

Project Execution Phase

Outputs

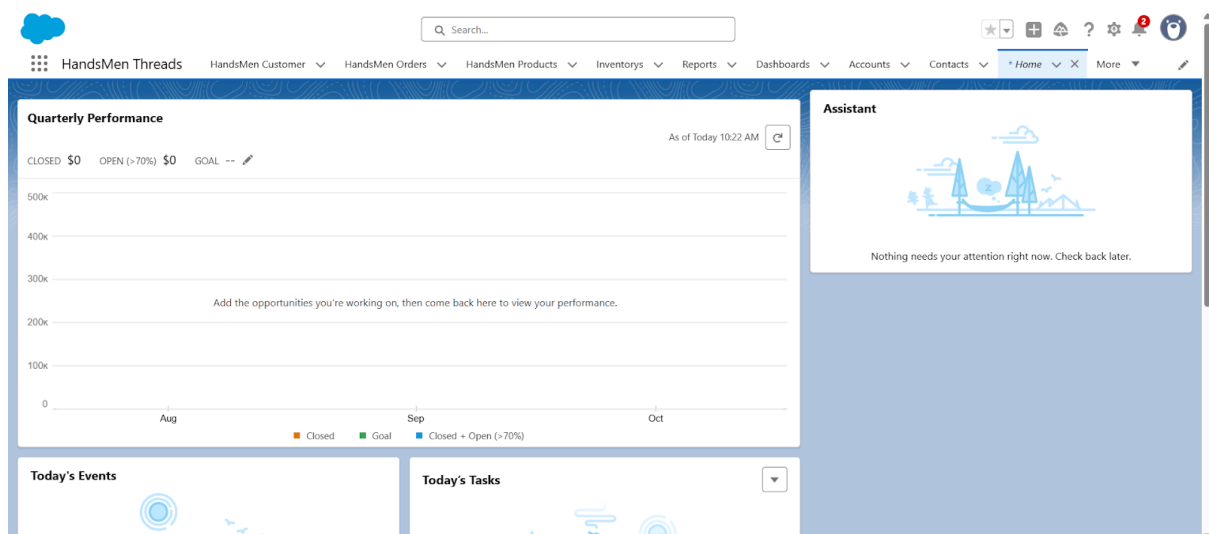
Date	18 July 2025
Name	Motapothu Hima Sai Sindhu
Project Name	HandsMen Threads – Elevating the Art of Sophistication in Men’s Fashion

Outputs Generated:

The HandsMen Threads project successfully delivered several functional and automated outputs through Salesforce customization and automation. These outputs reflect the working features, business logic, and user interactions that were implemented based on real-world fashion retail scenarios.

1. Functional Salesforce Application

- A fully functional **Lightning App** named **HandsMen Threads** with navigation tabs for:
 - HandsMen Customer
 - HandsMen Product
 - HandsMen Order
 - Inventory
 - Marketing Campaign
 - Reports and Dashboards



2. Data-Driven Customer Profiles

- Custom records with fields for:
 - Name, Email, Phone
 - Loyalty Status (Gold/Silver/Bronze)
 - Total Purchases
- Loyalty status auto-updated via **scheduled flow**

The screenshot shows the Salesforce Setup interface for the 'HandsMen Customer' object. The 'Fields & Relationships' tab is selected, displaying a list of 11 fields. The fields are sorted by label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status. The fields listed are: Created By, Email, FirstName, Full_Name_c, HandsMen Customer Name, Last Modified By, LastName, Loyalty Status, and Owner. The 'HandsMen Customer Name' field is highlighted in blue, indicating it is the primary name field.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Email	Email_c	Email		
FirstName	FirstName_c	Text(18)		
Full_Name_c	Full_Name_c_c	Formula (Text)		
HandsMen Customer Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
LastName	LastName_c	Text(18)		
Loyalty Status	Loyalty_Status_c	Picklist		
Owner	OwnerId	Lookup(User,Group)		✓

3. Automated Order Processing

- Auto-numbered order records with proper validations:
 - Quantity > 0
 - Amount > 0
- Apex trigger enforces quantity limits based on status (Confirmed/Pending/Rejection)
- Record-triggered flow sends order confirmation email to customers

4. Inventory Management & Automation

- Real-time inventory updates tied to products
- Validation rule prevents negative stock values
- **Batch Apex job** automatically **restocks products with low stock (<10)**
- **Scheduled Apex execution** running daily via cron expression

SETUP Scheduled Jobs

All Scheduled Jobs

The All Scheduled Jobs page lists all of the jobs scheduled by your users. Multiple job types may display on this page. You can delete scheduled jobs if you have the permission to do so.

