

## **Capstone Project:**

# Medicare

## **Document contains:**

- Project and developer details
- Sprints planned and the tasks achieved in them
- Core concepts used in the project
- Links to the GitHub repository to verify the project completion

## **Project and developer details**

### **DESCRIPTION**

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

Background of the problem statement:

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. It had been serving fine all these years, however, the business analysts noticed a decline in sales since 2017. They found out that online ordering of medicines with companies, such as 100mg and mfine are gaining more profits by eliminating middlemen from the equation. As a result, the team decided to hire a Full Stack developer to develop a healthcare web application with a rich and user-friendly interface.

You are hired as the Full Stack Java developer and are asked to develop the web application. The management team has provided you with the requirements and their business model so that you can easily arrange different components of the application.

Features of the application:

1. Registration
2. Login
3. Payment gateway
4. Searching

5. Filtering
6. Sorting
7. Dynamic data
8. Responsive and compatible with different devices

### **Admin Portal:**

The admin portal deals with all the backend data generation and product information. The admin user should be able to:

Add or remove medicine details from the application to build a rich product line

Edit medicine details like name, price, seller, product description, and offers to keep the product information updated with the current prices

Enable or disable a medicine product

### **User Portal:**

It deals with the user activities. The end-user should 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 food items 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

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### **Sprints planned and the tasks achieved in them**

There are four sprints for this project

Sprint-1: Studied the Features of application and created Git Repository.

Sprint-2: Medicare backend created using spring boot and tested backend API

Sprint-3: Medicare frontend created using spring boot and connected with backend.

Sprint-4: Medicare application all features is tested.

### **Recommended technologies**

Database management: MySQL

Backend development: Java programming, Eclipse, Spring Boot

Frontend development: JSP, Angular, Bootstrap, HTML/CSS.

# Output

## 1. Starting of backend Spring Boot Application.

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the `medicareBackend` project structure under the `[boot] [devtools]` icon.
- Product.java Content:** Displays the Java code for the `Product` entity class.
- Console Log:** Shows the application startup logs for `MedicareBackendApplication`. Key entries include:
  - INFO 9816 --- [ restartedMain] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
  - INFO 9816 --- [ restartedMain] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.6.11.Final
  - INFO 9816 --- [ restartedMain] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}
  - INFO 9816 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
  - INFO 9816 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
  - INFO 9816 --- [ restartedMain] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQL8Dialect
  - INFO 9816 --- [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.transaction.JBossJtaPlatform]
  - INFO 9816 --- [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit
  - WARN 9816 --- [ restartedMain] JpaBaseConfiguration\$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, liveReload server is running on port 35729
  - INFO 9816 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port(s): 8088 (http) with context path
  - INFO 9816 --- [ restartedMain] com.backend.MedicareBackendApplication : Tomcat started on port(s): 8088 (http) with context path
  - INFO 9816 --- [ restartedMain] com.backend.MedicareBackendApplication : Started MedicareBackendApplication in 11,01 seconds (JVM)

## 2. opening of vs code.

The screenshot shows the Visual Studio Code interface with the following details:

- Explorer:** Shows the `MEDICAREFRONTEND` project structure under the `.angular` folder.
- app.module.ts Content:** Displays the TypeScript code for the `app.module.ts` file.
- Bottom Status Bar:** Shows the message "Activate Windows Go to Settings to activate Windows."

The screenshot shows the Visual Studio Code interface with the file `app.module.ts` open. The code defines an Angular module with various imports and declarations. The imports include components like `UserLoginComponent`, `AdminLoginComponent`, `AddProductComponent`, `UpdateProductComponent`, `AdminHomeComponent`, `Ng2SearchPipeModule`, `HomepageComponent`, `AllProductsComponent`, `MedicineProductComponent`, `PersonalcareProductComponent`, `BabycareProductComponent`, `VitaminsProductComponent`, `HealthProductComponent`, `ProfileComponent`, `UserupdateComponent`, `CartpageComponent`, `PaymentpageComponent`, `OrderpageComponent`, and `SucesspageComponent`. The declarations section lists components such as `AppComponent`, `LandingPageComponent`, `UserRegistrationComponent`, `UserLoginComponent`, `AdminLoginComponent`, and `AddProductComponent`.

```
10 import { UserLoginComponent } from './user-login/user-login.component';
11 import { AdminLoginComponent } from './admin-login/admin-login.component';
12 import { AddProductComponent } from './add-product/add-product.component';
13 import { UpdateProductComponent } from './update-product/update-product.com
14 import { AdminHomeComponent } from './admin-home/admin-home.component';
15 import { Ng2SearchPipeModule } from 'ng2-search-filter';
16 import { HomepageComponent } from './homepage/homepage.component';
17 import { AllProductsComponent } from './all-products/all-products.component';
18 import { MedicineProductComponent } from './medicine-product/medicine-produ
19 import { PersonalcareProductComponent } from './personalcare-product/person
20 import { BabycareProductComponent } from './babycare-product/babycare-produ
21 import { VitaminsProductComponent } from './vitamins-product/vitamins-produ
22 import { HealthProductComponent } from './health-product/health-product.com
23 import { ProfileComponent } from './profile/profile.component';
24 import { UserupdateComponent } from './userupdate/userupdate.component';
25 import { CartpageComponent } from './cartpage/cartpage.component';
26 import { PaymentpageComponent } from './paymentpage/paymentpage.component';
27 import { OrderpageComponent } from './orderpage/orderpage.component';
28 import { SucesspageComponent } from './sucesspage/sucesspage.component';
29
30
31 @NgModule({
32   declarations: [
33     AppComponent,
34     LandingPageComponent,
35     UserRegistrationComponent,
36     UserLoginComponent,
37     AdminLoginComponent,
38     AddProductComponent,
```

### 3. opening the path in cmd and using ng serve code to start angular frontend application.

The screenshot shows a Windows Command Prompt window with the title bar "cmd" and the command "ng serve". The output of the command is displayed, showing the generation of a browser application bundle and the compilation of files. The command was run from the directory `E:\simplilearn\github\final\medicareFrontend`. The output includes a table of initial chunk files and their sizes, a build timestamp, and a message indicating the live development server is listening on port 4200.

```
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

E:\simplilearn\github\final\medicareFrontend>ng serve
Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size
vendor.js | vendor | 2.48 MB |
main.js | main | 735.68 kB |
polyfills.js | polyfills | 318.07 kB |
styles.css, styles.js | styles | 305.45 kB |
runtime.js | runtime | 6.53 kB |

| Initial Total | 3.81 MB

Build at: 2022-12-08T13:35:13.809Z - Hash: cff6e0b0d6409874 - Time: 26853ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

Compiled successfully.
```

