

A PROJECT REPORT ON

MEDICARE TRACK
Medicine Ordering App

SUBMITTED IN PARTIALFULFILLMENT OF
DIPLOMA IN ADVANCED COMPUTING (PG-DAC)



UNDER THE GUIDANCE OF
Mr. Pratik Dhole

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AT

ADVANCED COMPUTING TRAINING SCHOOL,
CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING PUNE

ACKNOWLEDGEMENT

The project “Medicare-Track” was a great learning experience for us and we are submitting this work to Advanced Computing Training School (C-DAC ACTS, Pune).

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From:

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ABSTRACT

Medicines are one of the most important factors that are necessary to take care of person's health. The traditional system does not provide sufficient medicines in medical shops. Sometimes the user faces the insufficiency of medicines, leading to various difficulty. During the period of illness, user faces the difficulty to reach medical shop.

The main aim of developing this application is to supply the medicines all over the country by just a single click and to reduce the time consumption. Online pharmacy is a web-based application.

The user can post requirement for medicine. The User can purchase medicine online. Medicine is provided at your doorstep by the nearest associate store. The prescription is mandatory for ordering medicine. As per the prescription, the user can search medicine and useful information.

This application provides information for daily consumption of medicine. This application provides user login to the customer. And admin can also get the all-expired medicines information and he can see all orders information of clients and even modify it.

The proposed system most helpful in any critical situations and provide medicines without any restrictions through online platform. This system is most helpful in pandemic situations like, covid.

INTRODUCTION

Medicare-Track is an e-pharmacy that operates through the internet, providing pharmaceuticals and medicines and delivering them to clients' homes. As we can see, travelling out when we're sick to acquire prescriptions, or in circumstances where one medical store doesn't have all the meds we need, forcing us to search for another medical store, is a huge burden that takes time and energy.

So, this application aims to reduce this, making things easy and convenient with the use of internet. Shopping of medicines and other medical products online is a good deal because it saves time, money, fuel and lots of other problems including traffic jam, natural disasters etc.

Online medical shopping web application is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing online medicine shopping over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace.

This web application is to reduce hardships faced by the existing system, also offers low-cost ownership. Moreover, this system is designed by the particular need of the all users to carry out operations in a smooth and effective manner.

As many cases are seen where illegal selling of drugs is being reported, so to reduce this admin will supervise each of the order placed and ensure that the prescription will be properly analyzed by the doctor then only customer will be able to receive order, in addition all the medicines will be verified and certified by the pharmacist before delivery.

PROJECT OVERVIEW AND SUMMARY

1. PURPOSE

Our project, “Medicare-Track” is a web-based online E-Pharmacy portal which aims to provide admin with functionalities to manage medicines in the inventory. And provides the facilities to users to purchase it at the comfort of their home.

2. SCOPE

It provides the user catalogue of different products available for purchase in the store. In order to facilitate online purchase, a shopping cart is provided to the user. User can login to the site, add medicines to the cart, place order, cancel order, etc. This project also provides an easy access to Administrators to add medicines, update stock, view orders, modify orders, etc.

It's assumed that the organization that implements it will be using third-party platform for delivery and payment of the medicine. Also, an API which can easily be integrated in our application can be created in future if needed. Medeasyin is a portal for both the seller and the buyer of the medicine.

3. OVERVIEW: TECHNOLOGIES USED

FRONT END

HTML, CSS, Bootstrap, JavaScript, React-JS

BACK END

Spring MVC, Spring Boot, Spring Data JPA, Spring Security, Spring ORM

DATABASE MANAGEMENT SYSTEM

MySQL

4. FEATURES PROVIDED:-

FOR USERS:

- Register – Users can register themselves to buy medicines by providing basic details.
- Login – Successfully registered users can log in Using Email And Password provided during registration
- View Products:-Customer can view all Products
- Add To Cart :-Customer Can Add Product to cart
- View Cart : - Customer can view Products in Cart
- Update Quantity in Cart :- Customer can Increase or Decrease quantity in the cart
- View My Orders :- Customer can view his all Orders placed
- Place Order : -Customer can Place Order of the Medicines
- Cancel Order :- Customer can cancel Placed Orders
- Logout – After utilizing the portal, students can Logout of the portal.

FOR ADMINS:

- Register :- User can register as a Admin
- Login & Logout :-Admin can Login And Logout into there respective Accounts
- Add Category :- Admin can add Medicine Category
- Add Product : - Admin can add product in a particular Category
- View all Orders:- Admin can view Orders from all Customers
- Update Order Status :- Admin can update status of Orders placed by customers
- Update Product :- Admin can update Name , Stock etc. of a Products
- View All Users:- Admin can view all Users Registered

FEASIBILITY STUDY

Feasibility is the determination of whether a project is worth undertaking or not. Before actually recommending the new system, it is important to investigate if it is feasible to develop it. Before developing and implementing a system, we have to make sure that the system is feasible in the following ways:

TECHNICAL FEASIBILITY

In this type of feasibility study, the system analyst has to check whether it is possible or not to develop the requested system with the available manpower, software, hardware, etc. This project makes use of cross-platform software and solutions like Java, and hence can run on any operating system. JavaScript, used in front-end, is a swift and versatile framework when it comes to delivering the requested page. Also, as JavaScript is popular, it is easy to learn it and utilizing it as front end technology. The combination of Spring Boot, Spring Data JPA and Spring Security for backend make for a fast, easy to set-up and reliable system to interact with the database, as they are secure and transactional in nature. Since the sensitive data of customers and admins need to be stored in a robust and secure database, MySQL database management system was chosen as it is an industry standard.

OPERATIONAL FEASIBILITY

In this type of feasibility study, the operation of the system is considered. An analysis is performed on whether it is feasible for the customer department to use the application. Thus, the proposed system is said to be operationally feasible only if clients are able to understand the system clearly and correctly, and can use it with ease.

In the design of this project, we always kept user experience in mind. We made an effort to have a good user interface with consistent theme and good design to keep the users interested and engaged. In our project, the use of universally known icons and instructions that are easy to understand makes sure that the user will not need any special technical know-how to use the application. We made sure that the information available throughout the application is arranged in a logically coherent and consistent manner, guaranteeing that the users will have a smooth and effortless experience and even enjoy using the application.