Percentage of Scheduled Jobs Used: 1%
You have currently used 1 scheduled Apex jobs out of an allowed organization limit of 100 active or scheduled jobs. To learn about how this limit is calculated and what contributes to it see the [Lightning Platform Apex Limits](#) topic.

View: [All Scheduled Jobs](#) [Create New View](#)

Action	Job Name	Submitted By	Submitted	Started	Next Scheduled Run	Type	Cron Trigger ID
Manage Del Pause Job	Daily Inventory Sync	HIMA SAI SINDHU MOTAPOTHU	7/18/2025, 1:09 AM		7/19/2025, 12:00 AM	Scheduled Apex	08egK000007emmg
Del	Loyalty_Status_Update_Flow-1	HIMA SAI SINDHU MOTAPOTHU	7/18/2025, 12:24 AM		7/25/2025, 9:00 AM	Scheduled Flow	08egK000007eB0X
Del	MetaMatics Data Loader Job for Org : 00DgK000000g2eb	User_Integration	7/3/2025, 7:29 AM	7/18/2025, 7:20 AM	7/19/2025, 7:20 AM	Autonomous Data Loader Job	08egK000006U00X
	Program Milestone Computation Cron Job	Process, Automated	7/3/2025, 7:29 AM	7/18/2025, 7:00 AM	7/18/2025, 11:59 AM	Program Milestone Computation Cron Job	08egK000006U0IV
	Program Status Update Cron Job	Process, Automated	7/3/2025, 7:29 AM	7/18/2025, 5:01 AM	7/18/2025, 8:00 PM	Program Status Update Cron Job	08egK000006U0IW

5. Marketing Campaign Integration

- Campaigns linked to specific customers via lookup relationships
- Campaign records include:
 - Campaign Name
 - Start and End Dates
- Campaign participation used for **targeted email alerts**

Marketing Campaigns

Recently Viewed

2 items • Updated a few seconds ago

☐ Marketing Campaign Number

1	<input type="checkbox"/> MC-0002
2	<input type="checkbox"/> MC-0001

6. Email Automation

- Email templates used to send:
 - Order confirmations
 - Low stock alerts to inventory manager
 - Loyalty program messages
- Triggered via Flows and Email Alerts for real-time communication

SETUP
Email Alerts

All Email Alerts Help for this Page

Email alerts are used to send emails from a flow or other automation.

View: **All Email Alerts** [Create New View](#)

Action	Description	Email Template Name	Object	Last Modified Date
Edit Del	Order Confirmation Email Alert	Order_Confirmation_Email	Order	7/13/2025
Edit Del	Stock Quantity Low Alert	Low Stock Alert	Inventory	7/17/2025

[New Email Alert](#)

7. User Role-Based Access Control

- Roles created: **Sales, Inventory, Marketing**
- Profile: **Platform 1** with specific object permissions
- Permission Sets added for secure access to key objects

SETUP
Roles

Your Organization's Role Hierarchy

[Collapse All](#) [Expand All](#) [Show All Users View](#)

- [-] **Ideal Institute of Technology**
 - [-] **CEO** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **CFO** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **COO** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **Inventory** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **Marketing** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **Sales** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **SVP, Customer Service & Support** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **Customer Support, International** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **Customer Support, North America** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **Installation & Repair Services** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)
 - [-] **SVP, Human Resources** [Add Role](#) [Edit](#) | [Del](#) | [Assign](#)

8. Validation and Error Handling

- Data validation rules generate user-friendly errors for:
 - Invalid emails
 - Zero/negative quantities or amounts
- Apex `addError()` methods guide users during data entry mistakes

Conclusion:

The outputs demonstrate a successful implementation of a **smart, automated, and user-centered fashion retail system** using Salesforce. It supports customer management, product tracking, inventory control, order validation, email alerts, and loyalty updates—delivering the project's core goal of **elevating men's fashion with sophistication and efficiency**.