#### 4. Running localhost:4200/userhome url and Home page is opened.

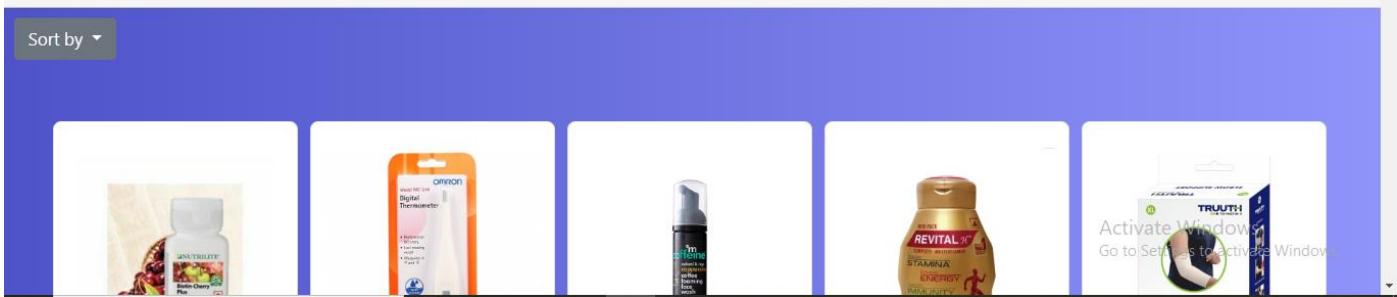
The screenshot shows the Medicare website homepage. At the top, there's a purple header bar with the Medicare logo, a search bar containing 'search for medical products', and navigation links for 'Home', 'Cart', and 'guest'. Below the header, a blue navigation bar includes links for 'All', 'Medicine', 'Baby Care', 'Personal Care', 'Vitamins & Supplements', and 'Health Accessories'. A large banner for Pampers' Baby Destination Reward Program is prominently displayed, featuring a smiling baby and an offer for 'Get ₹ 200 Amazon Voucher'. The main content area below the banner shows a product grid with various items like NUTRILITE BIOTIN-CHERRY PLUS TABLETS, Omron Thermometer, mCaffeine Cappuccino Coffee, Revital H Capsule 60'S, and Truuth Elbow Support. Each product card includes an image, the product name, its price, and an 'Add To Cart' button.

#### 5. All the products are shown in the website application.

This screenshot shows a grid of products from the Medicare website. The products are arranged in two rows of five. The first row includes: NUTRILITE BIOTIN-CHERRY PLUS TABLETS (₹ 593.30), Omron Thermometer Pencil Type (MC-24... (₹ 206.25), mCaffeine Cappuccino Coffee... (₹ 194.65), Revital H Capsule 60'S (₹ 467.50), and Truuth Elbow Support (XL) (₹ 140.00). Each product has an 'Add To Cart' button below it. The second row includes: a nebulizer device, Dr. Morepen Gluco One blood glucose monitoring system, BD Ultra-Fine III Pen Needles, a digital blood glucose meter displaying '108 mg/dL', and a box of Paracetamol Tablets I.P. 500 mg. The background of the page is white, and the overall layout is clean and organized.

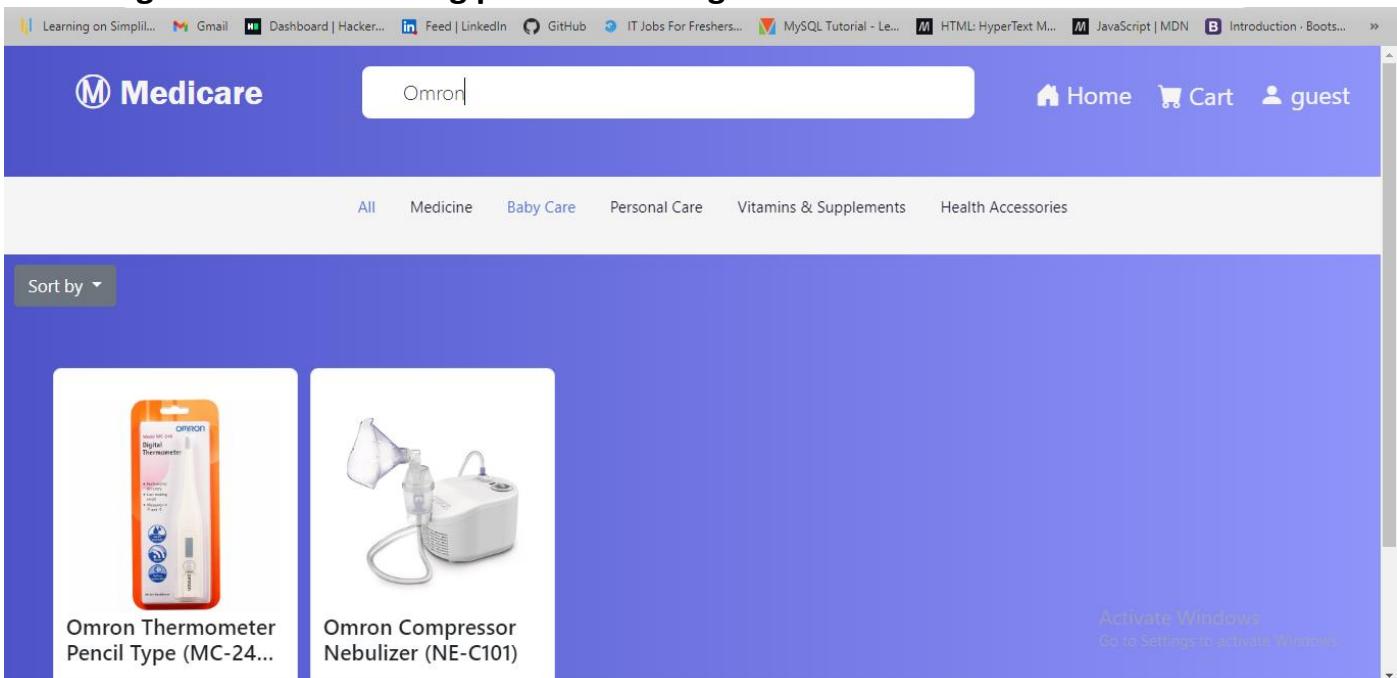


A promotional banner for Pampers' Baby Destination Reward Program. It features a smiling baby sitting on the floor, wearing a diaper. The text "Pampers REWARD PROGRAM" is prominently displayed, along with "Get ₹ 200 Amazon Voucher". The banner is set against a background of blue and white polka dots.