ECONOMIC FEASIBILITY

In this type of feasibility study, the benefits of the system to the organization are considered by taking into consideration the cost-benefit analysis. All the software and technologies used in our project are free, open-source, and widely available, with each of the technologies having an extensive community support. This makes “MedEasyIN” an economically feasible solution to implement it.

REQUIREMENTS FULFILLED

FUNCTIONAL REQUIREMENTS

Following are the functional requirements fulfilled by our project:

- Users can register themselves by providing Basic Details
- Users Can View Medicines, Add Medicines to Cart, Place Order
- User can view all his Orders placed recently or previously
- Users can cancel Orders
- Admin can add category, add Medicines.
- Admin can update existing Medicines
- Admin can view all Users, can update all orders status

NON-FUNCTIONAL REQUIREMENTS

Following are the non-functional requirements fulfilled by our project:

- Since the application uses lightweight and established software components that are also cross-platform, it is remarkably performant and has good support for every operating system.
- The use of ReactJS for front end and Spring Boot, Spring Data JPA and Spring Security for back end delivers quick response times to admins and Customers.
- Card-style UI and well-known icons and symbols used throughout the application provides a consistent theme and user-friendly interface that anyone can grasp easily, even without a technical background.

PROJECT DESIGN

DATA MODEL

The following tables depict the database design used for “CDAC APP” application:
Tables for Registration and Login

CART ITEMS:

```
1  
2 • desc cart_items;
```

Field	Type	Null	Key	Default	Extra
id	bigint(20)	NO	PRI	NULL	auto_increment
quantity	int(11)	YES		NULL	
total_price	double	NO		NULL	
cart_id	bigint(20)	YES	MUL	NULL	
product_id	bigint(20)	YES	MUL	NULL	

CARTS:

```
1  
2 • desc carts;
```

Field	Type	Null	Key	Default	Extra
id	bigint(20)	NO	PRI	NULL	auto_increment
created	date	YES		NULL	
total_items	int(11)	YES		NULL	
total_price	double	YES		NULL	
updated	date	YES		NULL	
user_id	bigint(20)	YES	MUL	NULL	

CATEGORIES:

```
1  
2 • desc categories;
```

Field	Type	Null	Key	Default	Extra
id	bigint(20)	NO	PRI	NULL	auto_increment
created	date	YES		NULL	
total_items	int(11)	YES		NULL	
total_price	double	YES		NULL	
updated	date	YES		NULL	
user_id	bigint(20)	YES	MUL	NULL	

DELIVERY ADDRESS:

1
2 • desc delivery_address;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Field	Type	Null	Key	Default	Extra
▶	id	bigint(20)	NO	PRI	NULL	auto_increment
	created	date	YES		NULL	
	total_items	int(11)	YES		NULL	
	total_price	double	YES		NULL	
	updated	date	YES		NULL	
	user_id	bigint(20)	YES	MUL	NULL	

ORDER DETAILS:

1
2 • desc order_details;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Field	Type	Null	Key	Default	Extra
▶	id	bigint(20)	NO	PRI	NULL	auto_increment
	quantity	int(11)	YES		NULL	
	total_price	double	YES		NULL	
	order_id	bigint(20)	YES	MUL	NULL	
	product_id	bigint(20)	YES	MUL	NULL	

ORDERS:

1
2 • desc orders;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Field	Type	Null	Key	Default	Extra
▶	id	bigint(20)	NO	PRI	NULL	auto_increment
	delivery_date	date	NO		NULL	
	order_date	date	NO		NULL	
	shipping_price	double	YES		NULL	
	status	varchar(255)	NO		NULL	
	total_price	double	NO		NULL	
	address_id	bigint(20)	YES	MUL	NULL	
	user_id	bigint(20)	YES	MUL	NULL	

PRODUCTS:

2 • desc products;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Field	Type	Null	Key	Default	Extra
id	bigint(20)	NO	PRI	NULL	auto_increment
description	varchar(255)	YES		NULL	
exp_date	date	YES		NULL	
image_path	varchar(255)	YES		NULL	
name	varchar(20)	NO		NULL	
price	double	NO		NULL	
stock	int(11)	YES		NULL	
category_id	bigint(20)	YES	MUL	NULL	

USERS TABLE:

2 • desc users_tbl;

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

Field	Type	Null	Key	Default	Extra
id	bigint(20)	NO	PRI	NULL	auto_increment
email	varchar(50)	NO	UNI	NULL	
first_name	varchar(25)	YES		NULL	
last_name	varchar(25)	YES		NULL	
mobile_number	varchar(10)	NO		NULL	
password	varchar(300)	NO		NULL	
role	varchar(15)	YES		NULL	

Data flow in database:

```
mysql> show tables;
+-----+
| Tables_in_medeasyin |
+-----+
| cart_items           |
| carts                |
| categories           |
| delivery_address     |
| order_details        |
| orders               |
| products             |
| users_tbl            |
+-----+
8 rows in set (0.00 sec)
```

Users in user table:

```
mysql> select * from user_tbl;  
ERROR 1146 (42S02): Table 'medeasyin.user_tbl' doesn't exist  
mysql> select * from users_tbl;
```

id	email	first_name	last_name	mobile_number	password	role
1	sagar@gmail.com	Sagar	Sabne	7895645654	\$2a\$10\$PV6YJGReeHw73JxpWLGzS0zBuZbdfJNFvUyAhkHgzy91puXtD/.0	CUSTOMER
2	mayank@gmail.com	Mayank	Vaid	7123456789	\$2a\$10\$0ccb83MCsk4yHDxv1KZ.se1NQw60r5AI0tWxkc9yTAXaQZhiQjP70	ADMIN

2 rows in set (0.02 sec)

Cart table getting updated after product added in cart:

```
mysql> select * from carts;
```

id	created	total_items	total_price	updated	user_id
1	2023-03-12	0	0	2023-03-13	1

1 row in set (0.01 sec)

```
mysql> select * from carts;
```

id	created	total_items	total_price	updated	user_id
1	2023-03-12	5	216	2023-03-13	1

1 row in set (0.00 sec)

