

# Project: **Medicare Project**

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GitHub Link: [SwatiJajoriya/Medicare-Project \(github.com\)](https://github.com/SwatiJajoriya/Medicare-Project)

## Project Description:

Created a dynamic and responsive Java e-healthcare web application for ordering medicines and other Products of different categories.

As the management provided us with the requirements and their business model, we have designed the application with different components also to keep in mind that it should be Responsive and compatible with different devices.

We have integrated the following features into the Website:

- User Registration
- Admin/User Login
- Payment gateway
- Admin/User Searching
- Admin/User Filtering
- Admin/User Sorting
- Dynamic data
- Responsive and compatible with different devices

### **Admin Portal::**

- Admin login page where admin can change password after login if he/she wants to
- List of Products available for the User.
- Admin and User both will be able to Search, Filter or can Sort the Products as per their requirements.
- Admin can see the Purchase History as soon as the payment is made by the Users.
- Admin can see the List of Users logged in to the Website.
- Admin and Bank details are Inserted via Postman.
- Admin can Add or remove medicine details from the application to build a rich product line
- Admin can Edit medicine details like name, price, seller, product description, and offers to keep the product information updated with the current prices
- Admin can keep the Availability of the products.

### **User Portal:** .The end-user will be able to:

- Sign-in to the application to maintain a record of activities
- Search for products based on the search keyword
- Apply filters and sort results based on different cuisines to get the best deals
- Add all the selected Products to the cart and customize the purchase at the end
- Perform a seamless payment gateway
- Get an order summary details page once the payment is complete

## **Technology Used:**

**BackEnd :**Spring MVC Framework, Spring Restful – POSTMAN, JPA

**ORM-**Hibernate

**FrontEnd :** JSP, HTML, CSS, BootStrap

**Database management: :** MySQL

**Server:** Tomcat Server

## **SPRINT Planning:**

Understand the problem statement of the project.

Creating Spring Starter Project.

Adding necessary dependencies in pom.xml file.

Creating Rest Controller, Service, Repository Interface as well as Entity Packages and Classes needed for Back End testing in POSTMAN.

Creating Spring MVC Controller, Service, Repository Interface as well as Entity Packages needed for working with JSP Pages.

Writing JPA-Hibernate template to connect with the database MySQL.

For the Front end, used JSP along with Html, CSS and Bootstrap for the designing.

Tested at each module for different user inputs.

Created the flow chart of the application.

Initializing the git repository.

Pushing the code to the GitHub

Created the Specification document for showing the Product's capabilities, appearance and the user interactions

## FLOW CHART OF THE APPLICATION