A screenshot showing a list of products on a purple-themed e-commerce platform. The products include a bottle of Blueberry Plus supplement, an Omron Digital Thermometer, a black skincare bottle, a Revital Vitamin Energy drink, and a Truth Health product. A "Sort by" dropdown menu is visible at the top left.

## 6. Using Search it is showing product starting with name.



A screenshot of the Medicare website showing search results for "Omron". The search bar contains "Omron". The results page includes a "Sort by" dropdown, a navigation bar with categories like All, Medicine, Baby Care, Personal Care, Vitamins & Supplements, and Health Accessories, and a guest account indicator. Two products are listed: "Omron Thermometer Pencil Type (MC-24...)" and "Omron Compressor Nebulizer (NE-C101)". A watermark for "Activate Windows Go to Settings to activate Windows" is visible in the bottom right corner.

## 7. Using nav links as filter product by category.

The screenshot shows a website for 'Medicare' with a blue header bar. On the left is the Medicare logo. In the center is a search bar with the placeholder 'search for medical products'. On the right are navigation links for 'Home', 'Cart', and 'guest'. Below the header is a navigation menu with categories: All, Medicine, Baby Care, Personal Care, Vitamins & Supplements, and Health Accessories. A large promotional banner in the center of the page features the text 'Flat 10 to 15% discount on your medicine' and an image of a shopping cart overflowing with colorful pills and capsules.

## 8. all the products in personal care are shown.

The screenshot shows a website displaying a grid of personal care products under the 'Personal Care' category. There are five products shown in a row:

- mCaffeine Cappuccino Coffee... (₹ 194.65) - An image of a black bottle.
- Garnier Skin Naturals Bright Complete... (₹ 179.00) - An image of a white box with yellow accents.
- Durex Condoms - Extra Time 3's (₹ 77.90) - An image of two blue condom packages.
- Patanjali Dant Kanti Tooth Paste - Natur... (₹ 105.00) - An image of two white toothpaste tubes.
- VLCC Insta Glow GOLD BLEACH 30 Gm (₹ 75.00) - An image of a gold-colored box.

Each product card includes an 'Add To Cart' button at the bottom. A 'Sort by' dropdown menu is visible on the left side of the grid. A promotional banner for Windows activation is visible at the top and bottom of the page.

## 9. changing category in nav link

The screenshot shows a website for 'Medicare' with a blue header bar. The header includes a logo, a search bar, and navigation links for Home, Cart, and guest. Below the header, there's a promotional banner for a discount on medicine. The main content area displays a grid of medical products.

Sort by ▾

Activate Windows  
Go to Settings to activate Windows.

Flat 10 to 15% discount on your medicine

All Medicine Baby Care Personal Care Vitamins & Supplements Health Accessories

Medicare

search for medical products

Home Cart guest

Activate Windows  
Go to Settings to activate Windows.

The screenshot shows a grid of five medical products on a website. Each product has an image, a name, a price, and an 'Add To Cart' button. A 'Sort by' dropdown menu is visible on the left side of the grid.

Sort by ▾

Activate Windows  
Go to Settings to activate Windows.

Omron Thermometer Pencil Type (MC-24... ₹ 206.25 <a href="#">Add To Cart</a>	Truuth Elbow Support (XL) ₹ 140.00 <a href="#">Add To Cart</a>	Omron Compressor Nebulizer (NE-C101) ₹ 1927.80 <a href="#">Add To Cart</a>	Dr. Morepen Gluco One Blood Glucose... ₹ 611.28 <a href="#">Add To Cart</a>	Dr. Morepen Gluco One Blood Glucose... ₹ 819.50 <a href="#">Add To Cart</a>
------------------------------------------------------------------------------------	----------------------------------------------------------------------	----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------

Activate Windows  
Go to Settings to activate Windows.

## 10. Trying sort by price low to high

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Flat  
**10 to 15%**  
discount on  
your medicine



Sort by ▾

- Low price-High price
- High price-Low price



Sort by ▾

DIGON 0.25mg Tablet 10's ₹ 12.57 <a href="#">Add To Cart</a>	CROCIN ADVANCE Tablet 20 ₹ 20.36 <a href="#">Add To Cart</a>	DOLOMED 650 Tablet 15's ₹ 27.72 <a href="#">Add To Cart</a>	Insta Glow Gold Bleach 30 Gm ₹ 75.00 <a href="#">Add To Cart</a>	Durex Condoms - Extra Time 3's ₹ 77.90 <a href="#">Add To Cart</a>	BD Ultra Fine Nano Pen 5's ₹ 81.84 <a href="#">Add To Cart</a>	Patanjali Dant Kanti Tooth Paste - Natur... ₹ 105.00 <a href="#">Add To Cart</a>	Nutrela Vitamin B12 Capsul... ₹ 127.50 <a href="#">Add To Cart</a>	Truth Elbow Support (XL) ₹ 140.00 <a href="#">Add To Cart</a>	Garnier Skin Naturals Bright Complete... ₹ 179.00 <a href="#">Add To Cart</a>
mCaffeine Cappuccino Coffee... ₹ 194.65 <a href="#">Add To Cart</a>	Omron Thermometer Pencil Type (MC-24... ₹ 206.25 <a href="#">Add To Cart</a>	SEBAMED BABY CLEANSING BAR ₹ 242.25 <a href="#">Add To Cart</a>	Jamriya Natural Baby Wash 400 ml ₹ 300.00 <a href="#">Add To Cart</a>	MamyPoko Extra Absorb Diaper ₹ 339.15 <a href="#">Add To Cart</a>	mCaffeine Naked & Raw Tan Removal... ₹ 377.16 <a href="#">Add To Cart</a>	Revital H Capsule 60'S ₹ 467.50 <a href="#">Add To Cart</a>	Truth Omega-3 Vegan Capsules 60's ₹ 498.50 <a href="#">Add To Cart</a>	NUTRILITE BIOTIN-CHERRY PLUS TABL... ₹ 593.30 <a href="#">Add To Cart</a>	Dr.Morepen GlucoOne Blood Glucose... ₹ 611.28 <a href="#">Add To Cart</a>
Pampers Sensitive Baby Wipes ₹ 100 <a href="#">Add To Cart</a>	Philips Norelco OneBlade QP2520/70... ₹ 1000 <a href="#">Add To Cart</a>	Omega-3 Fish Oil Softgels ₹ 1000 <a href="#">Add To Cart</a>	Glucotest Blood Glucose Monitor ₹ 1000 <a href="#">Add To Cart</a>	Social/Varcar Tablets Neptax 1000mg ₹ 1000 <a href="#">Add To Cart</a>	Ensure Plus Protein ₹ 1000 <a href="#">Add To Cart</a>	Styler White ₹ 1000 <a href="#">Add To Cart</a>	Medela Pump In Style Advanced Double... ₹ 1000 <a href="#">Add To Cart</a>	Protein Whey ₹ 1000 <a href="#">Add To Cart</a>	Glucotest Blood Glucose Monitor ₹ 1000 <a href="#">Add To Cart</a>

