

# A FULL STACK DEVELOPMENT CAPSTONE PROJECT

## Medicare

- **Version History:**

1.	<b>Author Name</b>	Boppapuram Uday.
2.	<b>Purpose</b>	Specification of Project and Sprint Work.
3.	<b>Date</b>	25 April 2023.

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## ***1. Introduction.***

Medicare is an online Medicine delivery web application for ordering medicine items of different stores from a medical stores.

Medicare is a Medicine chain that delivers medical items of different items at affordable prices.

## ***2. Project GitHub Link.***

<b>Repository Name.</b>	Medicare-Capstone-Project
<b>GitHub Link.</b>	<a href="https://github.com/UdayBoppapuram/Medicare/">https://github.com/UdayBoppapuram/Medicare/</a>

### ***3. Modules in the Project.***

- a. Registration Page.
- b. Login Page.
- c. User Login.
- d. Admin Login.
- e. Dashboard.
- f. Search Products.
- g. Add Cart/View Cart.
- h. Add Cart/View Categories
- i. Add Cart/View users
- j. Modify order status.
- k. View Previous Active Orders.
- l. Payment Gateway Page.
- m. Order Summary Confirmation Page.

### ***4. Technology Used in the Project.***

a. Front End:

HTML.

CSS3 and Bootstrap4.

TypeScript.

Angular, Angular Material for View.

b. VS Code: As an IDE to design frontend of the application.

c. Git: To connect and push files from the local system to GitHub.

d. Scrum: An efficient agile framework to deliver the product incrementally.

e. Back End:

Eclipse IDE.

Java Programming.

Searching and Sorting

Spring Boot DevTools.

Spring Web and Spring Data JPA.

f. Testing and DevOps:

Selenium.

Jenkins.

Docker and TestNG.

## ***5. Sprint Wise Work.***

The Sprints have been planned of how the developer can develop with the User interface development and also with the time span of the project was managed within 3 weeks of completion.

So, each sprint was planned as per the schedule of 4 days for development and one day for testing and the other day for the bug Fixes.

<b>Epic</b>	<b>User Story Id</b>	<b>Feature/Title</b>	<b>User story</b>
<b>Customer can register into application, if customer is already registered then customer should login into application. Until Customer Login or Register they can't continue shopping</b>	US101	Customer can login into application	As a customer, I want be able to enter email as username and Password So that I can Login to E-Commerce site.
	US102	Customer can Register into application	As a customer, I want be able to enter required details. So that I can Register and Login to E-Commerce site.
	US103	Customer can Add Products into cart if and only if they register or login	As a customer, I can add products into cart only when I am logged in, so that all my cart records will save for later.
<b>Customer can Filter or Search the products to find the products easily and Add products to cart)</b>	US201	Customer can Filter products	As a customer, I want to be able to Filter the product according to stores, So that I can find products easily
	US202	Customer can Search products	As a customer, I want to be able to Search the product according to stores , So that I can find products easily
	US203	Add Products to Cart	As a customer, I want to be able to add products into cart, So that I can proceed to payment and finilize order
<b>Customer can View Cart, Edit cart and Proceed to Payment Gateway</b>	US301	View Cart items and Grand Total	As a customer, I want to be able to view cart items and Grandtotal, So that I can finilize the order if I am ok with products

	US302	Edit Cart or Cart operations	As a customer, I want to be able to edit cart, So that I can edit quantity of product or remove items from cart.
	US303	Go to Checkout or Back to products	As a customer, I want to proceed to next to checkout, So that I can confirm my order by paying amount.
	US304	View Order Summary and print order confirmation	As a Customer, I want to view order summary, So that I can view Transaction Id and Print Order summary
<b>Admin can login, Manage Products, Manage Users, Manage Purchases</b>	US401	Login to Admin Portal	As a Admin, I want to login to Application, So that I can view and Manage products, Manage Users and Manage Purchases
	US402	Manage Products	As a Admin I want to Manage Products, So that I can View, Add , Update and Delete list of products.
	US403	Manage Users	As a Admin I want to Manage Users, So that I can View Customers registered and their orders and delete customers.
	US404	Manage Purchases	As a Admin I want to Manage purchases, So that I can view or delete orders placed by customers.
<b>Testing and Bug Fixes.</b>	US501	Testing and Deployment	Testing of Project and Deployment.

