2.2: Implement a Dynamic Customer Loyalty Program**
 - **Description:** Develop and deploy a scheduled automation (using Scheduled Flow or Apex) that evaluates customer purchase history daily and automatically assigns or upgrades their loyalty tier (e.g., Silver, Gold, Platinum) based on pre-defined spending thresholds.

Category 3: Customer Relationship & Service Objectives

- **Objective 3.1: Enhance Post-Purchase Customer Communication**
 - **Description:** Use the automated order confirmation system to improve the immediate post-purchase experience, fostering engagement and setting clear expectations.
 - **Success Metric:** Achieve a >60% open rate on automated order confirmation emails, as measured by Marketing Cloud or email analytics.
- **Objective 3.2: Personalize Customer Engagement through Loyalty**
 - **Description:** Leverage the dynamic loyalty tier data to create targeted customer segments for future marketing campaigns and personalized service.

Category 4: Operational & Insight Objectives

- **Objective 4.1: Provide Real-Time Inventory Visibility**
 - **Description:** Ensure that inventory levels are accurately tracked and visible within Salesforce, providing a clear view of stock across the business.
- **Objective 4.2: Demonstrate Core System Functionality**
 - **Description:** Successfully configure and present a fully functional Salesforce org that demonstrates all automated processes working in a live, end-to-end demo scenario.

Phase 1: Requirement Analysis & Planning

This phase focuses on fully understanding the business needs behind the HandsMen Salesforce implementation and outlining a clear plan for execution. The primary requirement is to create an integrated system that manages customer information, product details, order processing, inventory tracking, and marketing initiatives in one central platform. Users need a faster, more accurate way to handle customer transactions, monitor product availability, and run targeted campaigns—solving issues such as manual data entry, lack of visibility, and delayed decision-making.

To ensure alignment, the project scope and objectives are defined in detail. These include: setting up the HandsMen Customer object to store complete customer profiles; configuring the HandsMen Product object for product catalog management; building the HandsMen Order object to streamline order creation, tracking, and fulfillment; developing the Inventory object to maintain real-time stock levels; and enabling the Marketing Campaign object to support promotional activities and performance tracking. Additional objectives involve automating workflows, improving reporting accuracy, and establishing scalable processes.

A well-structured data model and security model will be designed to ensure data integrity and controlled access. The data model will define relationships between Customers, Products, Orders, and Inventory, while the security model will outline role hierarchies, object permissions, field-level security, and sharing settings to protect sensitive information.

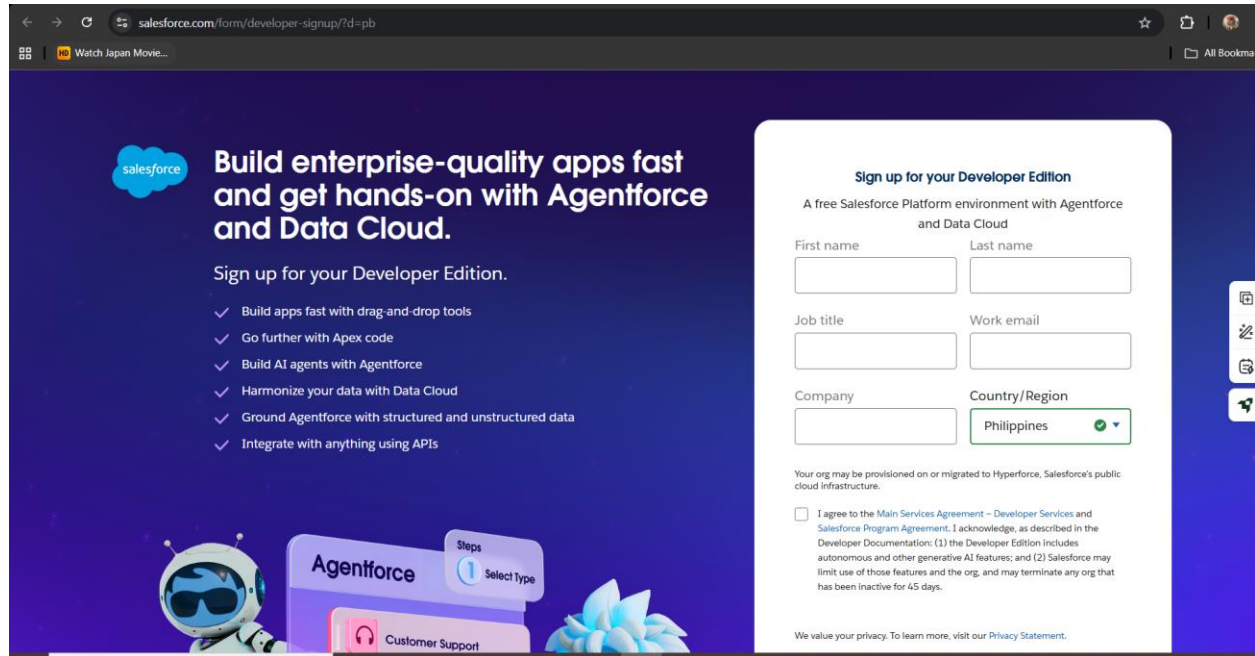
Stakeholder mapping will identify key participants such as sales teams, inventory controllers, marketing personnel, customer service representatives, and management. Each stakeholder group's responsibilities and expectations will be outlined to maintain clarity throughout the project.