## 11. Trying price high to low

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All Medicine Baby Care Personal Care Vitamins & Supplements Health Accessories

Flat 10 to 15% discount on your medicine



Sort by ▾

Low price-High price  
High price-Low price

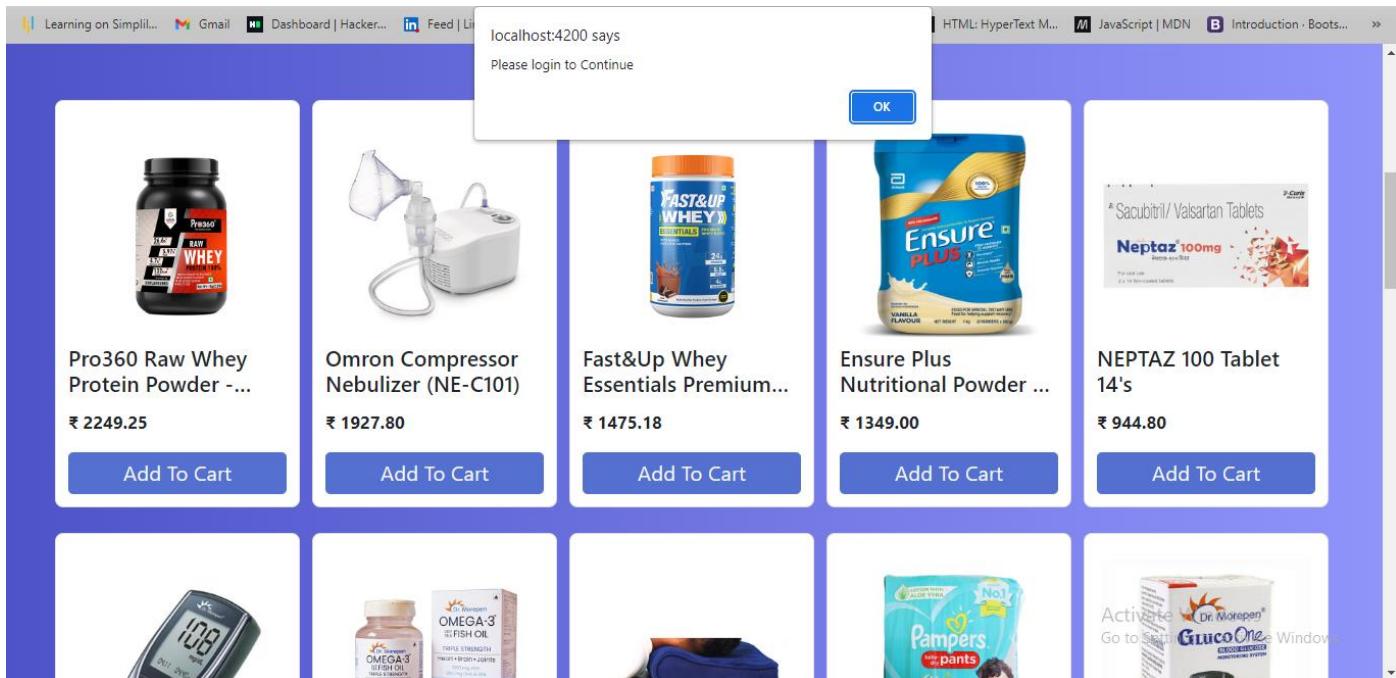
 Pro360 Raw Whey Protein Powder -... ₹ 2249.25	 Omron Compressor Nebulizer (NE-C101) ₹ 1927.80	 Fast&Up Whey Essentials Premium... ₹ 1475.18	 Ensure Plus Nutritional Powder ... ₹ 1349.00	 NEPTAZ 100 Tablet 14's ₹ 944.80	 Dr.Morepen Gluco One Blood Glucose... ₹ 611.28
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Sort by ▾

 Pro360 Raw Whey Protein Powder -... ₹ 2249.25	 Omron Compressor Nebulizer (NE-C101) ₹ 1927.80	 Fast&Up Whey Essentials Premium... ₹ 1475.18	 Ensure Plus Nutritional Powder ... ₹ 1349.00	 NEPTAZ 100 Tablet 14's ₹ 944.80	 Dr. Morepen Gluco One Blood Glucose... ₹ 611.28	 Dr. Morepen Omega 3 Deep Sea Fish Oil... ₹ 714.35	 P+caRe Cervical Pillow (A1002) (UN) ₹ 695.42	 Pampers Baby-Dry Pants (XL) ₹ 671.04	 Dr. Morepen Gluco One Blood Glucose... ₹ 611.28
 NUTRILITE BIOTIN-CHERRY PLUS TABL... ₹ 593.30	 Truth Omega-3 Vegan Capsules 60's ₹ 498.50	 Revital H Capsule 60'S ₹ 467.50	 mCaffeine Naked & Raw Tan Removal... ₹ 377.16	 MamyPoko Extra Absorb Diaper ₹ 339.15	 Jamriya Natural Baby Wash 400 ml ₹ 300.00	 SEBAMED BABY CLEANSING BAR ₹ 242.25	 Omron Thermometer Pencil Type (MC-24... ₹ 206.25	 mCaffeine Cappuccino Coffee... ₹ 194.65	 Garnier Skin Naturals Bright Complete... ₹ 179.00
 Truth Elbow Suoother	 Pataniali Nutrela	 Pataniali Dant Kanti	 BD Ultra Fine Nano	 Durex Condoms -	 Insta Glow Gold	 DOLOMED 650 Tablet	 CROCIN ADVANCE	 DIGON 0.25mo Tablet Go to Settings to activate Windows	

