

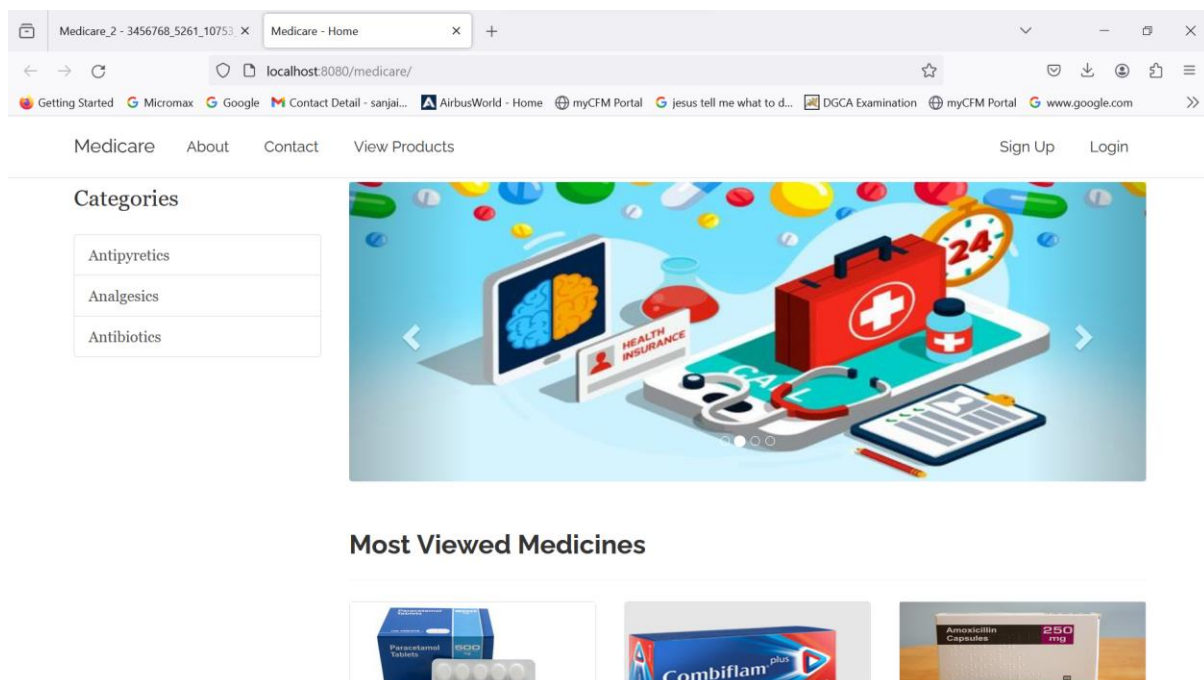
Capstone Project: Testing a Healthcare Website

Project objective:

This project requires end-to-end development of a comprehensive QA and test environment for a healthcare website. This QA and test environment should be inclusive of the following testing layers:

1. Browser-based end user testing using Selenium WebDriver
2. Unit testing for back-end elements of the website using TestNG
3. API testing with Postman on AWS cloud
4. Automating the whole testing process by a Jenkins job

The end-deliverables will be executable scripts and modules, which can be run on demand to test the web app.




Medicare_2 - 3456768_5261_1075

Medicare - Home

localhost:8080/medicare/home

Getting StartedMicromaxGoogleContact Detail - sanjai...AirbusWorld - HomemyCFM Portaljesus tell me what to d...DGCA ExaminationmyCFM Portalwww.google.com

MedicareAboutContactView ProductsSign UpLogin




Paracetamol

An antipyretic medicine used for fever.

₹ 18

[View](#)




Combiflam

An antipyretic medicine used for fever.

₹ 22

[View](#)





Amoxicillin

A commonly used antibiotic for bacterial infection.

₹ 54

[View](#)



Checkout more medicines!

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Medicare - Home

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Most Purchased Medicines




Paracetamol

An antipyretic medicine used for fever.

₹ 18

[View](#)




Combiflam

An antipyretic medicine used for fever.

₹ 22

[View](#)





Amoxicillin

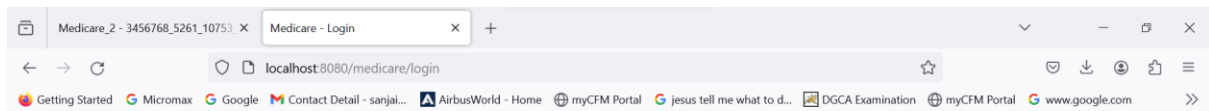
A commonly used antibiotic for bacterial infection.

₹ 54

[View](#)



Checkout more medicines!