Finally, an execution roadmap will be created to guide the implementation process. This roadmap will include timelines for configuration, customization, testing, user training, deployment, and post-launch monitoring. This structured plan ensures that all business requirements are met and enables the HandsMen Salesforce solution to be delivered efficiently and successfully.

Phase 2: Salesforce Development - Backend & Configurations

Screenshots

Signing up for Developer org



The screenshot shows the Salesforce Developer Edition sign-up page. The page has a dark blue background with the Salesforce logo and the text "Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud." Below this, it says "Sign up for your Developer Edition." and lists several 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", and "Integrate with anything using APIs". On the right side, there is a white sign-up form titled "Sign up for your Developer Edition" with the subtitle "A free Salesforce Platform environment with Agentforce and Data Cloud". The form includes fields for "First name", "Last name", "Job title", "Work email", "Company", and "Country/Region" (which is set to "Philippines"). Below the form, there is a checkbox for "I agree to the Main Services Agreement - Developer Services and Salesforce Program Agreement" and a link to the "Privacy Statement". At the bottom left, there is a cartoon robot character and a "Customer Support" button.

salesforce.com/form/developer-signup/?d-pb

Watch Japan Movie...

All Bookmarks

Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud.

Sign up for your Developer Edition.

- ✓ 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

Sign up for your Developer Edition

A free Salesforce Platform environment with Agentforce and Data Cloud

First name Last name

Job title Work email

Company Country/Region

Philippines

Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

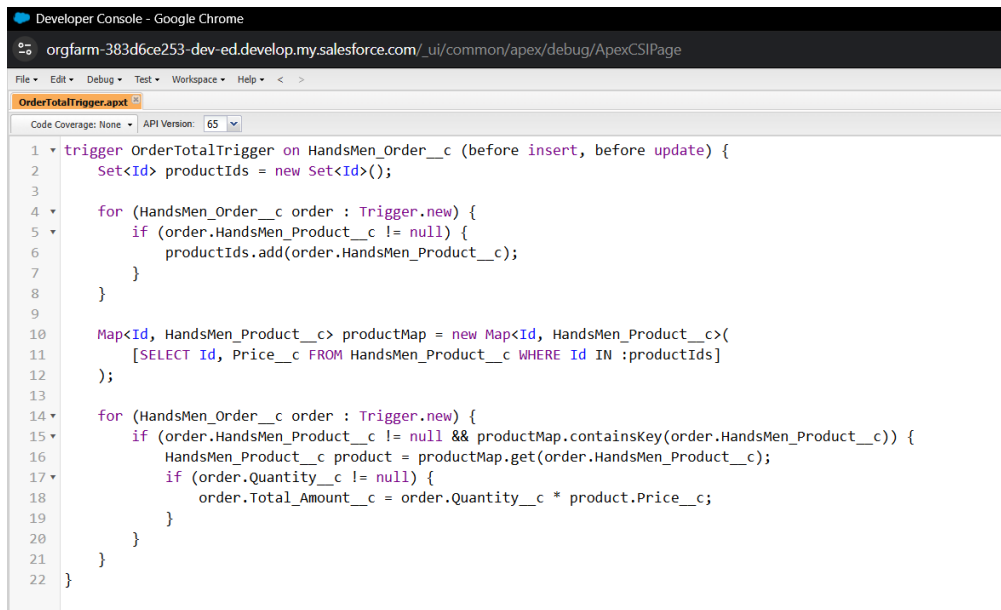
☐ I agree to the Main Services Agreement - Developer Services and Salesforce Program Agreement. I acknowledge, as described in the Developer Documentation: (1) the Developer Edition includes autonomous and other generative AI features; and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days.

We value your privacy. To learn more, visit our Privacy Statement.

Apex Triggers

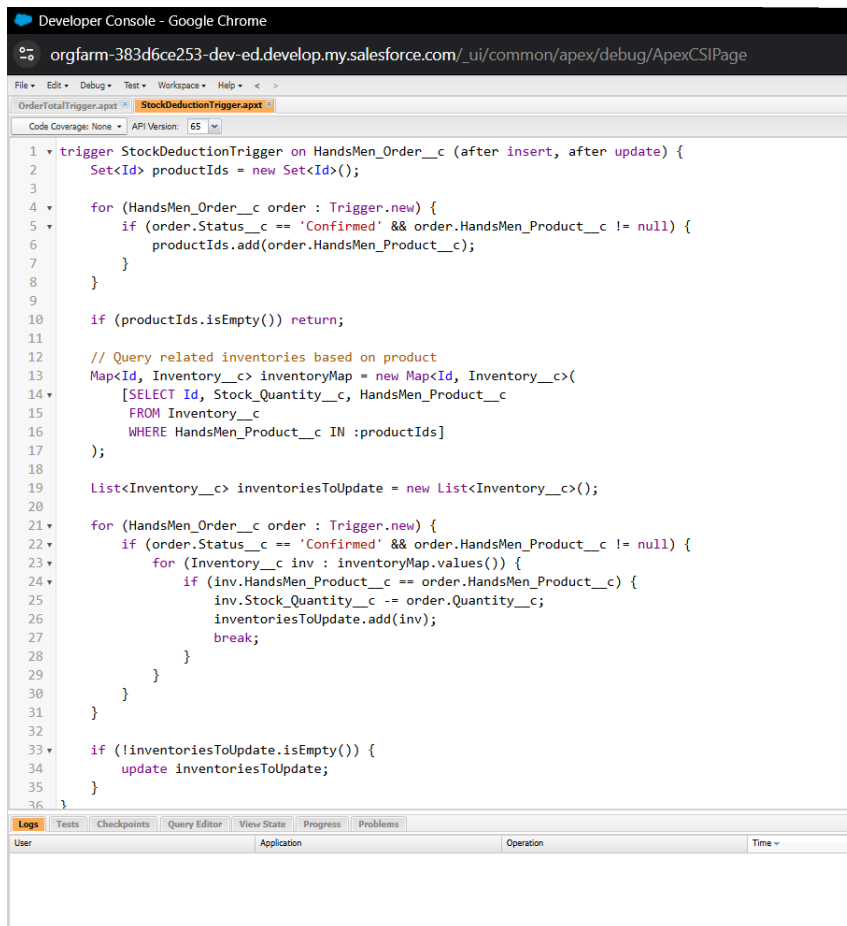
Explanation:

This trigger, OrderTotalTrigger, runs automatically before an order is inserted or updated in the *HandsMen_Order__c* object. Its purpose is to calculate the Total Amount of an order based on the selected product and quantity. First, it collects all product IDs referenced in the new or updated orders. Then, it queries the *HandsMen_Product__c* object to get each product's price. After retrieving the product prices, the trigger loops through the orders again and checks if the order has a valid product and quantity. If both exist, it multiplies the product's price by the order quantity and automatically sets the *Total_Amount__c* field. This ensures that every order always has the correct total amount without requiring manual calculation by the user.