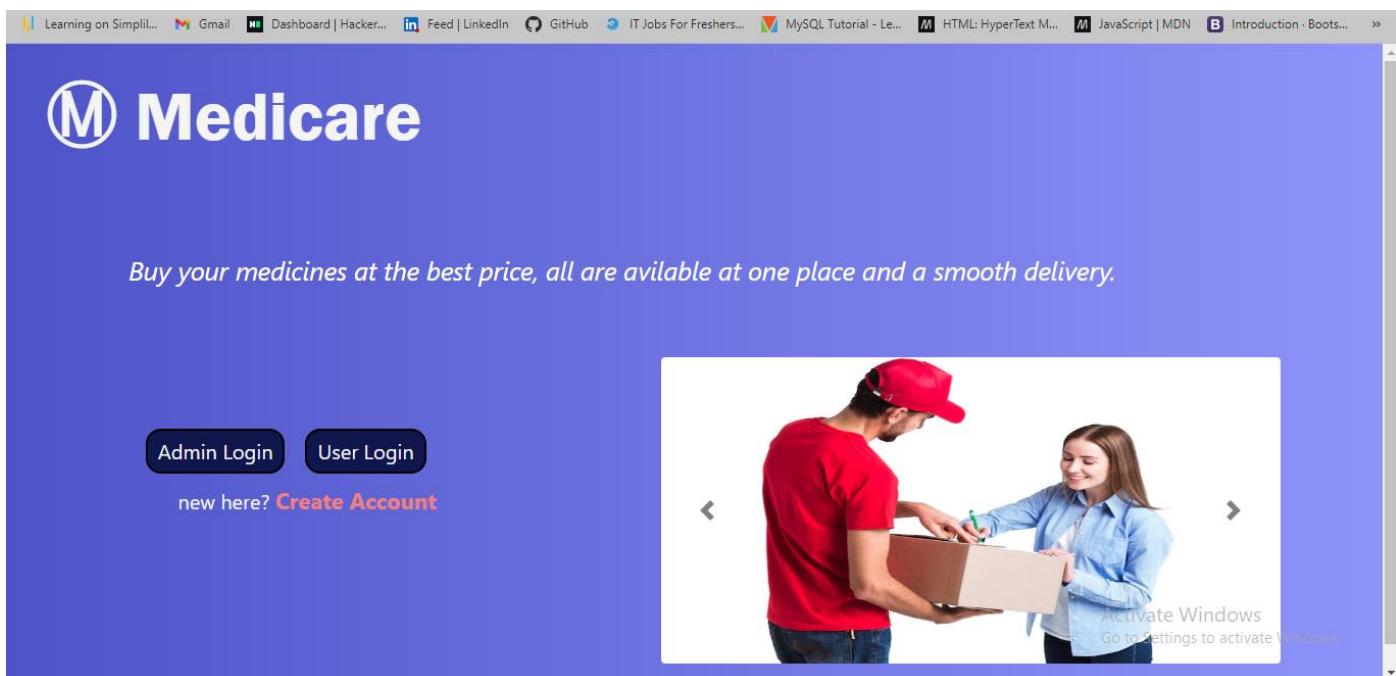
**12.If you click on add to cart or cart button it asks u to login to continue as you are a guest.**



**13.On ok it redirects to a page and now trying admin login.**

**Username: admin**

**Password: admin**



## 14. Admin home page is shown where all options are shown

Screenshot of the Admin Home Page for Medicare. The page features a header with the Medicare logo and navigation links for Products, Users, and logout. A central search bar allows users to search for products. Below the search bar is a table listing products with columns for Id, Category, Name, Price, Company, Description, Manufacturer, ImageUrl, and Operations. The table contains two rows of product data.

Id	Category	Name	Price	Company	Description	Manufacturer	ImageUrl	Operations
112	vitamins	NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	593.30	NUTRILITE	BIOTIN-CHERRY PLUS	Amway India Enterprises Pvt Ltd		<span>Enabled</span> <span>Edit</span> <span>Delete</span>
234	health	Omron Thermometer Pencil Type (MC-246-C1)	206.25	Omron	Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.	Omron Healthcare Co Ltd		<span>Enabled</span> <span>Edit</span> <span>Delete</span>

Screenshot of the Admin Home Page for Medicare, showing a different set of product data. The table includes four additional rows:

Id	Category	Name	Price	Company	Description	Manufacturer	ImageUrl	Operations
112	vitamins	NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	593.30	NUTRILITE	BIOTIN-CHERRY PLUS	Amway India Enterprises Pvt Ltd		<span>Enabled</span> <span>Edit</span> <span>Delete</span>
234	health	Omron Thermometer Pencil Type (MC-246-C1)	206.25	Omron	Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.	Omron Healthcare Co Ltd		<span>Enabled</span> <span>Edit</span> <span>Delete</span>
312	personalcare	mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	194.65	mCaffeine	Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Pep Technologies Pvt. Ltd.		<span>Enabled</span> <span>Edit</span> <span>Delete</span>
1213	vitamins	Revital H Capsule 60'S	467.50	Sun Pharmaceutical Industries Ltd	Vitamins such as vitamin A, vitamin C, vitamin D, vitamin E, vitamin B1, vitamin B2, vitamin B3, vitamin B6, vitamin B9 (Folic Acid), vitamin B12	Sun Pharmaceutical Industries Ltd		<span>Enabled</span> <span>Edit</span> <span>Delete</span>

## 15. You have enable and disable button to show availability of product or disable the product in case not to show particular product to user.

Product Management System									
Products		Users		Product Details					
				Product Information				Actions	
<b>ID</b>	<b>Category</b>	<b>Name</b>	<b>Price</b>	<b>Company</b>	<b>Description</b>	<b>Manufacturer</b>	<b>ImageURL</b>	<b>Operations</b>	
112	vitamins	NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	593.30	NUTRILITE	BIOTIN-CHERRY PLUS	Amway India Enterprises Pvt Ltd		<span>Enabled</span>	<span> </span>
234	health	Omron Thermometer Pencil Type (MC-246-C1)	206.25	Omron	Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.	Omron Healthcare Co Ltd		<span>Disabled</span>	<span> </span>
312	personalcare	mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	194.65	mCaffeine	Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Pep Technologies Pvt. Ltd.		<span>Activate Windows Go to Settings to activate Windows.</span>	<span> </span>

Product Management System									
Products		Users		Product Details					
				Product Information				Actions	
<b>ID</b>	<b>Category</b>	<b>Name</b>	<b>Price</b>	<b>Company</b>	<b>Description</b>	<b>Manufacturer</b>	<b>ImageURL</b>	<b>Operations</b>	
112	vitamins	NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	593.30	NUTRILITE	BIOTIN-CHERRY PLUS	Amway India Enterprises Pvt Ltd		<span>Enabled</span>	<span> </span>
234	health	Omron Thermometer Pencil Type (MC-246-C1)	206.25	Omron	Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.	Omron Healthcare Co Ltd		<span>Disabled</span>	<span> </span>
312	personalcare	mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	194.65	mCaffeine	Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Pep Technologies Pvt. Ltd.		<span>Activate Windows Go to Settings to activate Windows.</span>	<span> </span>

## 16. Now trying add product button a form is displayed to show the products.

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### Add Product

Product Id:

Product Category:

Product Name:

Product Price:

Product Company:

Product Description:

Product Manufacturer:

Product ImageUrl:

[Add Product](#)

Activate Windows  
Go to Settings to activate Windows.