Products added to order table:

```
mysql> select * from cart_items;
```

id	quantity	total_price	cart_id	product_id
6	3	36	1	1
7	2	180	1	2

2 rows in set (0.01 sec)

```
mysql> select * from orders;
```

id	delivery_date	order_date	shipping_price	status	total_price	address_id	user_id
1	2023-03-22	2023-03-12	40	CANCELED	64	1	1
2	2023-03-23	2023-03-12	40	CANCELED	130	2	1
3	2023-03-23	2023-03-13	40	CANCELED	142	3	1
4	2024-12-12	2023-03-13	40	CANCELED	220	4	1
5	2024-12-12	2023-03-13	40	PLACED	256	5	1

5 rows in set (0.01 sec)

Cart updated after order placed and address table:

```
mysql> select * from carts;
```

id	created	total_items	total_price	updated	user_id
1	2023-03-12	0	0	2023-03-13	1

1 row in set (0.00 sec)

```
mysql> select * from delivery_address;
```

id	adress_line1	adress_line2	city	state	zip_code
1	a	b	c	s	zry15432
2	Pune	Pune	Pune	MH	123321
3	123	123	123	123	123321
4	1	1	1	1	123123
5	Pune	Pune	Pune	Pune	123456

5 rows in set (0.00 sec)

Products Table:

```
mysql> select * from products;
```

id	description	exp_date	image_path	name	price	stock	category_id
1	Headache Removal	2023-03-31	images\crocin.jpg	Crocine	12	302	2
2	Cough Syrup	2023-03-31	images\Adulsa.jpg	Adulsa	90	105	1

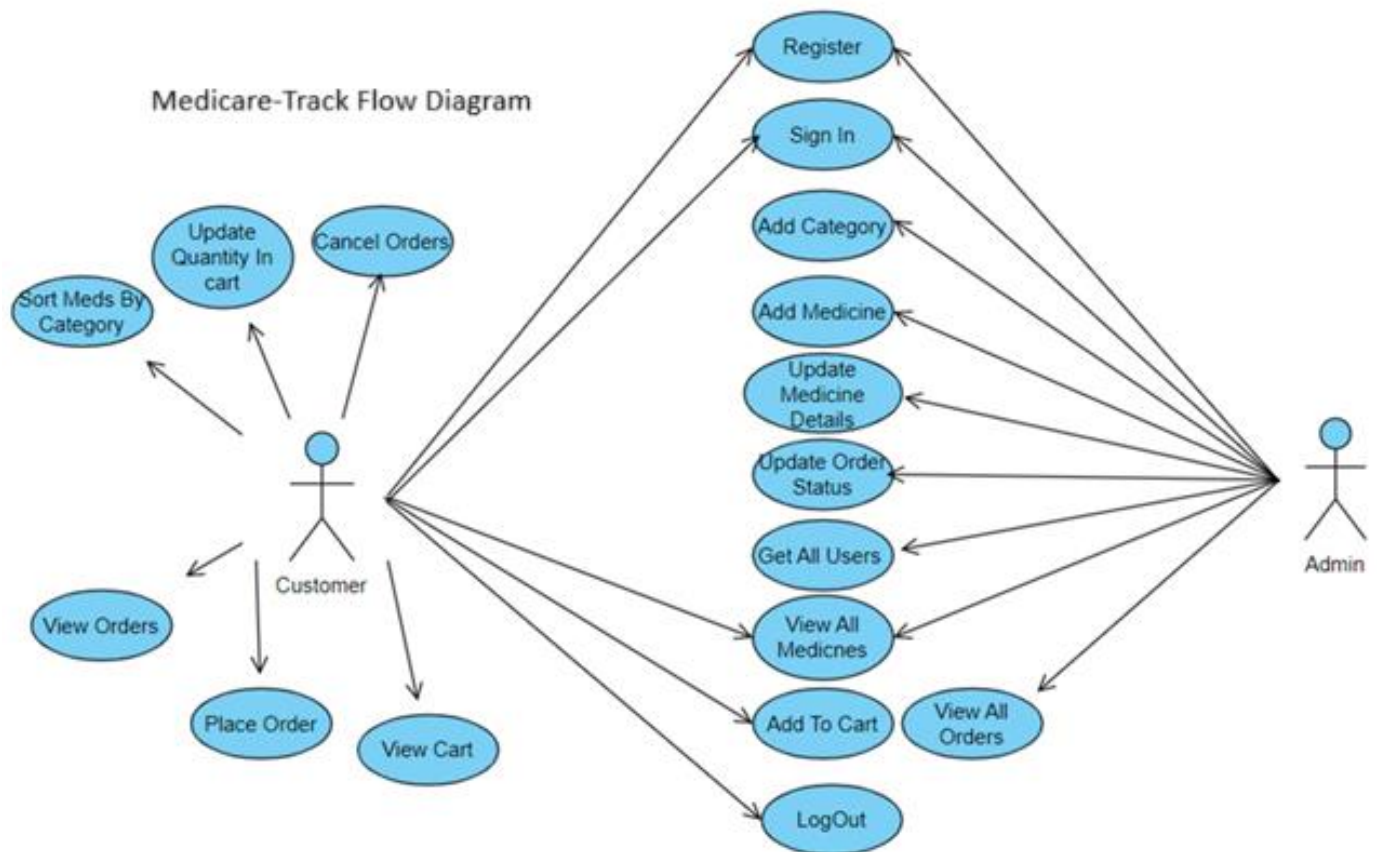
2 rows in set (0.01 sec)

```
mysql> select * from categories;
```