Medicare

Login

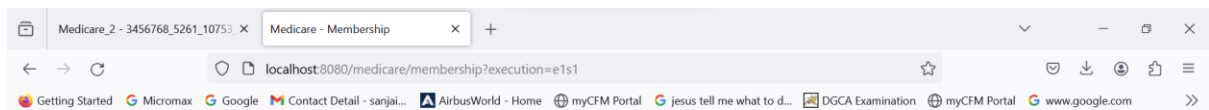
Email: yash

Password:

Login

New User - [Register Here](#)

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Medicare

Sign Up - Personal

First Name First Name

Last Name Last Name

Email yash

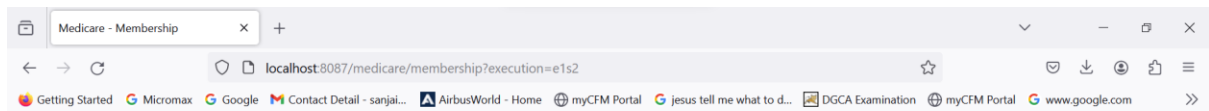
Contact Number XXXXXXXXXXXX

Password

Confirm Password Re-type password

Select Role ☒ User ☐ Supplier

Next - Billing >



Medicare

Sign Up - Address

Address Line One

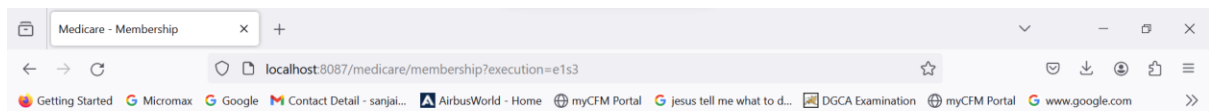
Address Line Two

City

Postal Code

State

Country

[< Back - Personal](#)[Next - Confirm >](#)

Medicare

Personal Details

Name : Santosh Jadhav

Email : Saj87@gmail.com

Contact : 8929832031

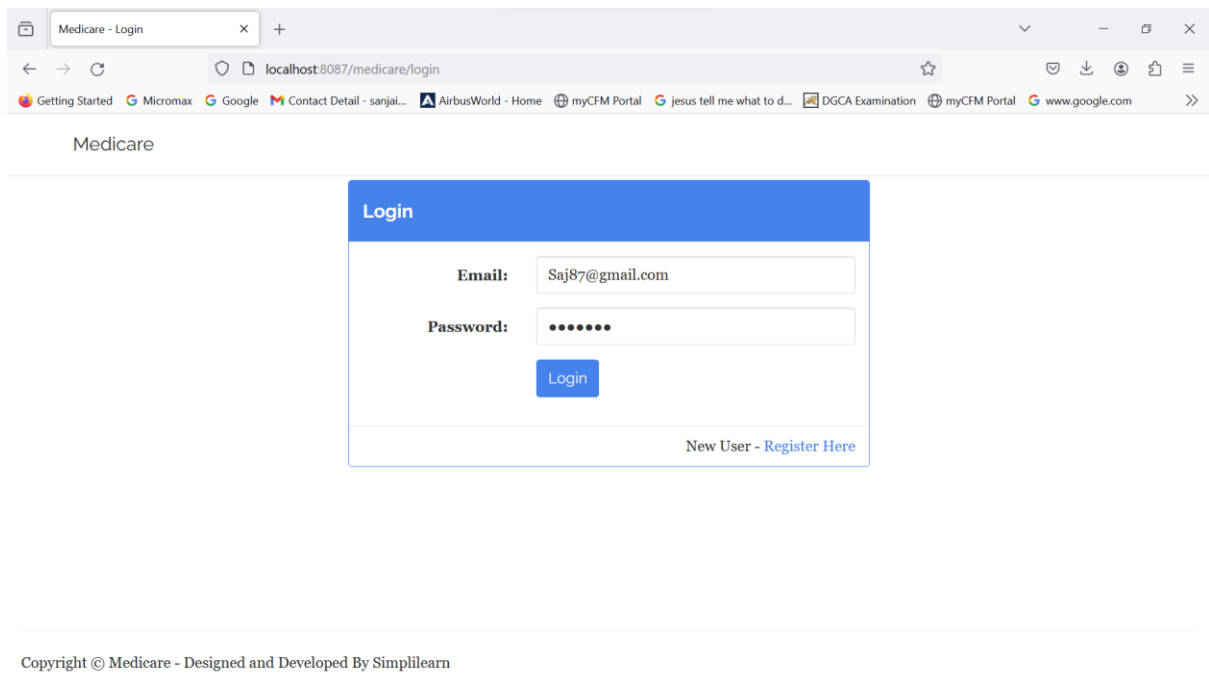
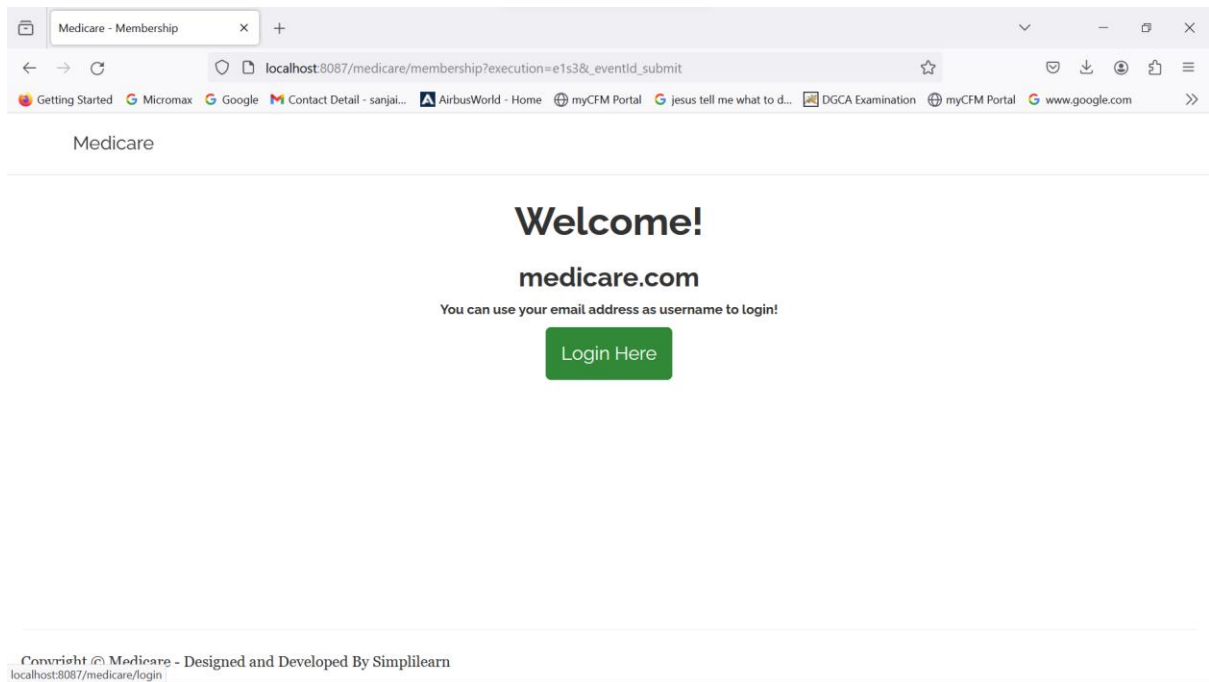
Role : USER