## 17. The particular product I entered is shown in the table of data.

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### Medicare

Products Users [logout](#)

[Add Product](#)

Search for product:

ID	Category	Name	Price	Company	Description	Manufacturer	Image Url	Operations
12	medicine	Dollo 650	10	DOLOMED	fever	Amway India Enterprises Pvt Ltd		<a href="#">Enabled</a> <a href="#"></a> <a href="#"></a>
112	vitamins	NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	599.30	NUTRILITE	BIOTIN-CHERRY PLUS	Amway India Enterprises Pvt Ltd		<a href="#">Enabled</a> <a href="#"></a> <a href="#"></a>
234	health	Omron Thermometer Pencil Type (MC-246-C1)	206.25	Omron	Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.	Omron Healthcare Co Ltd		<a href="#">Disabled</a> <a href="#"></a> <a href="#"></a>

Activate Windows  
Go to Settings to activate Windows.

## 18. As like that we can edit and if I click delete particular item is displayed.

Screenshot of the Medicare application showing a list of products. The search bar at the top contains "search here". The table has columns: Id, Category, Name, Price, Company, Description, Manufacturer, ImageUrl, and Operations. The operations column includes buttons for Edit and Delete.

ID	Category	Name	Price	Company	Description	Manufacturer	ImageUrl	Operations
112	vitamins	NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	593.30	NUTRILITE	BIOTIN-CHERRY PLUS	Amway India Enterprises Pvt Ltd		<span>Enabled</span> <span>Edit</span> <span>Delete</span>
234	health	Omron Thermometer Pencil Type (MC-246-C1)	206.25	Omron	Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards.	Omron Healthcare Co Ltd		<span>Disabled</span> <span>Edit</span> <span>Delete</span>
312	personalcare	mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	194.65	mCaffeine	Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Pep Technologies Pvt Ltd.		<span>Activate Windows</span> <span>Disabled</span> <span>Edit</span> <span>Delete</span>

## 19. searching particular product with id.

Screenshot of the Medicare application showing a list of products. The search bar at the top contains "312". The table has columns: Id, Category, Name, Price, Company, Description, Manufacturer, ImageUrl, and Operations. The operations column includes buttons for Edit and Delete.

ID	Category	Name	Price	Company	Description	Manufacturer	ImageUrl	Operations
312	personalcare	mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	194.65	mCaffeine	Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Pep Technologies Pvt. Ltd.		<span>Enabled</span> <span>Edit</span> <span>Delete</span>
123312	vitamins	Dr. Morepen Omega 3 Deep Sea Fish Oil Triple Strength Capsule 60's	714.35	Dr. Morepen	Deep Sea Fish Oil Triple	Dr. Morepen		<span>Activate Windows</span> <span>Enabled</span> <span>Edit</span> <span>Delete</span>

## 20.now using user tab all the data of users are shown.

Screenshot of the 'Users' section of the Medicare application. The page title is 'Medicare'. Navigation links include 'Products', 'Users', and 'logout'. A search bar at the top right says 'Search User: search here'. Below is a table with columns: User Id, Username, Name, Email, Contact no, Address, and Pincode. One row is present with values: 2, admin, praveen, ppraveen62.ppk@gmail.com, 9007666680, sklm, 532404. A watermark 'Activate Windows Go to Settings to activate Windows.' is visible in the bottom right.

Screenshot of the 'Products' section of the Medicare application. The page title is 'Medicare'. Navigation links include 'Products', 'Users', and 'logout'. A central button says 'Add Product'. A search bar at the top right says 'Search for product: search here'. Below is a table with columns: Id, Category, Name, Price, Company, Description, Manufacturer, ImageUrl, and Operations. Three rows of product data are listed:

- Id: 112, Category: vitamins, Name: NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S, Price: 593.30, Company: NUTRILITE, Description: BIOTIN-CHERRY PLUS, Manufacturer: Amway India Enterprises Pvt Ltd, ImageUrl: (image of a bottle), Operations: Enabled, Edit, Delete.
- Id: 234, Category: health, Name: Omron Thermometer Pencil Type (MC-246-C1), Price: 206.25, Company: Omron, Description: Digital Thermometer MC-246 offers a safe, accurate and quick temperature reading. It eliminates any worries about broken glass or mercury hazards., Manufacturer: Omron Healthcare Co Ltd, ImageUrl: (image of a thermometer), Operations: Enabled, Edit, Delete.
- Id: 312, Category: personalcare, Name: mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml, Price: 194.65, Company: mCaffeine, Description: Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml, Manufacturer: Pep Technologies Pvt. Ltd., ImageUrl: (image of a bottle), Operations: Enabled, Edit, Delete.

A watermark 'Activate Windows Go to Settings to activate Windows.' is visible in the bottom right.

## 21.now clicking create account.

The screenshot shows the Medicare website homepage. At the top, there is a navigation bar with various links like 'Learning on Simpli...', 'Gmail', 'Dashboard | Hacker...', 'Feed | LinkedIn', 'GitHub', 'IT Jobs For Freshers...', 'MySQL Tutorial - Le...', 'HTML: HyperText M...', 'JavaScript | MDN', and 'Introduction - Boots...'. Below the navigation bar, the Medicare logo is displayed. A banner below the logo contains the text 'Buy your medicines at the best price, all are available at one place and a smooth delivery.' To the left, there are two buttons: 'Admin Login' and 'User Login'. Below these buttons is a link 'new here? [Create Account](#)'. On the right side of the banner, there is a photograph of a delivery person in a red uniform handing a cardboard box to a woman in a blue shirt. Below the photo, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.' At the bottom left of the page, the URL 'localhost:4200/createAccount' is visible in the browser's address bar.