The image is a screenshot of the Salesforce Developer Console. At the top, the browser address bar shows the URL: orgfarm-383d6ce253-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage. Below the browser, the console title bar reads "Developer Console - Google Chrome". The main editor area displays the code for "OrderTotalTrigger.apex". The code is as follows:

```
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 StockDeductionTrigger runs after an order is inserted or updated in the *HandsMen_Order__c* object and is responsible for automatically reducing product inventory when an order is confirmed. The trigger first collects the product IDs from orders whose *Status__c* is “Confirmed.” It then retrieves the corresponding inventory records linked to those products. After obtaining the related inventory data, the trigger loops through the confirmed orders and matches each one to its inventory record. For every confirmed order, it subtracts the order quantity from the inventory’s *Stock_Quantity__c* field. All modified inventory records are added to a list and updated in Salesforce. This ensures that product stock levels are always kept accurate and automatically updated whenever a confirmed order is processed.



The screenshot displays the Salesforce Developer Console interface. The top bar shows the browser address: `orgfarm-383d6ce253-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage`. Below the browser, the 'Developer Console' window is open, showing the 'StockDeductionTrigger.apxt' file. The code is as follows:

```
1 trigger StockDeductionTrigger on HandsMen_Order__c (after insert, after update) {
2     Set<Id> productIds = new Set<Id>();
3
4     for (HandsMen_Order__c order : Trigger.new) {
5         if (order.Status__c == 'Confirmed' && order.HandsMen_Product__c != null) {
6             productIds.add(order.HandsMen_Product__c);
7         }
8     }
9
10    if (productIds.isEmpty()) return;
11
12    // Query related inventories based on product
13    Map<Id, Inventory__c> inventoryMap = new Map<Id, Inventory__c>{
14        [SELECT Id, Stock_Quantity__c, HandsMen_Product__c
15         FROM Inventory__c
16         WHERE HandsMen_Product__c IN :productIds]
17    };
18
19    List<Inventory__c> inventoriesToUpdate = new List<Inventory__c>();
20
21    for (HandsMen_Order__c order : Trigger.new) {
22        if (order.Status__c == 'Confirmed' && order.HandsMen_Product__c != null) {
23            for (Inventory__c inv : inventoryMap.values()) {
24                if (inv.HandsMen_Product__c == order.HandsMen_Product__c) {
25                    inv.Stock_Quantity__c -= order.Quantity__c;
26                    inventoriesToUpdate.add(inv);
27                    break;
28                }
29            }
30        }
31    }
32
33    if (!inventoriesToUpdate.isEmpty()) {
34        update inventoriesToUpdate;
35    }
36 }
```

At the bottom of the console, there is a table with columns: User, Application, Operation, and Time. The table is currently empty.

Custom Objects



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HandsMen Product

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Restriction Rules

Details

Description

API Name
HandsMen_Product__c

Custom

Singular Label
HandsMen Product

Plural Label
HandsMen Products

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

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Details

Description

API Name
Inventory__c

Custom

Singular Label
Inventory

Plural Label
Inventories

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

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Description

API Name
Marketing_Campaign__c

Custom
✓

Singular Label
Marketing Campaign

Plural Label
Marketing Campaigns

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Fields of Custom Objects

orgfarm-383d6ce253-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/011gl00000321IV/FieldsAndRelationships/00Ngl000002BoaFR/view

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Restriction Rules

HandsMen Customer Custom Field

Email

Back to HandsMen Customer

