

# HandsMen Threads Salesforce Project

## Project Summary

### About Me:

I am a final year B.Tech student at LNCT, actively exploring Salesforce technology through the SmartBridge Internship Program. This project is a hands-on experience in building a complete Salesforce application, focusing on real business use cases like order management and customer engagement.

Project Title: HandsMen Threads Salesforce CRM Solution

### Description:

HandsMen Threads is a fashion-based company streamlining operations using Salesforce. The project includes:

1. Data modelling to create business-specific objects.
2. Automating processes like:
  - Order Confirmation Emails
  - Loyalty Program Updates
  - Stock Alert Notifications
  - Bulk Order Processing
3. Enhancing data quality and system integration.
4. Custom UI via Lightning App.

### What I Learned:

- Data Modelling & Custom Object Creation
- Lightning App Builder
- Validation Rules & Data Quality Measures
- Flows (Record-Triggered & Scheduled)
- Apex & Apex Triggers (Sync & Async)
- Email Templates
- Permission Sets and Roles

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Tools Used:

- Salesforce Developer Org
- VS Code with SFDX CLI
- Git & GitHub

Special Thanks:

SmartBridge, LNCT College, Mentors and my teammates.

Step-by-Step Project Setup:

1. Create Salesforce Developer Org at [developer.salesforce.com/signup](https://developer.salesforce.com/signup)
2. Set up the HandsMen Customer Object via Object Manager
3. Create custom tabs and Lightning app
4. Add necessary navigation items (objects, reports)
5. Create fields and validation rules
6. Create roles (e.g. Sales) and assign permissions using permission sets
7. Design classic email templates (Order Confirmation)
8. Create flows for order confirmation and bulk order updates
9. Deploy components using VS Code and push to GitHub

To Run This Project:

- Clone the repository
- Authenticate with your Dev Org using SFDX: ``sfdx force:auth:web:login -a handsmenOrg``
- Deploy metadata: ``sfdx force:source:deploy -p force-app/main/default``
- Open Salesforce: ``sfdx force:org:open``

## Entity Relationship Diagram

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