## 22. now using userlogin.

This screenshot is identical to the previous one, showing the Medicare homepage. The main difference is that the 'User Login' button has been highlighted with a red box, indicating it was clicked. The rest of the interface, including the 'Create Account' button and the delivery photo, remains the same as in the first screenshot.

## 23. Home page with username is displayed.

The screenshot shows the Medicare website homepage. At the top, there is a navigation bar with links to various platforms like Learning on SimpliLii, Gmail, LinkedIn, GitHub, IT Jobs For Freshers, MySQL Tutorial, HTML, JavaScript, and MDN. The main header features the Medicare logo and a search bar. Below the header, there is a promotional banner with the text "Flat 10 to 15% discount on your medicine" and an image of a shopping cart filled with medicine bottles. A "Sort by" dropdown menu is visible on the left side. On the right, there is a message about activating Windows. The overall theme is blue and white.

## 24. Checking my cart showing no items

The screenshot shows the Medicare website's cart page. The header and navigation bar are identical to the home page. The main content area displays a message "Hello! Your cart is empty." Below this, there is a "Payment Details" section which lists the following information:

Total MRP	Rs.0.00
Tax	+ Rs.0.00
Discount	- Rs.0.00
Total Amount	Rs.0.00

At the bottom right of the page, there is a message about activating Windows and a "Buy" button.

## 25. Now trying to add items to cart it is showing successfully added to cart.

Sort by ▾

 NUTRILITE BIOTIN-CHERRY PLUS TABL... ₹ 593.30 <a href="#">Add To Cart</a>	 Omron Thermometer Pencil Type (MC-24... ₹ 206.25 <a href="#">Add To Cart</a>	 mCaffeine Cappuccino Coffee... ₹ 194.65 <a href="#">Add To Cart</a>	 Revital H Capsule 60'S ₹ 467.50 <a href="#">Add To Cart</a>	 Truuth Elbow Support (XL) ₹ 140.00 <a href="#">Add To Cart</a>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------

Activate Windows  
Go to Settings to activate Windows.

Sort by ▾

 NUTRILITE BIOTIN-CHERRY PLUS TABL... ₹ 593.30 <a href="#">Add To Cart</a>	 Omron Thermometer Pencil Type (MC-24... ₹ 206.25 <a href="#">Add To Cart</a>	 mCaffeine Cappuccino Coffee... ₹ 194.65 <a href="#">Add To Cart</a>	 Revital H Capsule 60'S ₹ 467.50 <a href="#">Add To Cart</a>	 Truuth Elbow Support (XL) ₹ 140.00 <a href="#">Add To Cart</a>
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Activate Windows  
Go to Settings to activate Windows.

## 26. All the added items are added to cart and payment details are shown.

Your Cart Items

 mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Category: personalcare	₹ 194.65	Qty <input type="button" value="1"/> <span style="color: red;">Remove</span>
 NUTRILITE BIOTIN-CHERRY PLUS TABLET 60'S	Category: vitamins	₹ 593.30	Qty <input type="button" value="1"/> <span style="color: red;">Remove</span>

Payment Details

Total MRP	Rs.787.95
Tax	+ Rs.118.19
Discount	- Rs.118.19
Total Amount	Rs.787.95

Buy

Activate Windows  
Go to Settings to activate Windows.

## 27. Now removing item from the cart and the price is also updated.

Medicare

Your Cart Items

 mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml	Category: personalcare	₹ 194.65	Qty <input type="button" value="1"/> <span style="color: red;">Remove</span>
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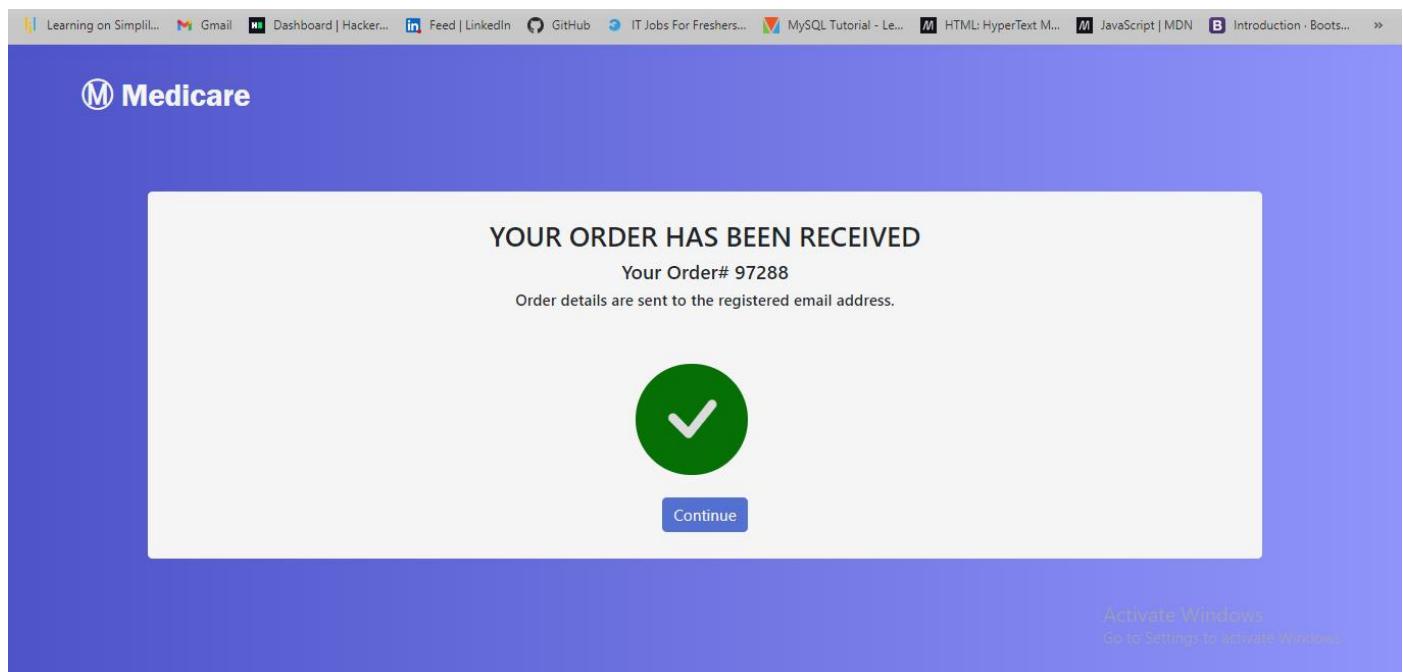
Payment Details