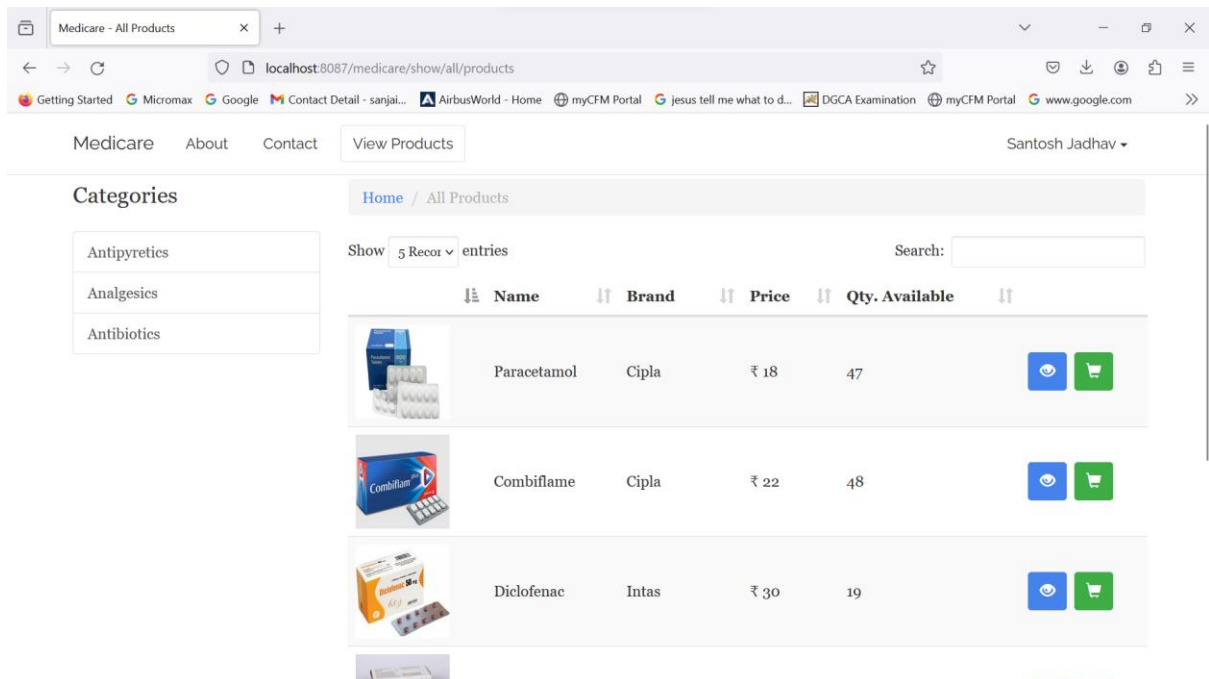
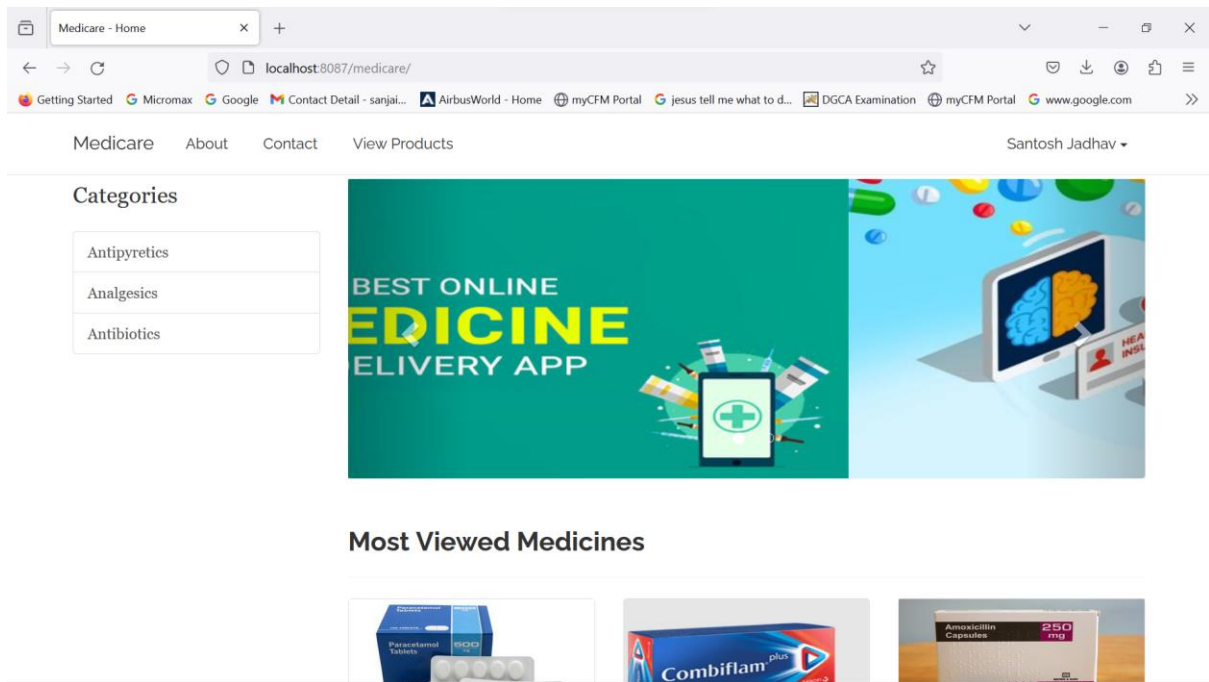
[Edit](#)