# About the Online Medicine Ordering System

I developed this project using the following:

- **XAMPP v3.3.0**
- **PHP**
- **MySQL Database**
- **HTML**
- **CSS**
- **JavaScript**
- **Ajax**
- **jQuery**
- **Bootstrap**
- **Font Awesome**
- **AdminLTE**

This **Online Medicine Ordering System** has two sides of the user interface which are the **Management Panel/Admin Panel** and the **Public/Customer Site**.

The **Public Site** is accessible to anyone. Customers can explore different kinds of medicinal drugs does the Pharmacy is selling. Here the customer or possible customer of the said business can **List their Medicine to Purchase on the Car** for paying it later at once. In order for the customer to gain access to the said feature, he/she is required to register and log in to the site. A new customer can simply create their account by filling all the required fields on the Registration Form without any hassle. Customer can also list their orders where they can also track the status of their orders.

The **Management Site/Panel** is the side of the system that is accessible only to the management. This site requires valid user credentials in order to gain access to the features and functionalities of the said side. The users have 2 different roles which are the **Administrator** and **Staff**. The **Administrator** users have the privilege to access and manage all the features and functionalities while the **Staff Users** only have limited permission. This site is the side of the system where the management can manage their products, inventory, and customer orders. The admin users can generate the Printable Daily Sales Report on this side.



# Features

## Customer/Public-Site

- Login and Registration
- Home Page
- Product List Page
- Product Details Page
- Add Product to Shopping Cart
- List all Items in Shopping Cart
- Update Product Quantity in Shopping Cart
- Place Order
- List Orders
- View Order Details
- Update Account Details/Credentials
- 'About Us' Content Page
- 'Contact Us' Content Page
- Logout

## Management-Site

- **Home Page**
  - Display the summary.
- **Category Management**
  - Add New Category
  - List All Categories
  - Edit/Update Category Details
  - View Category Details
  - Delete Category
- **Product Management**
  - Add New Product
  - List All Products
  - Edit/Update Product Details
  - View Product Details
  - Delete Product
- **Inventory Management**
  - Add New Stock Entry
  - List All Stock Entry
  - Edit/Update Stock Entry Details
  - Delete Stock Entry
- **Order Management**
  - Add New Order
  - List All Orders
  - List Filtered Orders by Status
  - View Order Details
  - Update Order Details
  - Update Order Status
  - Delete Order

- **Report**
  - Generate Printable Daily Sales Report
- **Customer Management**
  - Add New Customer
  - List All Customers
  - Edit Customer Details
  - Delete Customer Details
- **User Management**
  - Add New User
  - List All Users
  - Edit User Details
  - Delete User Details
- **Update Contact Information**
- **Update System Information**
- **Update Account Details/Credentials**
- **Login and Logout**

The source code was developed only for educational purposes only. You can download the source code for free and modify it the way you wanted.

## How to Run ??

### Requirements

- **Download and Install** any **local web server** such as **XAMPP**.
- **Download** the provided source code **zip** file. (From github: <https://github.com/UdayBoppapuram/Medicare>)

### System Installation/Setup

1. **Enable** the **GD Library** in your **php.ini** file.
2. **Open** your **XAMPP Control Panel** and start **Apache** and **MySQL**.
3. **Extract** the **downloaded source code zip file**.
4. **Copy** the extracted source code folder and **paste** it into the **XAMPP's "htdocs" directory**.
5. **Browse** the **PHPMyAdmin** in a **browser**. i.e. <http://localhost/phpmyadmin>
6. **Create** a **new database** naming **omos\_db**.
7. **Import** the provided **SQL** file. The file is known as **omos\_db.sql** located inside the **database** folder.
8. Use this link to open user interface: <http://localhost/Medicare/>
9. Use this link to open admin interface: <http://localhost/Medicare/admin/>

**THANK YOU.....**

**-B.UDAY**