Phase 3 - Implement Frameworks the DevOps way

**Flow Chart:**

Login Page

Add Product

List Products

View Order Details

Place Order

Purchase products

View Purchase Report

View Users

Manage Products

User Dashboard

Admin Dashboard

Admin

User

**Technologies used:**

Spring Boot

Hibernate

JPA

MySQL

JSP

**Product Description:**

We have two types of logins –

**Admin:**

This user has access to 3 options:

1. Manage Products – Add a product and View of products
2. View List of Signed-up Users
3. View purchase repot

**User:**

These users can purchase a product and place order. Also, they can view their items in the cart and check out from there. Then they can view their placed order and the items in it. They have option to view all their previous orders as well.

**Conclusion:**

This is a prototype to show an e-commerce functionality where a user can place an order or an admin can manage these order or products. We have separate functionally for both admin and users. These can be enhanced by implementing the Spring Security technology. Also, we can further implement the proper validation of the functionalities used in this project. Using various technologies like CSS, JavaScript, we can improve user interaction through web pages.