

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

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## **Project Overview:**

- HandsMen Threads is a built-in support for men's fashion trends and focused on quality apparel online.
- It centralized product management such as different types of wearing in men, tracking customers, handling orders and monitoring inventories.
- Features included automated order processing, stock updates, workflow automation and customer management.
- Lastly, it addresses the needs of a business such as accuracy in inventory, organized customer data, reduced manual work, and smooth order fulfillment.

## **Objectives:**

- Create a CRM that improves customer management, order accuracy and efficiency.
- Automate functions like stock updates, status of order and data validation.
- Reduce errors, speed up workflow execution and support decision-making.

## **Phase 1: Requirement Analysis & Planning**

### Understanding Business Requirements

- It needs accurate product catalog management.
- To enhance real-time stock tracking.
- To eliminate manual errors and inconsistent recordkeeping.

### Defining Project Scope and Objectives

- Custom objects such as HandsMen Customer, HandsMen Order, Inventory, and Marketing Campaign.
- Automation of HandsMen Order's approval and stock deduction.
- Validation rules, set assignments, approval processes and flows for the CRM.

### Design Data Model and Security Model

- Entity relationships for HandsMen Customer, HandsMen Order, Inventory.
- Security and Permission sets per user profile.

### Stakeholders Mopping

- Inventory Staff
- Marketing Representatives
- Sale Staff
- System Admin

### Execution Roadmap

- Requirement Gathering
- Object Creation
- Automation Setup
- UI Design
- Testing
- Deployment
- Documentation

### **Phase 2:Salesforce Development - Backend & Configurations**

- Custom objects, fields, validation rules, workflows, flows and approval processes were created to support business operations.
- Apex triggers and classes were also implemented to automate calculations of sales and stock reductions with the help of Apex.

### **Phase 3:UI/UX Development & Customization**

- Lightning App layouts were customized for easy navigation and record handling.
- Dashboards, Reports and Lightning Pages were designed to provide insights into product performance and trends.

### **Phase 4:Data Migration, Testing & Security**

- Data was imported using Data Loader and Import Wizard to ensure accurate product, customer and inventory records.
- Security was applied through profiles, roles, history trackings and duplicate rules to protect data integrity.
- Test classes showed all logics and covered every feature that was given here in the document.

## Screenshots:

The screenshot displays the Salesforce Developer Console interface. The top section shows the Apex class `InventoryBatchJob` with the following code:

```
1 global class InventoryBatchJob implements Database.Batchable<SObject>, Schedulable {
2
3 global Database.QueryLocator start(Database.BatchableContext BC) {
4
5 return Database.getQueryLocator(
6
7 'SELECT Id, Stock_Quantity__c FROM Product__c WHERE Stock_Quantity__c < 10'
8
9 );
10
11 }
12
13 global void execute(Database.BatchableContext BC, List<SObject> records) {
14
15 List<HandsMen_Product__c> productsToUpdate = new List<HandsMen_Product__c>();
16
17 // Cast SObject list to Product__c list
18
19 for (SObject record : records) {
20
21 HandsMen_Product__c product = (HandsMen_Product__c) record;
22
23 product.Stock_Quantity__c += 50; // Restock logic
24
25 productsToUpdate.add(product);
26
27 }
```

The bottom section shows the Logs tab with a table of log entries:

User	Application	Operation	Time	Status	Read	Size
heanna Gonzalez	Unknown	/services/data/v65.0/L...	21/11/2025, 19:20:58	Success	Unread	2.89 KB
heanna Gonzalez	Unknown	ApexTestHandler	21/11/2025, 19:17:58	Success	Unread	523 bytes
heanna Gonzalez	Unknown	ApexTestHandler	21/11/2025, 19:17:58	Success	Unread	2.2 KB
heanna Gonzalez	Unknown	ApexTestHandler	21/11/2025, 19:16:23	Success	Unread	523 bytes
heanna Gonzalez	Unknown	ApexTestHandler	21/11/2025, 19:16:21	Success	Unread	2.19 KB

At the bottom of the logs table, there is a filter button and a link to filter the log list.