Total MRP	Rs.194.65
Tax	+ Rs.29.20
Discount	- Rs.29.20
Total Amount	Rs.194.65

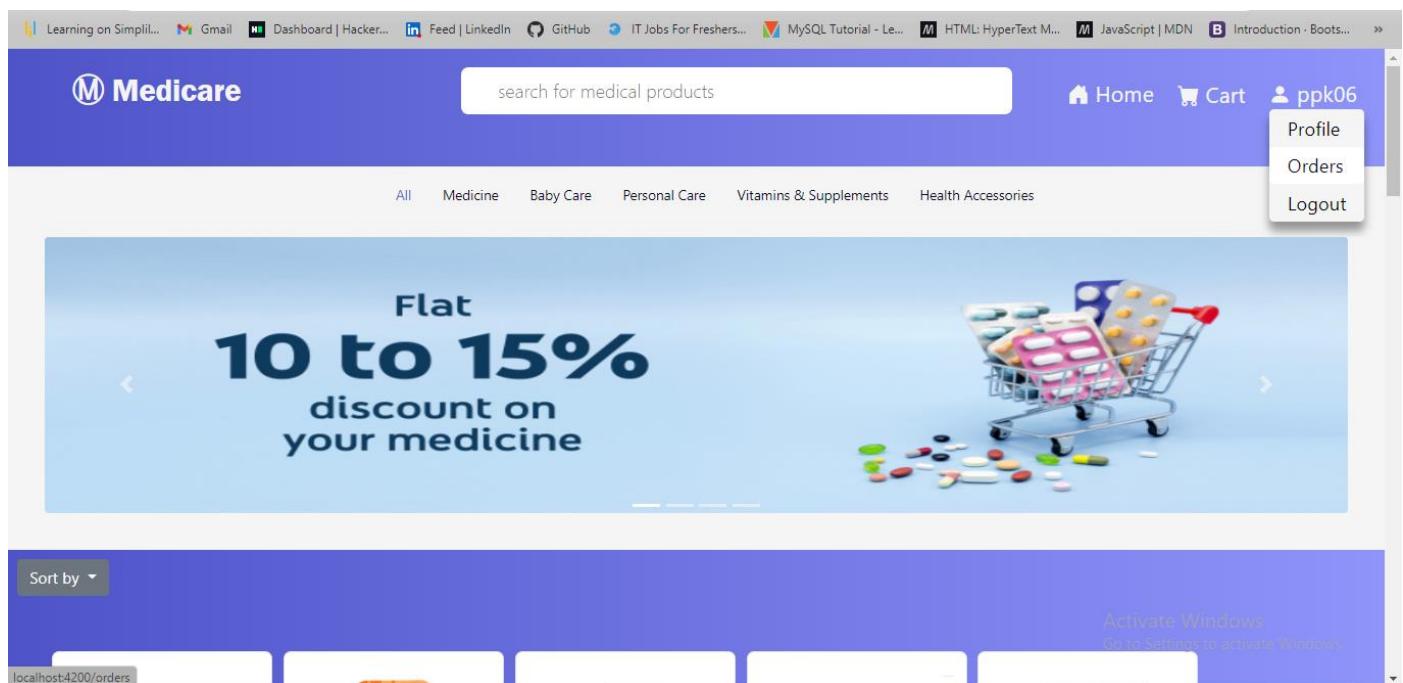
Buy

Activate Windows  
Go to Settings to activate Windows.

## 28.On payment Order confirmation is shown with order no.



## 29.Now going back to home page and checking orders



## 30. Showing details of previous orders.

The screenshot shows a web browser window with the Medicare logo at the top left. At the top right, there are links for Home, Cart, and a user account (ppk06). Below the header, a section titled "Your Orders" displays a single past order. The order details are as follows:

Order Placed	Price	Order Id #
Thu Dec 08 2022 18:46:35 GMT+0530 (India Standard Time)	₹ 194.65	97288

The product listed is "mCaffeine Cappuccino Coffee Foaming Face Wash - Kills 99.9% Acne Causing Germs with Vitamin E 75 ml". To the right of the order details, there is a message: "Activate Windows Go to Settings to activate Windows".

## 31. Now again checking cart

The screenshot shows a web browser window with the Medicare logo at the top left. At the top right, there are links for Home and a user account (ppk06). Below the header, a section titled "Your Cart Items" displays a message: "Hello! Your cart is empty." To the right of the message, there is a "Payment Details" box containing the following information:

Total MRP	Rs.0.00
Tax	+ Rs.0.00
Discount	- Rs.0.00
Total Amount	Rs.0.00

To the right of the payment details, there is a message: "Activate Windows Go to Settings to activate Windows". A blue "Buy" button is visible at the bottom right of the payment details box.

## 32. On clicking particular product, product data are shown.

The screenshot shows a web browser window with a blue header bar. The header contains various links like 'Learning on Simpli...', 'Gmail', 'Dashboard | Hacker...', 'Feed | LinkedIn', 'GitHub', 'IT Jobs For Freshers...', 'MySQL Tutorial - Le...', 'HTML: HyperText M...', 'JavaScript | MDN', and 'Introduction - Boots...'. The main title 'Medicare' is on the left with a logo. A search bar says 'search for medical products'. On the right, there are icons for 'Home', 'Cart', and a user profile 'ppk06'. Below the header, a navigation menu has items 'All', 'Medicine', 'Baby Care', 'Personal Care', 'Vitamins & Supplements', and 'Health Accessories'. The main content area features a product image of a box of Dr. Morepen Gluco One test strips next to a glucose meter displaying '108'. The product name 'Dr.Morepen Gluco One Blood Glucose Test Strips 50's (BG03)' is in bold. Below it, a short description states: 'Dr.Morepen BG03 test strips are used along with BG03 gluco one blood glucose monitor to deliver an accurate level of glucose level in the blood.' A price of '₹ 611.28' is listed with a red underline. To the right, there's a 'Activate Windows' message: 'Go to Settings to activate Windows.' A blue button labeled 'AddTo Cart' is at the bottom left of the product section.

## Links to the GitHub repository to verify the project completion

For source code please use GitHub link.

[https://github.com/Svsai97/Capstone\\_MediCare\\_FinalProject.git](https://github.com/Svsai97/Capstone_MediCare_FinalProject.git)