Billing Address

Delhi,
mahipalpur,
Delhi - 110037,
Delhi
india

[Edit](#)[Confirm](#)








Medicare - Shopping Cart

localhost:8087/medicare/cart/show?result=added

Getting StartedMicromaxGoogleContact Detail - sanjai...AirbusWorld - Home myCFM Portaljesus tell me what to d...DGCA Examination myCFM Portalwww.google.com

MedicareAboutContactView Products

Santosh Jadhav

Product	Price	Quantity	Subtotal	
<div><div>Paracetamol Brand : Cipla Description : An antipyretic medicine used for fever.</div></div> <div>₹ 18.0 /-</div> <div>1</div> <div>₹ 18.0 /-</div> <div></div>				
<div>Continue Shopping</div>			Total ₹ 18.0/-	<div>Checkout</div>

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Medicare - Shopping Cart

localhost:8087/medicare/cart/show?result=added

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MedicareAboutContactView Products

Santosh Jadhav

Product	Price	Quantity	Subtotal	
<div><div>Paracetamol Brand : Cipla Description : An antipyretic medicine used for fever.</div></div> <div>₹ 18.0 /-</div> <div>1</div> <div>₹ 18.0 /-</div> <div></div>				
<div><div>Combiflame Brand : Cipla Description : An antipyretic medicine used for fever.</div></div> <div>₹ 22.0 /-</div> <div>1</div> <div>₹ 22.0 /-</div> <div></div>				
<div>Continue Shopping</div>			Total ₹ 40.0/-	<div>Checkout</div>

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Medicare - Membership

localhost:8087/medicare/cart/checkout?execution=e2s1

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Medicare

Select Shipping Address

Delhi

mahipalpur

Delhi - 110037

Delhi - india

Select

Sign Up - Address

Address Line One

Enter Address Line One

Address Line Two

Enter Address Line Two

City

Enter City Name

Postal Code

XXXXXX

State

Enter State Name

Country

Enter Country Name

+ Add Address

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localhost:8087/medicare/cart/checkout?execution=e2s1&_eventId_addressSelection&shippingId=7

Medicare - Membership

localhost:8087/medicare/cart/checkout?execution=e2s2

Getting StartedMicromaxGoogleContact Detail - sanjai...AirbusWorld - HomeMyCFM Portaljesus tell me what to d...DGCA ExaminationmyCFM Portalwww.google.com

Medicare

Paracetamol

Quantity -1

Buying Price - ₹ 18.0/-

Combiflame

Quantity -1

Buying Price - ₹ 22.0/-

Grand Total - ₹ 18.0/-

Grand Total - ₹ 22.0/-

Payment Details

CARD NUMBER

Valid Card Number

EXPIRY DATE

MM

Saj87@gmail.c

CV CODE

.....

Final Payment

₹ 40.0/-

Pay

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Medicare - Membership

localhost:8087/medicare/cart/checkout?execution=e2s2&_eventId_pay

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Medicare

Your Order is Confirmed!!

Invoice

Order # 4

Billed To:
Santosh Jadhav
Delhi
mahipalpur
Delhi - 110037
Delhi - india

Shipped To:
Santosh Jadhav
Delhi
mahipalpur
Delhi - 110037
Delhi - india

Payment Method:
Card Payment
Saj87@gmail.com

Order Date:
Fri Feb 09 00:39:34 IST 2024

Order summary

Medicare - Membership

localhost:8087/medicare/cart/checkout?execution=e2s2&_eventId_pay

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Medicare

Delhi
mahipalpur
Delhi - 110037
Delhi - india

Delhi
mahipalpur
Delhi - 110037
Delhi - india

Payment Method:
Card Payment
Saj87@gmail.com

Order Date:
Fri Feb 09 00:39:34 IST 2024

Order summary

Item	Price	Quantity	Totals
Paracetamol	₹ 18.0	1	₹ 18.0
Combiflame	₹ 22.0	1	₹ 22.0

Continue Shopping

Medicare - All Products

localhost:8087/medicare/show/all/products

Getting Started Micromax Google Contact Detail - sanjai... AirbusWorld - Home myCFM Portal Jesus tell me what to d... DGCA Examination myCFM Portal www.google.com

Medicare About Contact View Products

Santosh Jadhav

Categories

Antipyretics










Analgesics

Antibiotics

Home / All Products

Show 5 Records entries

Search:

	Name	Brand	Price	Qty. Available	
	Paracetamol	Cipla	₹ 18	46	 
	Combiflam	Cipla	₹ 22	47	 
	Diclofenac	Intas	₹ 30	19	 

Medicare_2 - 3456768_5261_1075 Medicare - All Products

localhost:8080/medicare/show/all/products

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Categories

Antipyretics










Analgesics

Antibiotics

Home / All Products

Show 3 Records entries

Search:

	Name	Brand	Price	Qty. Available	
	Paracetamol	Cipla	₹ 18	47	 
	Combiflam	Cipla	₹ 22	48	 
	Diclofenac	Intas	₹ 30	19	 

Name

Brand

Price

Qty. Available

localhost:8080/medicare/cart/add/1/product

Medicare_2 - 3456768_5261_10753 X Medicare - Antipyretics X +

localhost:8080/medicare/show/category/1/products

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Medicare About Contact View Products Sign Up Login

Categories

Antipyretics
Analgesics
Antibiotics

Home / Category / Antipyretics

Show 3 Records entries Search:

	Name	Brand	Price	Qty. Available	
	Paracetamol	Cipla	₹ 18	47	 
	Combiflam	Cipla	₹ 22	48	 

Name Brand Price Qty. Available

Showing 1 to 2 of 2 entries

Previous 1 Next

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Medicare_2 - 3456768_5261_10753 X Medicare - Analgesics X +

localhost:8080/medicare/show/category/2/products

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Categories

Antipyretics
Analgesics
Antibiotics

Home / Category / Analgesics

Show 3 Records entries Search:

	Name	Brand	Price	Qty. Available	
	Diclofenac	Intas	₹ 30	19	 
	Aceclofenac	Cipla	₹ 42	80	 

Name Brand Price Qty. Available

Showing 1 to 2 of 2 entries

Previous 1 Next

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Medicare_2 - 3456768_5261_10753 X Medicare - Antibiotics X

localhost:8080/medicare/show/category/3/products

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Categories

Antipyretics
Analgesics
Antibiotics

Home / Category / Antibiotics

Show 3 Records entries Search:

	Name	Brand	Price	Qty. Available	
	Amoxicillin	Sun Pharma	₹ 54	63	 
	Ciprofloxacin	Sun Pharma	₹ 48	45	 

Name Brand Price Qty. Available

Showing 1 to 2 of 2 entries

Previous 1 Next

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Medicare_2 - 3456768_5261_10753 X Medicare - Contact Us X

localhost:8080/medicare/contact

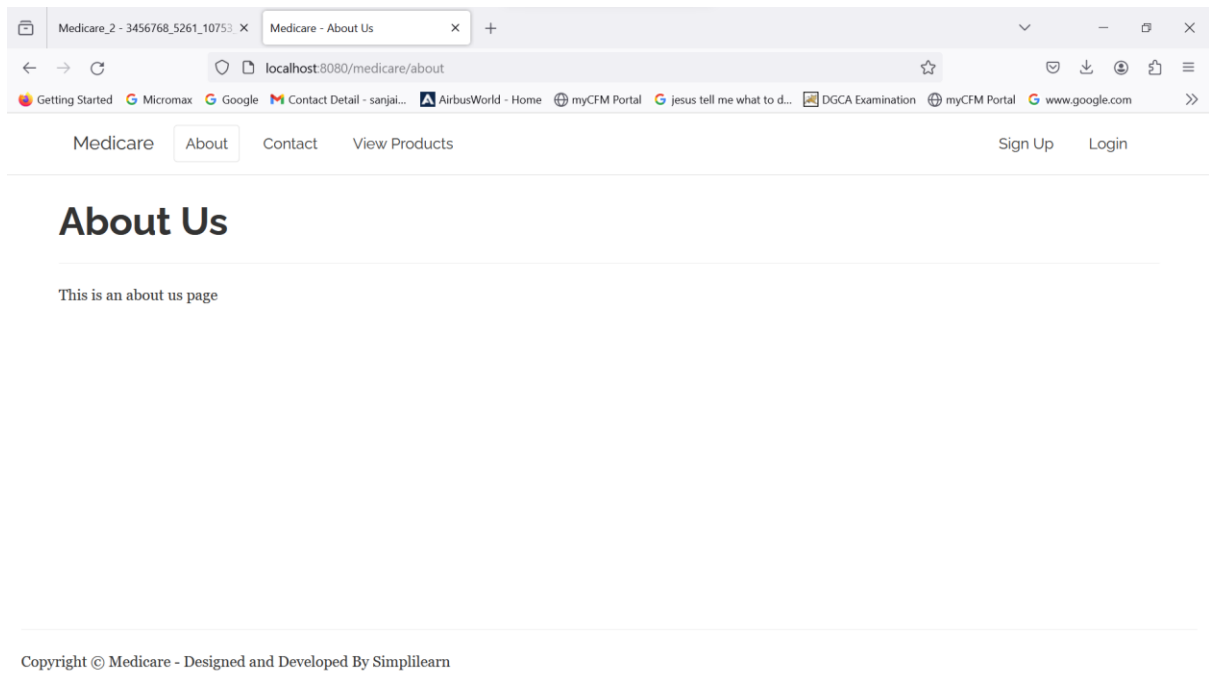
Getting Started Micromax Google Contact Detail - sanjai... AirbusWorld - Home myCFM Portal Jesus tell me what to d... DGCA Examination myCFM Portal www.google.com