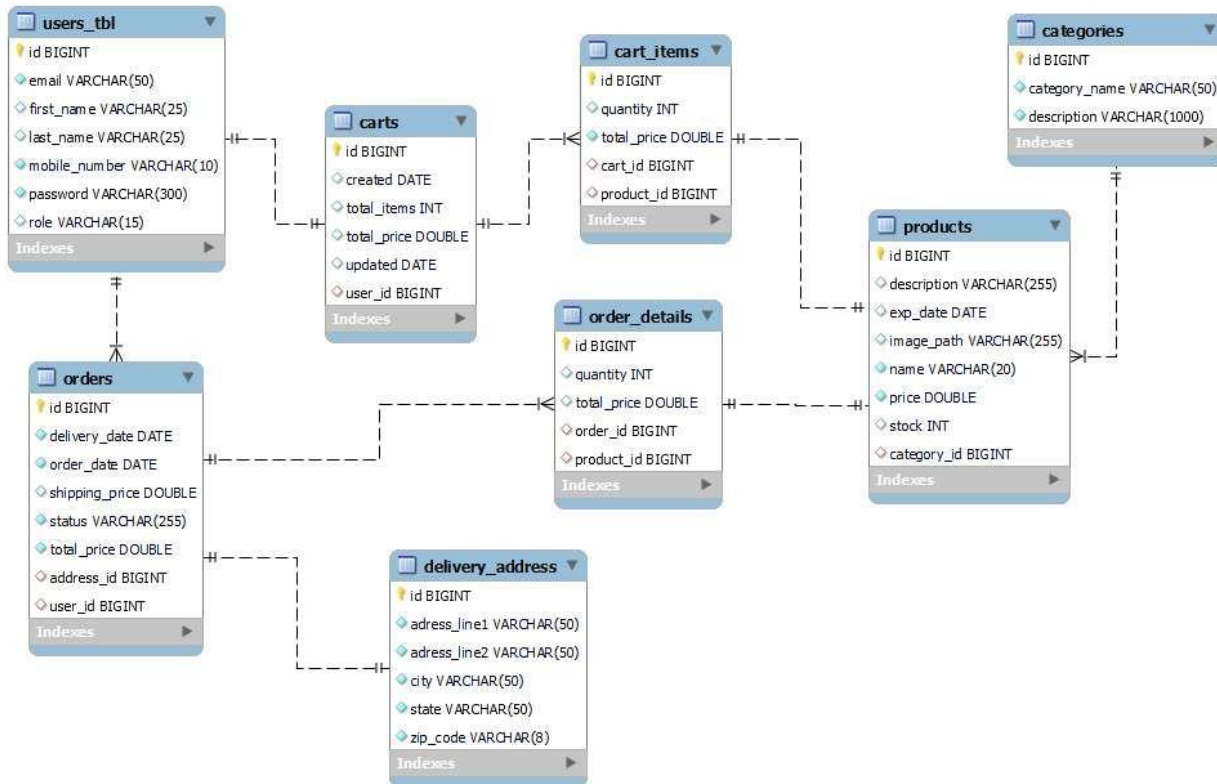
id	category_name	description
1	Syrups	Cough Syrups
2	Tablets	General Tablets

2 rows in set (0.00 sec)

USE FLOW DIAGRAM:

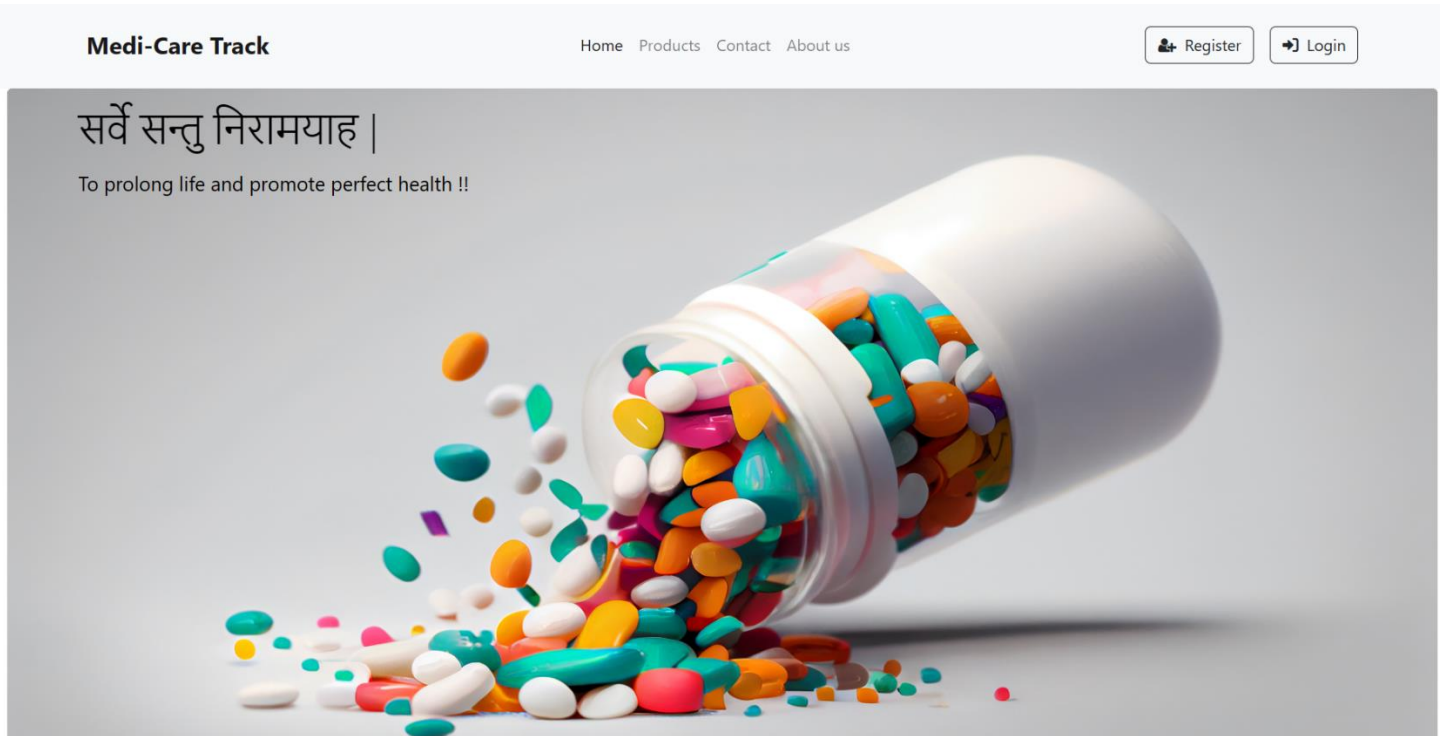


ER-DIAGRAM:



PROJECT SCREENSHOTS

HOME PAGE:



REGISTER USER PAGE:

The screenshot shows the 'Register' page of the 'Medi-Care Track' website. The page has a light gray background. At the top, there is a navigation bar identical to the one on the home page. The main heading 'Register' is centered at the top of the form area. To the right of the form is a decorative image showing a pair of black-rimmed glasses, several yellow capsules, a small glass dish containing more capsules, a black pen, and a clipboard with a piece of lined paper. The registration form itself consists of several input fields: 'First Name' with a placeholder 'Enter First Name', 'Last Name' with a placeholder 'Enter Last Name', 'Email address' with a placeholder 'name@example.com', 'Password' with a placeholder 'Password', and a role selection dropdown menu with the text '-- select an option --'. Below these fields is a 'Mobile Number' field with a placeholder 'Mobile Number'. At the bottom of the form, there is a link that says 'Already has an account? Login' and a dark gray 'Register' button.

