

# CAPSTONE PROJECT MEDICARE SPECIFICATION DOCUMENT:

## Description:

To develop a dynamic and responsive web application for online ordering of medicines through Medicare Application. Medicare is a company that supplies medicines and a couple of other healthcare essentials at an affordable price. It was established in 2012 in Delhi, India.

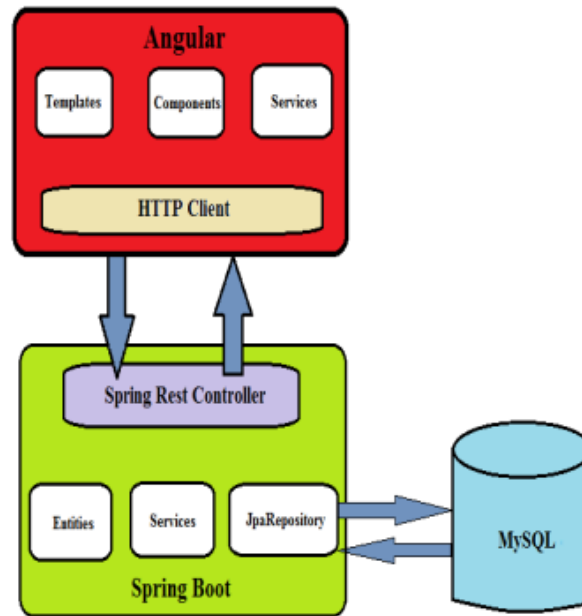
## Project Features:

1. Medicare application is made specifically to the required business needs. It is completely flexible and scalable to business demands and growth.
2. The whole application is a Single Page Application that is more efficient in terms of processing and provides a seamless user experience.
3. The application web pages are responsive and secure.
4. The application has one Administrator. The Admin Portal features are:
  - The admin can login with username and password in admin portal.
  - The admin can add or remove medicine details.
  - Edit medicine details like name, price etc., to keep the product information updated with current prices. Enable or disable the medicines.
5. The application has a user portal. The User Portal features are:
  - Sign up and login with username and password.
  - The User can maintain the record of activities.
  - Search for products based on the search keyword.
  - Apply filters and sort results based on different categories.
  - Add the product to cart and customize the purchase at the end.
  - Experience a seamless payment experience. • Receive an order summary once the payment is successful.

## Concepts Involved in the project:

- Angular framework for frontend UI's.
- Spring boot framework for backend.
- MySQL Database for storing all the data.
- HTML, Bootstrap 4.
- Typescript.
- Spring Security and JWT Authentication.
- Spring Data Jpa, Spring Web.

**Architecture:**



**GitHub Link:**

<https://github.com/SandeepKumarPamu/Medicare.git>