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Contact Us

This is an contact us page

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Admin login

● All back-end data Generation Source code

```
MySQL 8.0 Command Line Cli x + v
mysql> select *from user_detail;
+-----+-----+-----+-----+-----+-----+-----+
| id | first_name | last_name | role | enabled | password | email |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | Vikas | Kashyap | ADMIN | 1 | $2a$06$0RtBskA2g5Wg0HDgRE5Zs0QNDHUZSdpJqJ2.PGXv0mKyEvLnKp7SW | vk@gmail.com |
| 2 | Ravindra | Jadeja | SUPPLIER | 1 | $2a$06$bzyMivkRjSxTK2LPD8W4te6jjJa7950wJR10f5n95myFsu3hgUnm6 | rj@gmail.com |
| 3 | Ravichandra | Ashwin | SUPPLIER | 1 | $2a$06$i1dLNLXj2uY.UBIb9kUcA0xCigGHUZRBtpRlMtl5xtgD6bcVNOK | ra@gmail.com |
| 4 | Kavita | Nigam | USER | 1 | $2a$06$4mvvy00h7vnUiKV57IW3oudNEaKPPH1xVSdbielk6Ni2jfjwwminq | kn@gmail.com |
| 5 | santosh | jadhav | USER | 1 | $2a$10$VLuIheSHAt9EDD8ePVG2jeRitfrwReD2owu5PlmX.G5u07ZCPxiNi | saj7487@gmail.co |
| 6 | Yash | Jadhav | USER | 1 | $2a$10$FA/PkWSmUjUzT.BLa5DEf0Qq/dzHBEbkro/01C40uXkAfEYAqchy0 | saj7487@yahoo.co |
| 7 | Yash | Jadhav | USER | 1 | $2a$10$xfzCF0zk3/G.Gd1Va8JpJeefA8iR4cvBNjub98.y1Qrf4WdmtNy1C | saj7487@hotmail.com |
| 8 | Yash | Jadhav | USER | 1 | $2a$10$5t44waHlmtOtam4PSfop50tgu8.1g0WCQSYffmMZvHkHyoq/L6iw. | saj7487@hotmail.com |
| 9 | Yash | Jadhav | USER | 1 | $2a$10$rxlwPPES1oOrgbYXsQ6c.OEGNj8d5Le9b20W5k2H79L9IUd9yCblG | saj7487@hotmail.com |
+-----+-----+-----+-----+-----+-----+-----+
9 rows in set (0.03 sec)

mysql>
```

```
MySQL-DatabaseQueries.sql X
C:\Users\Yash Jadhav\AppData\Local\Temp\84f6f6e1-30ed-419b-9ffa-0215481d62e0_dbcode.zip.2e0\medicarebackend > MySQL-DatabaseQueries.sql
1 DROP DATABASE IF EXISTS medicare;
2 CREATE DATABASE medicare;
3 USE medicare;
4
5 CREATE TABLE Category (
6     id INT AUTO_INCREMENT,
7     name VARCHAR(50),
8     description VARCHAR(255),
9     image_url VARCHAR(50),
10    is_active BOOLEAN,
11    CONSTRAINT pk_category_id PRIMARY KEY (id)
12 );
13
14
15 CREATE TABLE User_detail (
16     id INT AUTO_INCREMENT,
17     first_name VARCHAR(50),
18     last_name VARCHAR(50),
19     role VARCHAR(50),
20     enabled BOOLEAN,
21     password VARCHAR(60),
22     email VARCHAR(100),
23     contact_number VARCHAR(15),
24     CONSTRAINT pk_user_id PRIMARY KEY(id)
25 );
26
27
28 CREATE TABLE Product (
29     id INT AUTO_INCREMENT,
30     code VARCHAR(20),
31     name VARCHAR(50),
32     brand VARCHAR(50),
33     description VARCHAR(255),
34     unit_price DECIMAL(10,2),
35     quantity INT,
36     is_active BOOLEAN,
37     category_id INT,
38     supplier_id INT,
39     purchases INT DEFAULT 0,
40     views INT DEFAULT 0,
41     CONSTRAINT pk_product_id PRIMARY KEY (id),
42     CONSTRAINT fk_product_category_id FOREIGN KEY (category_id) REFERENCES Category (id),
43     CONSTRAINT fk_product_supplier_id FOREIGN KEY (supplier_id) REFERENCES User_detail(id)
44 );
45
46 -- the address table to store the user billing and shipping addresses
47 CREATE TABLE Address (
48     id INT AUTO_INCREMENT,
49     user_id int,
50     address_line_one VARCHAR(100),
51     address_line_two VARCHAR(100),
52     city VARCHAR(20),
53     state VARCHAR(20),
54     country VARCHAR(20),
55     postal_code VARCHAR(10),
56     is_billing BOOLEAN,
57     is_shipping BOOLEAN,
58     CONSTRAINT fk_address_user_id FOREIGN KEY (user_id ) REFERENCES User_detail (id),
59 );
```

```
MySQL-DatabaseQueries.sql X
C:\Users\Yash Jadhav\AppData\Local\Temp\84f6f6e1-30ed-419b-9ffa-0215481d62e0_dbcode.zip.2e0\medicarebackend > MySQL-DatabaseQueries.sql
26
27 CREATE TABLE Product (
28     id INT AUTO_INCREMENT,
29     code VARCHAR(20),
30     name VARCHAR(50),
31     brand VARCHAR(50),
32     description VARCHAR(255),