Validation Rules (0)

Custom Field Definition Detail

Edit

Set Field-Level Security

View Field Accessibility

Where is this used?

Field Information

Field Label	Email	Object Name	HandsMen Customer
Field Name	Email	Data Type	Email
API Name	Email__c		
Description			
Help Text			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			
Created By	Leigh Torres, 11/14/2025, 2:46 AM	Modified By	Leigh Torres, 11/14/2025, 2:46 AM

General Options

Required	<input type="checkbox"/>
Unique	<input type="checkbox"/>
External ID	<input type="checkbox"/>
Default Value	

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All Bookmarks

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HandsMen Customer

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Buttons, Links, and Actions

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List View Button Layout

Restriction Rules

HandsMen Customer Custom Field

Phone

Back to HandsMen Customer

Validation Rules 0

Custom Field Definition Detail

Edit

Set Field-Level Security

View Field Accessibility

Where is this used?

Field Information

Field Label	Phone	Object Name	HandsMen Customer
Field Name	Phone	Data Type	Phone
API Name	Phone__c		
Description			
Help Text			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			
Created By	Leigh Torres, 11/14/2025, 2:47 AM	Modified By	Leigh Torres, 11/14/2025, 2:47 AM

General Options

Required

Default Value

Validation Rules

New

Validation Rules Help

Time here to search

30°C Mostly cloudy

5:43 PM

orgfarm-383d6ce253-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01lgL0000032IV/FieldsAndRelationships/00NgL00002BoV2w/view

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All Bookmarks

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HandsMen Customer Custom Field

Loyalty Status

Back to HandsMen Customer

Validation Rules 0

Custom Field Definition Detail

Edit

Set Field-Level Security

View Field Accessibility

Where is this used?

Field Information

Field Label	Loyalty Status	Object Name	HandsMen Customer
Field Name	Loyalty_Status	Data Type	Picklist
API Name	Loyalty_Status__c		
Description			
Help Text			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			
Created By	Leigh Torres, 11/14/2025, 2:48 AM	Modified By	Leigh Torres, 11/14/2025, 2:48 AM

General Options

Required

Default Value

1

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Marketing Campaign

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Compact Layouts

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Marketing Campaign Custom Field

HandsMen Customer

Back to Marketing Campaign

Validation Rules 0

Custom Field Definition Detail

Edit Set Field-Level Security View Field Accessibility Where is this used?

Field Information

Field Label	HandsMen Customer	Object Name	Marketing Campaign
Field Name	HandsMen_Customer	Data Type	Lookup
API Name	HandsMen_Customer__c		
Description			
Help Text			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			
Created By	Leigh Torres, 11/14/2025, 2:52 AM	Modified By	Leigh Torres, 11/14/2025, 2:52 AM

Lookup Options

Related To	HandsMen_Customer	Child Relationship Name	Marketing_Campaigns
Related List Label	Marketing Campaigns		
Required			

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HandsMen Product

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Fields & Relationships

7 Items, Sorted by Field Label

Q Quick Find

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
HandsMen Product Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Price	Price__c	Currency(18, 0)		
SKU	SKU__c	Text(60)		
Stock Quantity	Stock_Quantity__c	Number(18, 0)		

Validations rules

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HandsMen Order Validation Rule

Back to HandsMen Order

Validation Rule Detail

Edit

Clone

Rule Name

Total_Amount

Active

✓

Error Condition Formula

Total_Amount__c <= 0

Error Message

Please Enter Correct Amount

Error Location

Total Amount

Description

Created By

Leigh Torres, 11/14/2025, 3:28 AM

Modified By

Leigh Torres, 11/14/2025, 3:28 AM

Edit

Clone

