

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 shows the Salesforce Developer Console interface. The top navigation bar includes tabs for 'File', 'Edit', 'Debug', 'Test', 'Workspace', 'Help', and several recent items. The current tab is 'InventoryBatchJob.apxc'. Below the tabs, there are dropdowns for 'Code Coverage: None' and 'API Version: 65'. The main area displays the Apex code for the `InventoryBatchJob` class:

```
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    global void execute(Database.BatchableContext BC, List<SObject> records) {
13
14        List<HandsMen_Product__c> productsToUpdate = new List<HandsMen_Product__c>();
15
16        // Cast SObject list to Product__c list
17
18        for (SObject record : records) {
19            HandsMen_Product__c product = (HandsMen_Product__c) record;
20
21            product.stock_quantity__c += 50; // Restock logic
22
23            productsToUpdate.add(product);
24
25        }
26    }
27 }
```

Below the code editor is a 'Logs' section. The table has the following columns: Log, Application, Operation, Time, Status, Read, and Size. The data is as follows:

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	Go Unread	2.19 KB

A tooltip 'Active Windows' is visible over the last log entry.

Figure 1: Apex Class and Apex Triggers

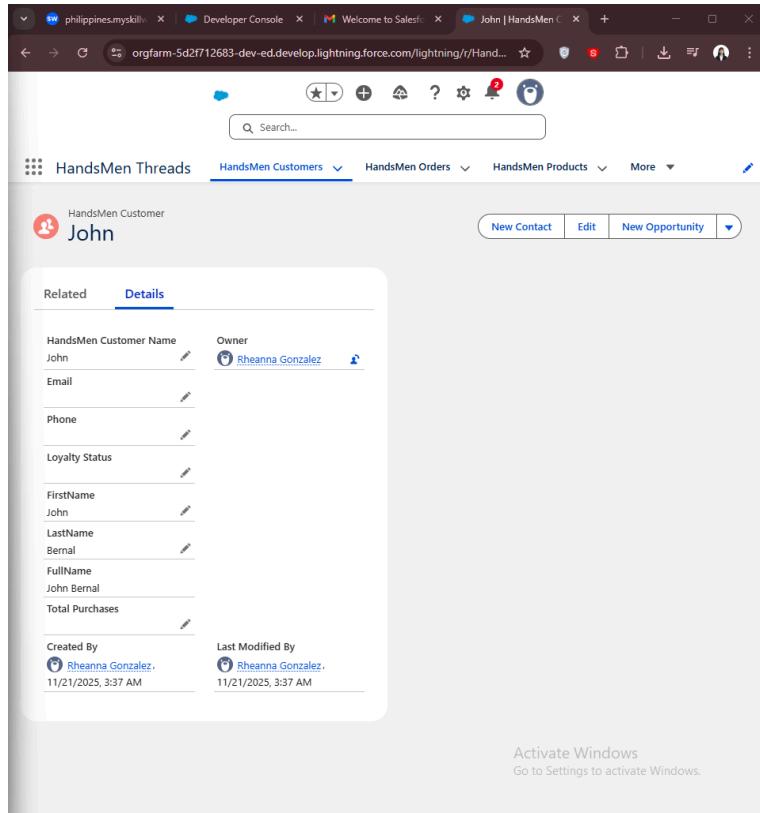


Figure 2: HandsMen Customer

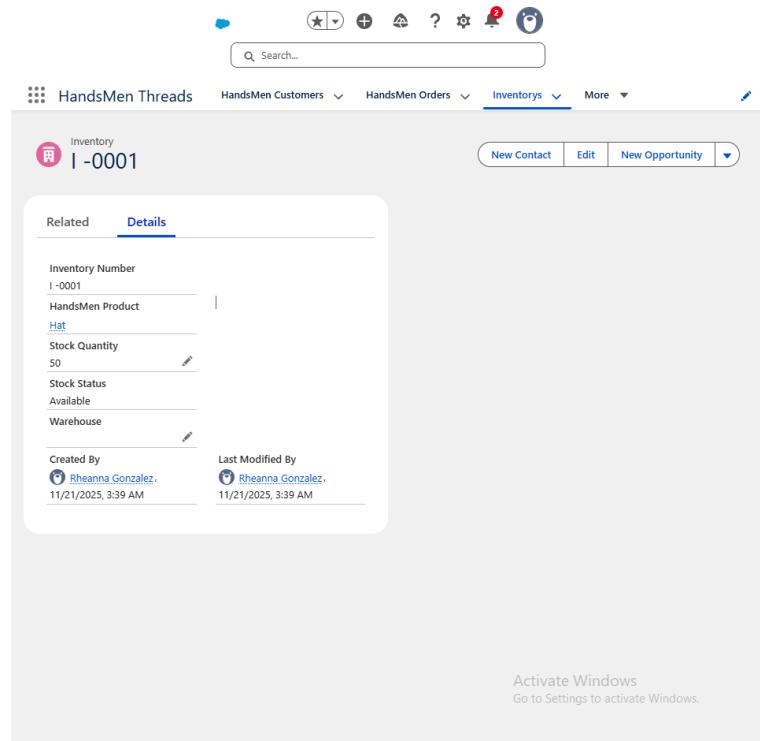


Figure 3: Inventory

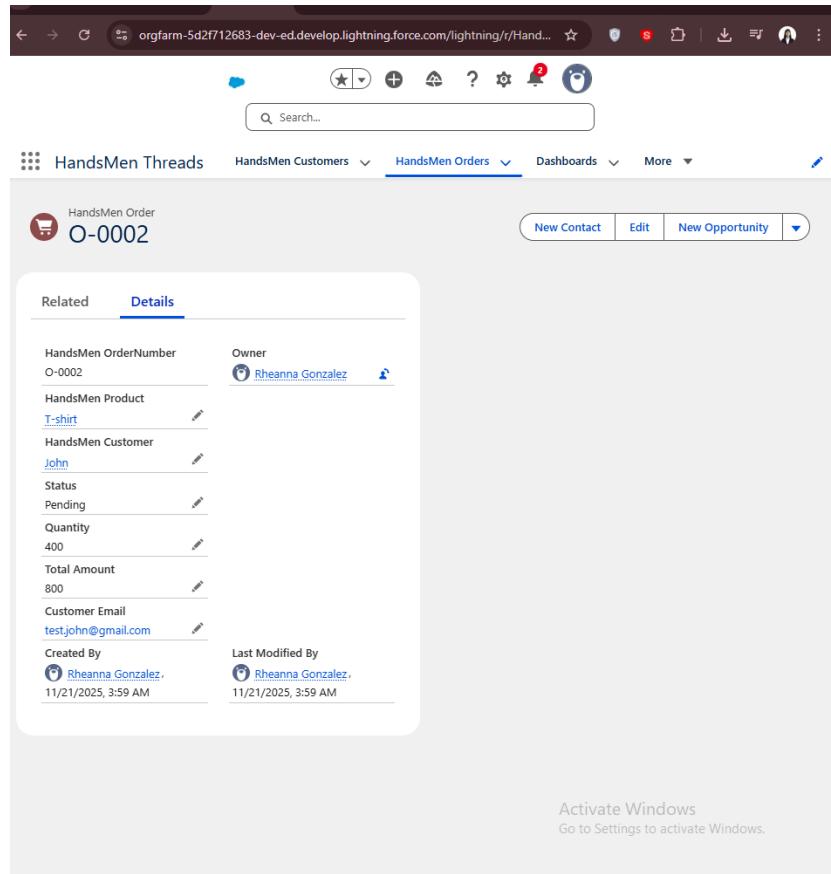


Figure 4: HandsMen Orders

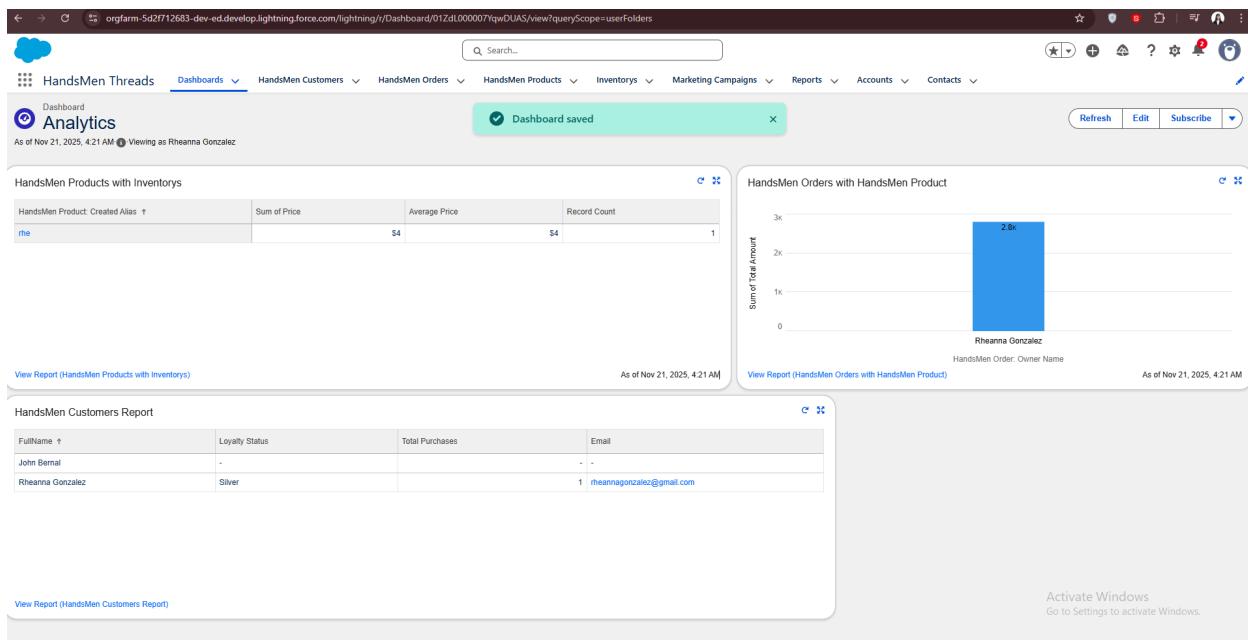


Figure 5: Dashboard

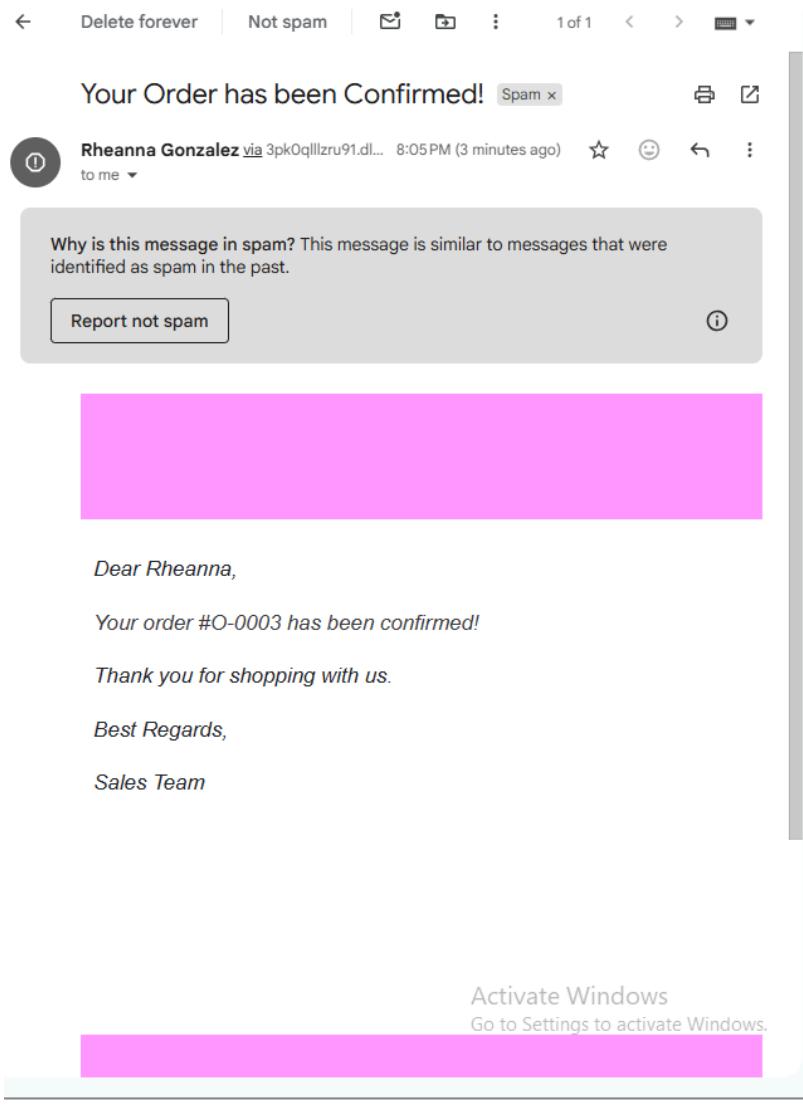


Figure 6: Email Trigger/Warning

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.