33     unit_price DECIMAL(10,2),
34     quantity INT,
35     is_active BOOLEAN,
36     category_id INT,
37     supplier_id INT,
38     purchases INT DEFAULT 0,
39     views INT DEFAULT 0,
40     CONSTRAINT pk_product_id PRIMARY KEY (id),
41     CONSTRAINT fk_product_category_id FOREIGN KEY (category_id) REFERENCES Category (id),
42     CONSTRAINT fk_product_supplier_id FOREIGN KEY (supplier_id) REFERENCES User_detail(id)
43 );
44
45 -- the address table to store the user billing and shipping addresses
46 CREATE TABLE Address (
47     id INT AUTO_INCREMENT,
48     user_id int,
49     address_line_one VARCHAR(100),
50     address_line_two VARCHAR(100),
51     city VARCHAR(20),
52     state VARCHAR(20),
53     country VARCHAR(20),
54     postal_code VARCHAR(10),
55     is_billing BOOLEAN,
56     is_shipping BOOLEAN,
57     CONSTRAINT fk_address_user_id FOREIGN KEY (user_id ) REFERENCES User_detail (id),
58 );
```

```
MySQL-DatabaseQueries.sql X
C:\Users\Yash Jadhav\AppData\Local\Temp\84f6f8e1-30ed-419b-9ffa-0215481d62e0_dbcode.zip.2e0\medicarebackend > MySQL-DatabaseQueries.sql

57     CONSTRAINT fk_address_user_id FOREIGN KEY (user_id ) REFERENCES User_detail (id),
58     CONSTRAINT pk_address_id PRIMARY KEY (id)
59 );
60
61 -- the cart table to store the user cart top-level details
62 CREATE TABLE Cart (
63     id INT AUTO_INCREMENT,
64     user_id int,
65     grand_total DECIMAL(10,2),
66     cart_lines int,
67     CONSTRAINT fk_cart_user_id FOREIGN KEY (user_id ) REFERENCES User_detail (id),
68     CONSTRAINT pk_cart_id PRIMARY KEY (id)
69 );
70
71 -- the cart line table to store the cart details
72 CREATE TABLE Cart_line (
73     id INT AUTO_INCREMENT,
74     cart_id int,
75     total DECIMAL(10,2),
76     product_id int,
77     product_count int,
78     buying_price DECIMAL(10,2),
79     is_available boolean,
80     CONSTRAINT fk_cartline_product_id FOREIGN KEY (product_id ) REFERENCES Product (id),
81     CONSTRAINT pk_cartline_id PRIMARY KEY (id)
82 );
83
84 -- the order detail table to store the order
85 CREATE TABLE Order_detail (
86     id INT AUTO_INCREMENT,
87     user_id int,
88     order_total DECIMAL(10,2)
89 );
```

```
MySQL-DatabaseQueries.sql X
C:\Users\Yash Jadhav\AppData\Local\Temp\84f6f8e1-30ed-419b-9ffa-0215481d62e0_dbcode.zip.2e0\medicarebackend > MySQL-DatabaseQueries.sql

84 -- the order detail table to store the order
85 CREATE TABLE Order_detail (
86     id INT AUTO_INCREMENT,
87     user_id int,
88     order_total DECIMAL(10,2),
89     order_count int,
90     shipping_id int,
91     billing_id int,
92     order_date date,
93     CONSTRAINT fk_order_detail_user_id FOREIGN KEY (user_id) REFERENCES User_detail (id),
94     CONSTRAINT fk_order_detail_shipping_id FOREIGN KEY (shipping_id) REFERENCES Address (id),
95     CONSTRAINT fk_order_detail_billing_id FOREIGN KEY (billing_id) REFERENCES Address (id),
96     CONSTRAINT pk_order_detail_id PRIMARY KEY (id)
97 );
98
99 -- the order item table to store order items
100 CREATE TABLE Order_item (
101     id INT AUTO_INCREMENT,
102     order_id int,
103     total DECIMAL(10,2),
104     product_id int,
105     product_count int,
106     buying_price DECIMAL(10,2),
107     CONSTRAINT fk_order_item_product_id FOREIGN KEY (product_id) REFERENCES Product (id),
108     CONSTRAINT fk_order_item_order_id FOREIGN KEY (order_id) REFERENCES Order_detail (id),
109     CONSTRAINT pk_order_item_id PRIMARY KEY (id)
110 );
111
112 -- adding three categories
113 INSERT INTO Category (name, description, image_url, is_active) VALUES ('Antipyretics', 'This is for reducing fever or pyrexia or pyresis', 'C
114 INSERT INTO Category (name, description, image_url, is_active) VALUES ('Analgesics', 'This is for reducing pain known as painkillers', 'CAT_2
```