HandsMen Customer Validation Rule

Back to HandsMen Customer

Validation Rule Detail

Edit

Clone

Rule Name

Email

Active

✓

Error Condition Formula

NOT CONTAINS(Email__c , "@gmail.com")

Error Message

Please fill Correct Gmail

Error Location

Top of Page

Description

Created By

Leigh Torres, 11/14/2025, 3:33 AM

Modified By

Leigh Torres, 11/14/2025, 3:33 AM

Edit

Clone

orgfarm-383d6ce253-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/011gL0000032J01/ValidationRules/03dgL000000fNWvQAM/view

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HandsMen Order Validation Rule

[Back to HandsMen Order](#)

Validation Rule Detail [Edit](#) [Clone](#)

Rule Name	Total_Amount	Active	✓
Error Condition Formula	Total_Amount__c <= 0		
Error Message	Please Enter Correct Amount	Error Location	Total Amount
Description			
Created By	Leigh Torres, 11/14/2025, 3:28 AM	Modified By	Leigh Torres, 11/14/2025, 3:28 AM

[Edit](#) [Clone](#)

[Help for this Page](#)

orgfarm-383d6ce253-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/011gL0000032J01/ValidationRules/03dgL000000fNWvQAM/view

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List View Button Layout

Inventory Validation Rule

[Back to Inventory](#)

Validation Rule Detail [Edit](#) [Clone](#)

Rule Name	Stock_Quantity	Active	✓
Error Condition Formula	Stock_Quantity__c <= 0		
Error Message	the inventory count is never less than zero	Error Location	Top of Page
Description			
Created By	Leigh Torres, 11/14/2025, 3:31 AM	Modified By	Leigh Torres, 11/14/2025, 3:31 AM

[Edit](#) [Clone](#)

Phase 3: UI/UX Development & Customization

Creating the app

The screenshot shows the 'App Details & Branding' configuration page in the Salesforce Lightning App Builder. The page is divided into two main sections: 'App Details' and 'App Branding'.

App Details:

- * App Name:** HandsMen Threads
- * Developer Name:** HandsMen_Threads
- Description:** Enter a description...

App Branding:

- Image:** A placeholder box with an 'Upload' button.
- Primary Color Hex Value:** #0070D2
- Org Theme Options:** ☐ Use the app's image and color instead of the org's custom theme
- App Launcher Preview:** A preview showing a blue square with 'HT' and the text 'HandsMen Threads'.

UI of the objects

The screenshot shows the Salesforce Lightning UI for the 'HandsMen Customers' object. The page displays a 'Recently Viewed' list with 3 items. The list is titled 'HandsMen Customers' and 'Recently Viewed'. The list contains the following items:

	HandsMen Customer Name
1	Daniel
2	John
3	Leigh

orgfarm-383d6ce253-dev-ed.develop.lightning.force.com/lightning/r/HandsMen_Product__c/a01gL00000WKB89QAH/view

Watch Japan Movie...

Search...

HandsMen Threads HandsMen Customers HandsMen Orders HandsMen Products Inventories Marketing Campaigns Reports Dashboards Accounts Contacts

HandsMen Product Hoodie

New Contact Edit New Opportunity

Related Details

HandsMen Product Name	Hoodie	Owner	Leigh Torres
SKU			
Price	\$100		
Stock Quantity	20		
Created By	Leigh Torres, 11/23/2025, 12:16 AM	Last Modified By	Leigh Torres, 11/23/2025, 12:16 AM

orgfarm-383d6ce253-dev-ed.develop.lightning.force.com/lightning/r/inventory__c/a03gL00000Hz6oHQAR/view

Watch Japan Movie...

Search...

HandsMen Threads HandsMen Customers HandsMen Orders HandsMen Products Inventories Marketing Campaigns Reports Dashboards Accounts Contacts

Inventory I-0001

New Contact Edit New Opportunity

Related Details

Inventory Number	I-0001		
HandsMen Product	T-shirt		
Stock Quantity	600		
Stock Status	Available		
Warehouse			
Created By	Leigh Torres, 11/14/2025, 3:37 AM	Last Modified By	Leigh Torres, 11/22/2025, 6:54 PM

Roles

All the users

Watch Japan Movie...

All Bookmarks

SetupHomeObject Manager

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Users

Setup

Users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

Did not find what you're looking for? Try using Global Search.

All Users

Help for this Page

On this page you can create, view, and manage users.
To get more licenses, use the Your Account app. [Let's Go](#)