Figure 1: Apex Class and Apex Triggers

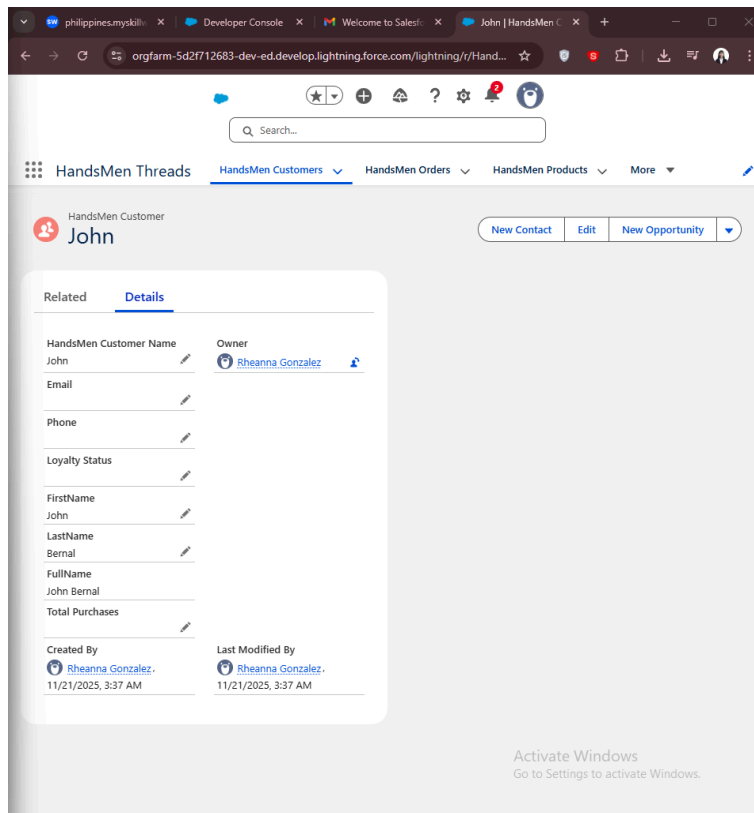


Figure 2: HandsMen Customer

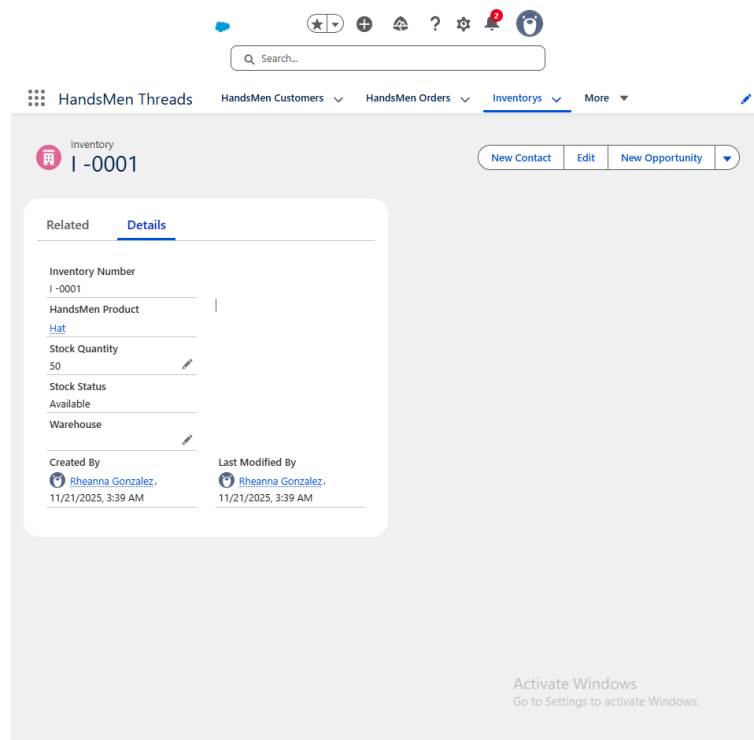


Figure 3: Inventory

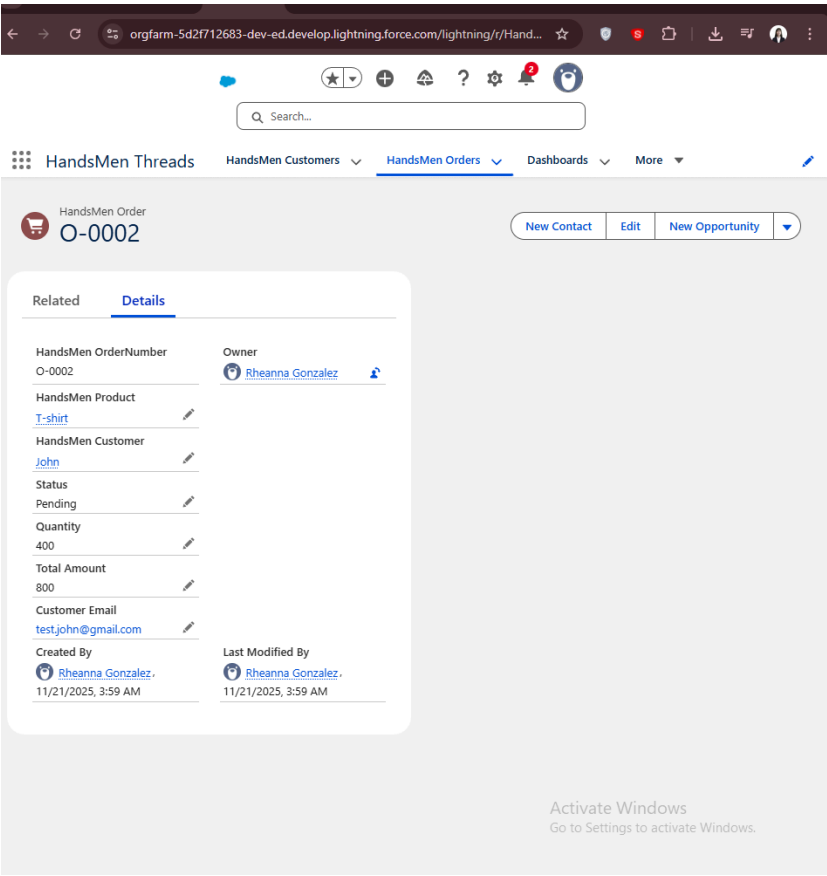


Figure 4: HandsMen Orders

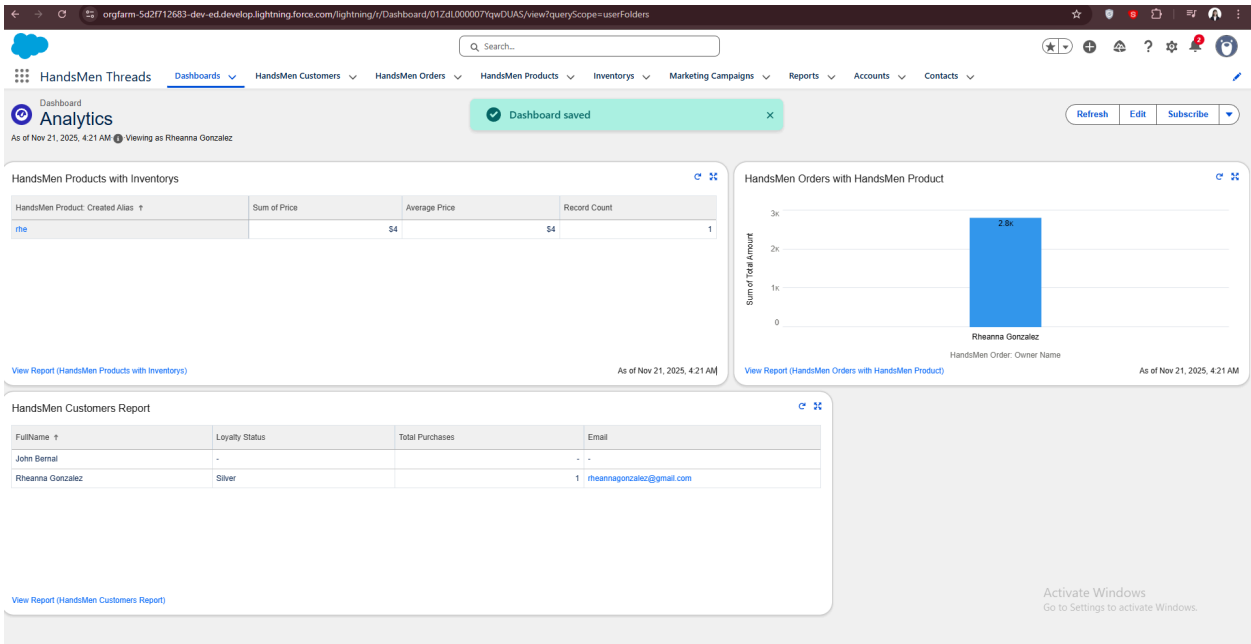


Figure 5: Dashboard

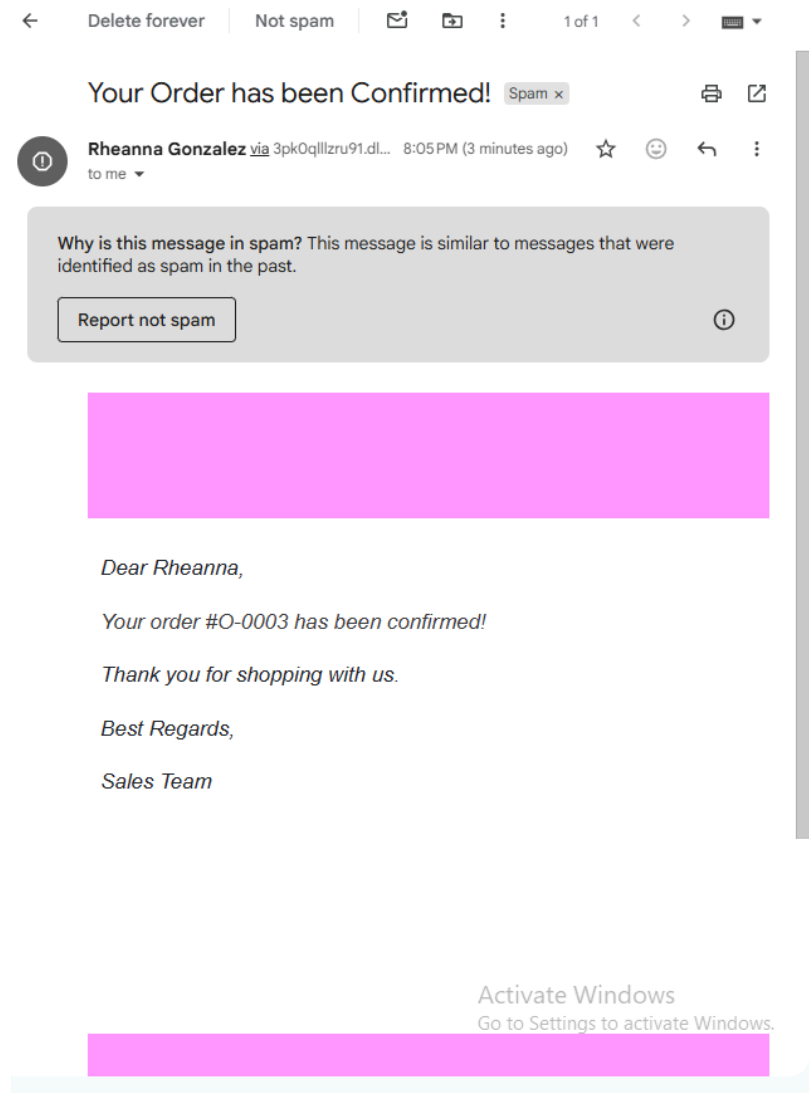


Figure 6: Email Trigger/Warning

### Phase 5:Deployment, Documentation & Maintenance

- Deployment was carried out using change sets, followed by verifications and final configuration in the system.
- Troubleshooting was documented to support future updates and ensure compatibility.

**Conclusion:**

- In conclusion, HandsMen Threads CRM successfully made core features of product management, order processing and inventory tracking while providing an efficient experience for both users and customers.
- With flows, organized data and structured workflows, the system enhances efficiency, reduces errors and supports the brand's business logic.