LOGIN PAGE:

Medi-Care Track

[Home](#) [Products](#) [Contact](#) [About us](#)

REGISTER

LOGIN

Login

Email address

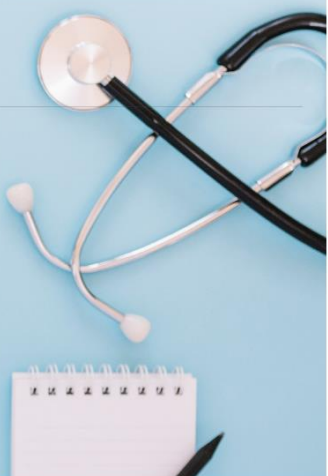
name@example.com

Password

Password

New Here? [Register](#)

LOGIN



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@

in

h

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www.medicaretrack.in

CONTACT US:


Medi-Care Track

[Home](#) [Products](#) [Contact](#) [About us](#)

REGISTER

LOGIN

Contact Us



Mobile Number: +(91) 7709235338

Name

Enter your name

Address

Enter your address

SEND

f

t

G

@

in

h

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ABOUT US:

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[LOGIN](#)

About Us

Online **Medicaretrack.in** It is a Online Pharmacy, ayurvedic store,Health Store - Its a one stop shop that offers effective Medical products, healthcare solutions to all those individuals who are health enthusiasts. Providing over 20,000 health and ayurvedic herbal medicines online at the lowest guaranteed price - with the highest pharmaceutical standards. We offer premium and the largest range of original health and fitness products across various categories and leading brands. We dedicate this portal to all those people who are keen to purchase healthcare products online.

The aim is to supply cheaper products to everybody who has access to the internet and deliver those products to their door. Through harnessing the power of the internet and supplying you directly, this website will save up to 75% off the cost of many well known products found in your local Medical Shop. We aim at covering various healthcare categories comprehensively which include – Diabetes,Nutrition,Sports and fitness,Body Building, Beauty care and Personel Care Produts,Mother and Baby Care and Health Devices. We enjoy comprehensive understanding of the shopper's needs and make our best efforts to cater them with an extensive choice of both Indian and globalbrands

online medical store offers a variety of key services includingayurvedic herbal pharmacy and over-the-counter medicines, vitamins and health supplements, family planning , ayurvedic herbal beauty cosmetic products, ayurvedic herbal medicine ,toilettries, electrical items and baby care products. The service is supervised by fully qualified pharmacists who are available to discuss symptoms and issues about medical problems in a confidential environment through email and oversee all medicinal purchases.

So, make a move and Happy Shopping !!!!



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ADMIN FLOW:

AFTER ADMIN LOGIN HOME PAGE:

Medi-Care Track [Products](#) [Contact](#) [About us](#) [USERS](#) [+ADD CATEGORY](#) [+ ADD PRODUCT](#) [ALL ORDERS DETAILS](#) [LOGOUT](#) Welcome jay

Latest Products

[ALL](#) [BODY](#) [SKIN-CARE](#) [AYURVEDIC](#) [SURGICAL](#) [PERSONAL-CARE](#) [BABY -CARE](#)



paracetamol

DOLO 650MG TABLET contains Paracetamol which



Cough-Syrup

SBL Stobal Cough Syrup is effective in all types of



Body-Lotion

Himalaya Herbls Revitalizing Night Cream is a

PRODUCTS SORTED BY CATEGORY (SKIN CARE CATEGORY):

Medi-Care Track [Products](#) [Contact](#) [About us](#) [USERS](#) [+ADD CATEGORY](#) [+ ADD PRODUCT](#) [ALL ORDERS DETAILS](#) [LOGOUT](#) Welcome jay

Latest Products

[ALL](#) [BODY](#) [SKIN-CARE](#) [AYURVEDIC](#) [SURGICAL](#) [PERSONAL-CARE](#) [BABY -CARE](#)



Body-Lotion

Himalaya Herbls Revitalizing Night Cream is a



DEEP CLEANSING

Garnier Men Facewash

Garnier Men Oil Clear FaceWash has an intense

FACE WASH

50g

ADD CATEGORY BY ADMIN:

Medi-Care Track[Products](#)[Contact](#)[About us](#)

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

Category added

Latest Products

ALL

BODY

SKIN-CARE

AYURVEDIC

SURGICAL

PERSONAL-CARE

BABY -CARE

MOM AND BABY

HOMOPATHY

paracetamol...

DOLO 650MG TABLET contains Paracetamol which

Cough-Syrup...

SBL Stobal Cough Syrup is effective in all types of

Body-Lotion...

Himalaya Herbals Revitalizing Night Cream is a

ADD PRODUCT:

localhost:3000/addproduct

USERS+ADD CATEGORY+ ADD PRODUCTALL ORDERS DETAILSLOGOUTWelcome jay

Add Product

Product Name

Skin Wipes

Product price

199

Product Description

Disposable wipes are made for baby care, hand washing, feminine and other personal cleansing, removing makeup, and applying products such as deodorants and sunless tanners, among other uses. Many wipes, but not all, are regulated as cosmetics.

Product Stock

20

PRODUCT ADDED SUCCESSFULLY:

Medi-Care Track

Products

Contact

About us

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

Product Added

X

Latest Products

ALL

BODY

SKIN-CARE

AYURVEDIC

SURGICAL

PERSONAL-CARE

BABY -CARE

MOM AND BABY



paracetamol

DOLO 650MG TABLET contains Paracetamol which



Cough-Syrup

SBL StobaL Cough Syrup is effective in all types of



Body-Lotion

Himalaya Herbals Revitalizing Night Cream is a

NEWLY ADDED PRODUCT IN SKIN CATEGORY:

Medi-Care Track

Products

Contact

About us

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

LOGOUT

Welcome jay



Skin Wipes

Skin Wipes for face

Stock : 13

Rs. 199

UPDATE PRODUCT



Skin Wipes

Disposable wipes are made for baby care, hand washing, feminine and other personal cleansing, removing makeup, and applying products such as deodorants and sunless tanners, among other uses. Many wipes, but not all, are regulated as cosmetics.