View: All Users Edit Create New User

New UserReset Password(s)Add Multiple Users

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	Chatter Escord	Chatter	chatt.00000000000000000000000000000000@salesforce.com		✓	Chatter Free User
<input type="checkbox"/>	EPIC_ConfAms	CEPIC	epic.13954164300000000000000000000000@salesforce.com		✓	System Administrator
<input type="checkbox"/>	Mikaelson_Daniel	dmika	daniel5678@gmail.com	Marketing	✓	Platform 1
<input type="checkbox"/>	Mikaelson_Kai	ymika	mikaelson@vival.com	Inventory	✓	Platform 1
<input type="checkbox"/>	Mikaelson_Niklaus	nmika	mikaelson@chicken.com	Sales	✓	Platform 1
<input type="checkbox"/>	Tomas_Leweb	lor	lorrealewb240099@ayestuff.com		✓	System Administrator
<input type="checkbox"/>	User_Information	info	information@00000000000000000000000000000000@salesforce.com		✓	Analytics Cloud Integration User
<input type="checkbox"/>	User_Security	sec	info@00000000000000000000000000000000@salesforce.com		✓	Analytics Cloud Security User

New UserReset Password(s)Add Multiple Users

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

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

Testing the objects

Information

* HandsMen Customer Name

clark

Email

torresleigh240@gmail.com

Phone

Loyalty Status

--None--

FirstName

clark

LastName

mendez

Total Purchases

Owner

Leigh Torres

Cancel

Save & New

Save



HandsMen Customer "clark" was created.



New HandsMen Product

* = Required Information

Information

* HandsMen Product Name

Shorts

Owner

 Leigh Torres

SKU

Price

\$50

Stock Quantity

100

Cancel

Save & New

Save



HandsMen Product "Shorts" was created.



New Inventory

* = Required Information

Information

Inventory Number

* HandsMen Product



Shorts

Stock Quantity

100

Warehouse

Phillipines

Cancel

Save & New

Save



Inventory "I-0003" was created.



Information

HandsMen OrderNumber

Owner

Leigh Torres

HandsMen Product



Shorts



HandsMen Customer



clark



Status

Pending



Quantity

4



Total Amount

* Customer Email

torresleigh240@gmail.com



Cancel

Save & New

Save



HandsMen Order "O-0006" was created.



Phase 5: Deployment, Documentation & Maintenance

In this phase, the completed Salesforce solution is deployed to the production environment using a structured deployment strategy, typically through Change Sets, although tools like Metadata API, SFDX, or DevOps Center may also be used depending on project needs. Once deployed, the system will be maintained through regular monitoring of data quality, automation performance, user activity, and system logs to ensure smooth operation. Routine tasks such as updating validation rules, modifying automation, adding new fields, and resolving user issues will be part of ongoing support. A troubleshooting approach is documented to guide administrators on how to diagnose common problems such as broken automation, missing field permissions, or trigger

errors by checking debug logs, reviewing object configurations, validating user permissions, and testing processes in a sandbox before applying fixes. This ensures long-term stability and continuous improvement of the HandsMen Salesforce system.

Conclusion

The HandsMen Salesforce implementation successfully delivers a streamlined, efficient, and fully integrated system that meets the organization's operational and business requirements. By designing a clear data model, automating core processes, and developing backend logic such as triggers and validations, the platform now supports accurate customer management, product tracking, order processing, inventory control, and marketing coordination. The structured deployment strategy and well-defined maintenance procedures ensure that the system remains stable, scalable, and adaptable to future needs. With complete documentation and a solid troubleshooting framework, the HandsMen team is equipped to manage, optimize, and expand the solution as the business grows. Overall, this project enhances data visibility, improves workflow efficiency, and provides a strong foundation for ongoing digital transformation.