Stock : 20

Rs. 199

ALL ORDERS PAGE:

Medi-Care Track

[Products](#) [Contact](#) [About us](#)

USERS

+ADD CATEGORY

+ ADD PRODUCT





ALL ORDERS DETAILS

LOGOUT

Welcome jay

UPDATE ORDER STATUS

please copy Order Id First

Order Id	Product	Name	description	Quantity	Total Price	Customer Name	Address	City	Pin Code	Mobile Number	Status	Order date	Delivery Date
1		Garnier Men Facewash	Garnier Men Oil Clear FaceWash has an in...	1	180	harsh jain	shantiniketan a4-1103	pune	425201	7709235338	DELIVERED	2023-08-29	2023-08-31
1		paracetamol	DOLO 650MG TABLET contains Paracetamol W...	6	130	harsh jain	shantiniketan a4-1103	pune	425201	7709235338	DELIVERED	2023-08-29	2023-08-31
1		Vitamin D3 Softge	60000 IU of Vitamin D3 per dose Easy-to...	1	110	harsh jain	shantiniketan a4-1103	pune	425201	7709235338	DELIVERED	2023-08-29	2023-08-31
1		Body-Lotion	Himalaya Herbals Revitalizing Night Crea...	1	130	harsh jain	shantiniketan a4-1103	pune	425201	7709235338	DELIVERED	2023-08-29	2023-08-31

UPDATE ORDER:

Medi-Care Track

[Products](#) [Contact](#) [About us](#)

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

LOGOUT

Welcome jay

Update Product

Product Name

Surgical-Tape

Product price

250

Product Description

A hypoallergenic paper tape that is gentle to the skin yet adheres well and leaves minimal adhesive residue upon removal. An economical, general-purpose, breathable surgical tape. Not made with natural rubber latex. Available in white or tan.

Product Stock

196

ORDER STATUS UPDATE:

Medi-Care Track

Products

CONTACT


ABOUT US

LOGOUT

Welcome jay

UPDATE ORDER STATUS


please copy Order Id from the table below

Order Id	Product	Name
1		Garnier Men Facewash

clean & fresh.
Simply
massage on
wet face &
rinse with
water. Use
twice, daily.

Status	Order date	Delivery Date
CANCELED	2023-08-29	2024-12-12

1



paracetamol

DOLO 650MG
TABLET
contains
Paracetamol

6

130

harsh jain

shantiniketan
a4-1103

pune

425201

7709235338

CANCELED

2023-08-29

2024-12-12

UPDATE PRODUCT:

Medi-Care Track

Products

CONTACT

ABOUT US

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

LOGOUT

Welcome jay

Update Product

Product Name

Surgical-Tape

Product price

250

Product Description

A hypoallergenic paper tape that is gentle to the skin yet adheres well and leaves minimal adhesive residue upon removal. An economical, general-purpose, breathable surgical tape. Not made with natural rubber latex. Available in white or tan.

Product Stock

196

PRODUCT UPDATED:

Medi-Care Track

[Products](#)[Contact](#)[About us](#)

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

Product Updated

Latest Products

- ALL
- BODY
- SKIN-CARE
- AYURVEDIC
- SURGICAL
- PERSONAL-CARE
- BABY -CARE
- MOM AND BABY



paracetamol

DOLO 650MG TABLET contains Paracetamol which



Cough-Syrup

SBL StobaL Cough Syrup is effective in all types of



Body-Lotion

Himalaya Herbals Revitalizing Night Cream is a

ALL USERS LIST ON ADMIN PAGE:

Medi-Care Track

[Products](#)[Contact](#)[About us](#)

USERS

+ADD CATEGORY

+ ADD PRODUCT

ALL ORDERS DETAILS

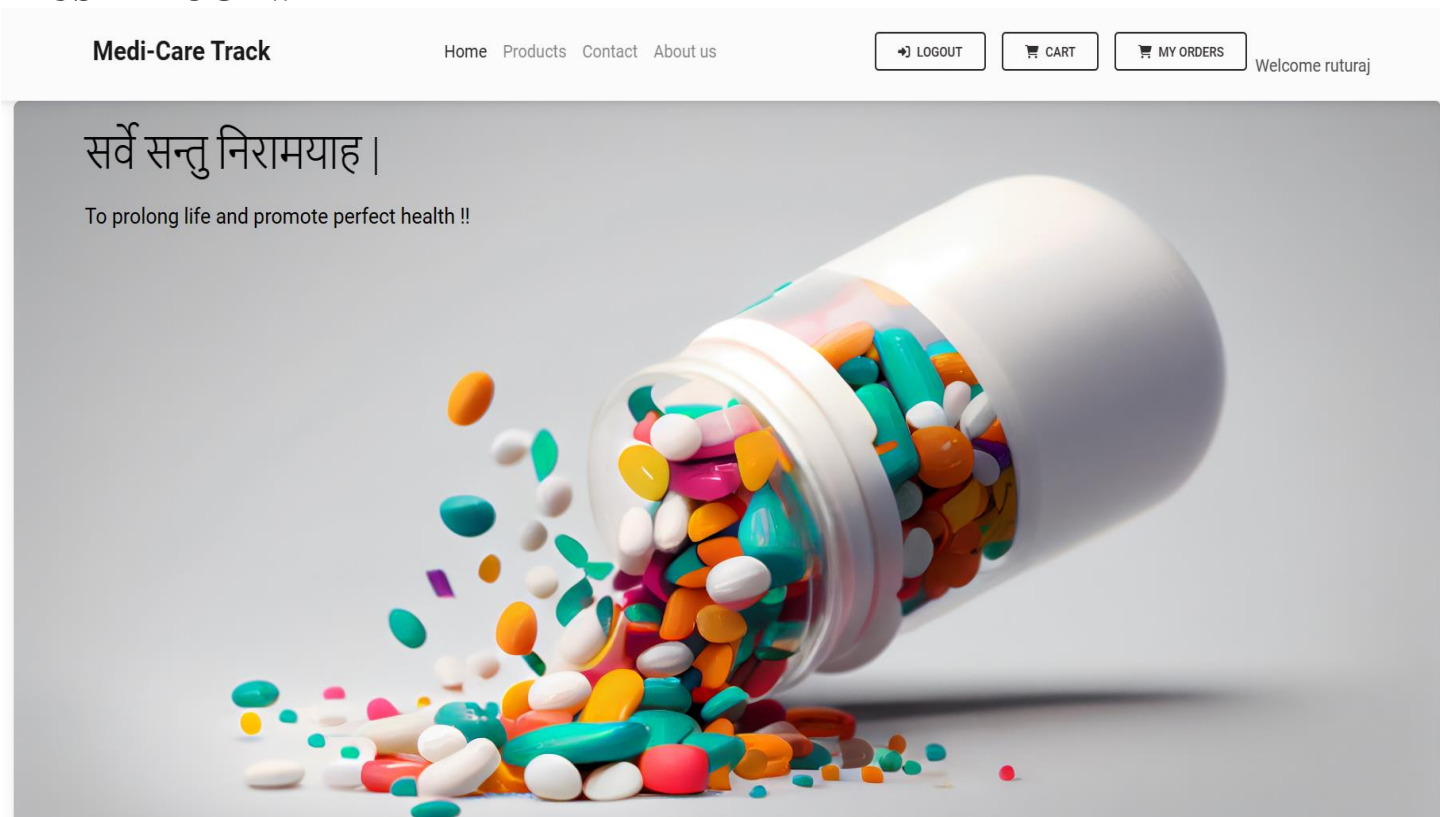
LOGOUT

Welcome jay

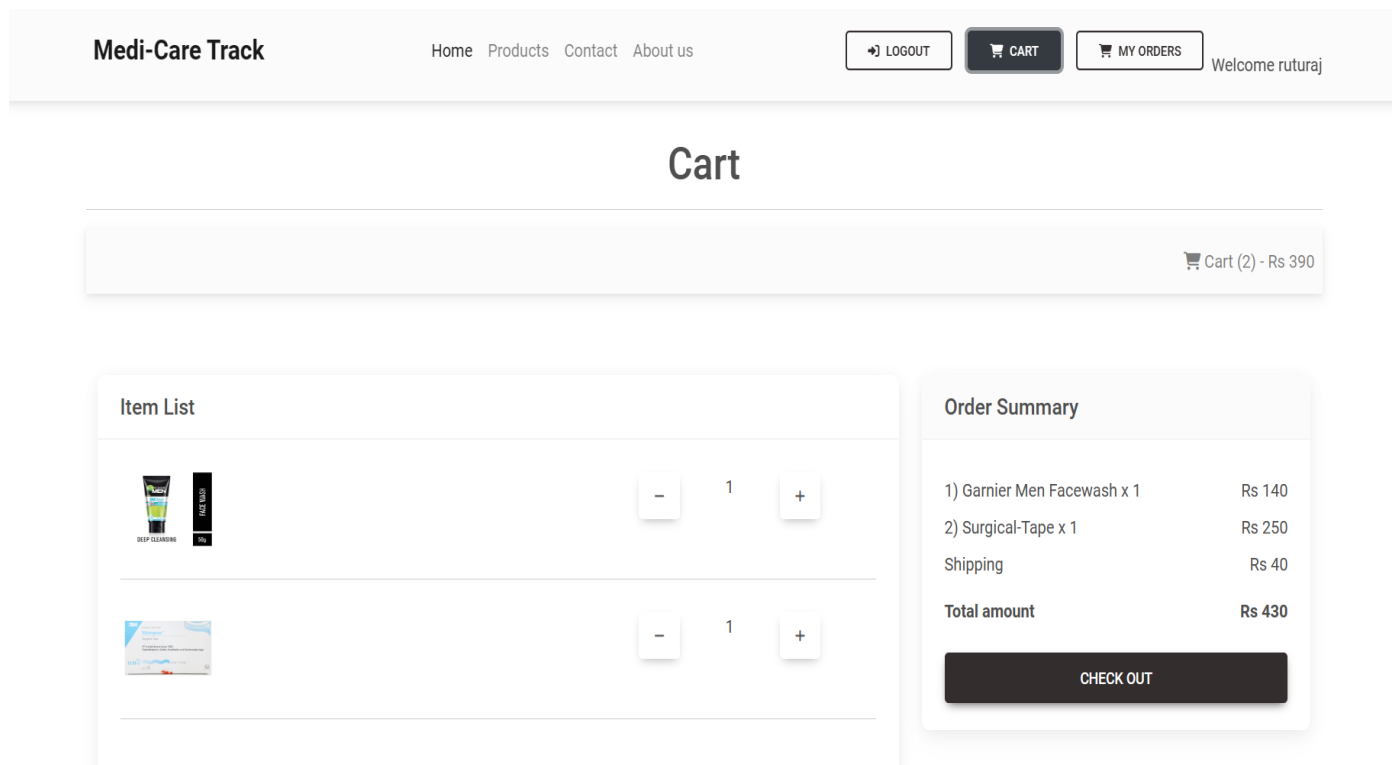
User Id	First Name	Last Name	Email	Role	MobileNumber
1	jay	jay	jay@gmail.com	ADMIN	7709235338
2	harsh	jain	harshmutha333@gmail.com	CUSTOMER	7709235338
3	Ramm	Girhe	ram@gmail.com	CUSTOMER	9856324756
4	ruturaj	shinde	ruturaj@gmail.com	CUSTOMER	8745158963
5	shantanu	hingane	shantanu@gmail.com	CUSTOMER	8754369856
6	mayur	bhadange	mayur@gmail.com	CUSTOMER	9123475896

USER FLOW:

USER LOGIN:



USER CART:



USER ORDERS:

Medi-Care Track

[Home](#) [Products](#) [Contact](#) [About us](#)

LOGOUT



CART

MY ORDERS

Welcome ruturaj

CANCEL ORDER

please copy Order Id First

Order Id	Product	Name	description	Quantity	Total Price	Customer Name	Address	City	Pin Code	Mobile Number	Status	Order date	Delivery Date
3		Garnier Men Oil Clear FaceWash	Garnier Men Oil Clear FaceWash has an in...	1	180	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12
3		Surgical-Tape	A hypoallergenic paper tape that is gent...	1	290	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12

ADD PRODUCT TO CART:


Medi-Care Track

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LOGOUT

CART

Item Added To Cart



FACE WASH

DEEP CLEANSING


50g

Garnier Men ...

Garnier Men Oil Clear FaceWash has an intense anti-grease action. It's oil absorbing miner...

Rs. 140

ADD TO CART




Dettol Antis...

Dettol Antiseptic Liquid provides protection to you and your family against illness-causin...

Rs. 75

ADD TO CART





Himalaya Ash...


Ashvagandha churna, these Ashvagandha Capsules are easy to take and helps you to relax by ...

Rs. 260

ADD TO CART







PRODUCTS IN CART:

Cart

Cart (2) - Rs 390

Item List



- 1 +



- 1 +

Order Summary

1) Garnier Men Facewash x 1	Rs 140
2) Surgical-Tape x 1	Rs 250
Shipping	Rs 40
Total amount	Rs 430

CHECK OUT

CHECKOUT PAGE:

Check Out

Address Line1

shantiniketan

Address Line2

a4-1103

City

pune

State

maharashtra

Zip Code

425201

PLACE ORDER

UPDATED MY ORDERS:

Medi-Care Track

[Home](#) [Products](#) [Contact](#) [About us](#)

LOGOUT



CART

MY ORDERS

Welcome ruturaj

CANCEL ORDER

please copy Order Id First

Order Id	Product	Name	description	Quantity	Total Price	Customer Name	Address	City	Pin Code	Mobile Number	Status	Order date	Delivery Date
3		Garnier Men Facewash	Garnier Men Oil Clear FaceWash has an in...	1	180	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12
3		Surgical-Tape	A hypoallergenic paper tape that is gent...	1	290	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12

CANCEL ORDER:

Medi-Care Track

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LOGOUT

CART

MY ORDERS

Welcome ruturaj

CANCEL ORDER



please copy Order Id First

Cancel Order

Order ID

3

CANCEL ORDER

Order Id	Product	Name	description	Quantity	Total Price	Customer Name	Address	City	Pin Code	Mobile Number	Status	Order date	Delivery Date
3		Garnier Men Facewash	Garnier Men Oil Clear FaceWash has an in...	1	180	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12
3		Surgical-Tape	A hypoallergenic paper tape that is gent...	1	290	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12

ORDERS PAGE AFTER CANCELLING ORDER

Medi-Care Track[Home](#) [Products](#) [Contact](#) [About us](#)



LOGOUT

CART

Order Cancelled

CANCEL ORDER

please copy Order Id First

Order Id	Product	Name	description	Quantity	Total Price	Customer Name	Address	City	Pin Code	Mobile Number	Status	Order date	Delivery Date
3		Garnier Men Facewash	Garnier Men Oil Clear FaceWash has an in...	1	180	ruturaj shinde	shantiniketan a4-1103	pune	425201	8745158963	CANCELED	2023-08-29	2024-12-12
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INVALID LOGIN:

Medi-Care Track[Home](#) [Products](#) [Contact](#) [About us](#)

Email or Password is not valid.

Login

Email or Password is not valid.

Email address


harshmutha333@gmail.com

Password

..

New Here? [Register](#)

LOGIN



TESTING

One of the main purposes of testing is to validate and verify that the system works as intended. No program or system design is perfect. However, if we implement the system without proper testing, then it may cause problems and lead to a bad user experience.

Testing and checking outcomes of each test gives us the best chance to detect and correct errors before the system is implemented in a production environment.

In the course of our project, we made an effort to manually test each component. In all cases, we obtained the desired results as demonstrated below.

CUSTOMER FEATURES TEST

#	Description	Outcome	Result
1.	Register as customer	Customers can register successfully.	Passed
2.	Login as Customer	Customer can login successfully	Passed
3.	View All Medicines	Customer can view all the medicines successfully	Passed
4.	Add product to cart	Customer can add products to cart successfully	Passed
5.	View medicines according to category	Customer can filter medicines based on category successfully	Passed
6.	Customer can view medicines in their cart	Customer can view medicines in their cart successfully.	Passed
7.	Customer can place order	Customer can place order successfully	Passed
8.	Customer can view all his orders	Customer can view all the orders successfully.	Passed
9.	Customer can cancel their orders	Customer can cancel their orders successfully.	Passed
10.	Customer can add or remove quantity in the product number in cart	Customer can edit the quantity of product in cart successfully.	Passed

ADMIN FEATURES TEST

#	Description	Outcome	Result
1.	Register user as admin	Saved user in database with role as admin	Passed
2.	Login as Admin	Fetches authenticated user details saved in database.	Passed
3.	Admin can add category for medicine	Category added to database successfully	Passed
4.	Admin can add medicine	Medicine added to database successfully	Passed
5.	Admin can update Medicine	Medicine details are updated and added to database successfully.	Passed
6.	Admin can update order status to in-process and delivered	Order status is updated by admin successfully	Passed
7.	Admin can see all registered users	Admin can see all the registered users successfully	Passed
8.	Logout	Admin can logout successfully	Passed

CONCLUSION

“**Medicare-Track**” is an online medical store, was developed by our project team to provide a platform for regular customers to buy medicines. We tried using the latest technologies that are cross-platform and robust. Each and every software we used was open-source in nature, which keeps the cost of production at a minimum.

We were also meticulous about the user experience aspect of our application so that navigating our website is an easy and seamless experience.

In conclusion, “**Medicare-Track**” as a platform would be beneficial for customers to buy medicines from the comfort of their home. We are confident that the numerous features and visually appealing look of the platform will make the online medical store effective for all the users and admins. This store can be scaled on higher side to add more features to it.

FUTURE SCOPE

Using whatever we have learnt over the duration of this course, we tried to make our project as user-friendly and gave it as many features as possible in the limited time allotted for the project work. That said, there are certainly more features that can be added to our application. Some of those are mentioned below:

- Admin functionalities can be improved for larger scale.
- More number of medicines can be added in the app.
- If a user forgets password, OTP can be sent to his/her registered mobilenumbers and registered Email Id to reset password.
- CAPTCHA can be added to login page.
- Delivery management can be implemented
- Prescriptions and Doctor consultation management can be added

9. REFERENCES

Following is the list of websites we referred during the course of our project:

<https://getbootstrap.com/docs/5.1/getting-started/introduction/>

<https://www.baeldung.com/>

<https://www.w3schools.com/>

<https://docs.spring.io/spring-data/jpa/docs/current/reference>

<https://javaee.github.io/javaee-spec/javadocs/>

<https://javadoc.io/doc/org.springframework.data/spring-data-jpa/latest/index.html>