Capstone Project – Medicare

Project Objective & Background: My Medicare portal is an frontend online e-commerce web application with a rich and user-friendly interface developed using Angular framework and also dynamic and responsive web application for ordering items online for different products.

Name: - Anurag Sharma
Github: - **https://github.com/Instantgaming2356/JAVAFSD-CapstoneProject**

Core Concepts used for Project:

1. Java - 1.8
2. Maven - 3.x.x
3. Spring Boot - 2.2.1.RELEASE
4. Spring Security
5. JWT (Json Web Token package)
6. Spring Data JPA
7. MySQL
8. H2-Database
9. PostgreSQL
10. Lombok
11. Git and GitHub
12. Agile Scrum Methodology
13. Docker
14. Jenkins
15. Angular - 11
16. Angular Material
17. Bootstrap 5.1
18. HTML
19. CSS
20. JAVASCRIPT

Sprint Planning

The Implementation is done in Eight sprints which are mentioned below.

Sprint 1:

Goal: Set up the project, define the architecture, and implement the basic functionality of the web application.

- Set up the development environment and create the project structure.
- Define the architecture of the web application, including the database schema, APIs, and user interface components.
- Implement the login and registration functionality.
- Implement the CRUD operations for the medicine categories.

Sprint 2:

Goal: Implement the main features of the web application, such as searching and ordering medicines, and ensure that the application is responsive.

- Implement the search functionality for medicines, including filtering and sorting options.
- Implement the shopping cart and checkout functionality.
- Implement the user profile page and settings.
- Ensure that the web application is responsive, i.e., it looks good and functions well on different devices and screen sizes.

Sprint 3:

Goal: Improve the user experience of the web application by adding features such as reviews, ratings, and recommendations.

- Implement the review and rating functionality for medicines.
- Implement the recommendation system for medicines based on user preferences and purchase history.
- Implement the notification system for important events, such as order confirmation and shipment.
- Improve the user interface and user experience based on feedback from users and stakeholders.

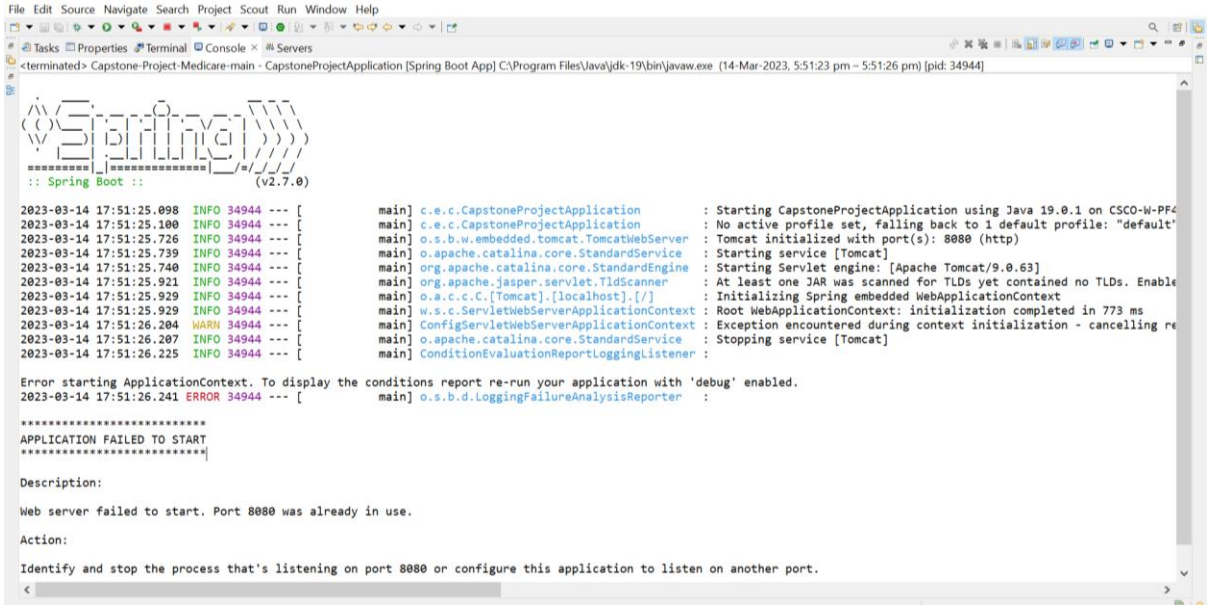
Sprint 4:

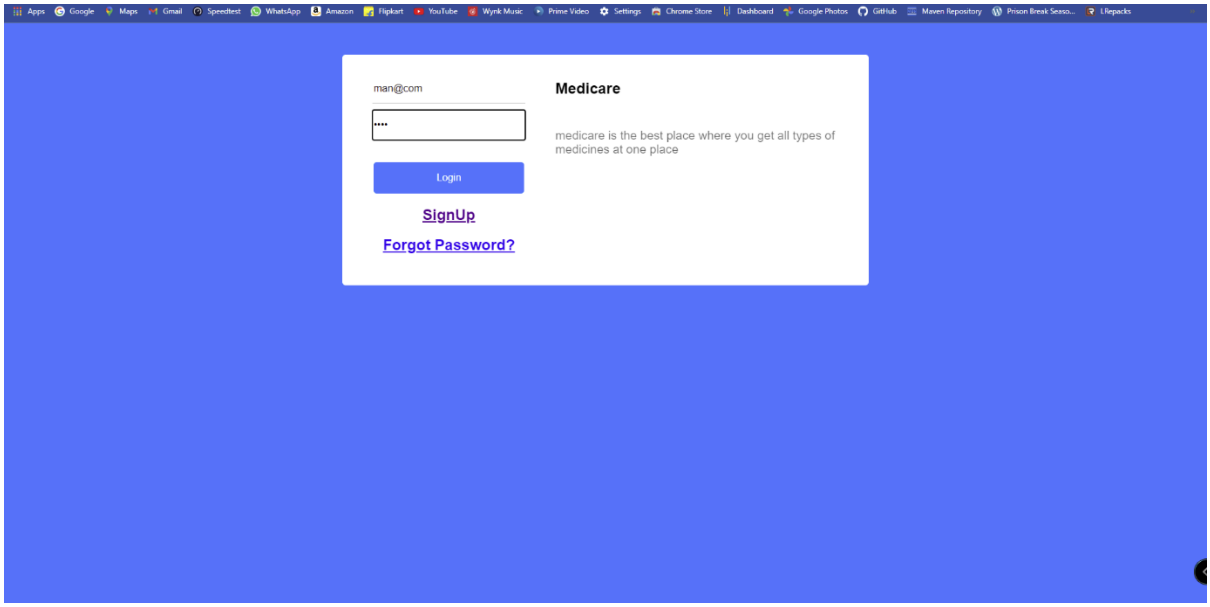
Goal: Testing, Deployment, and CI/CD.

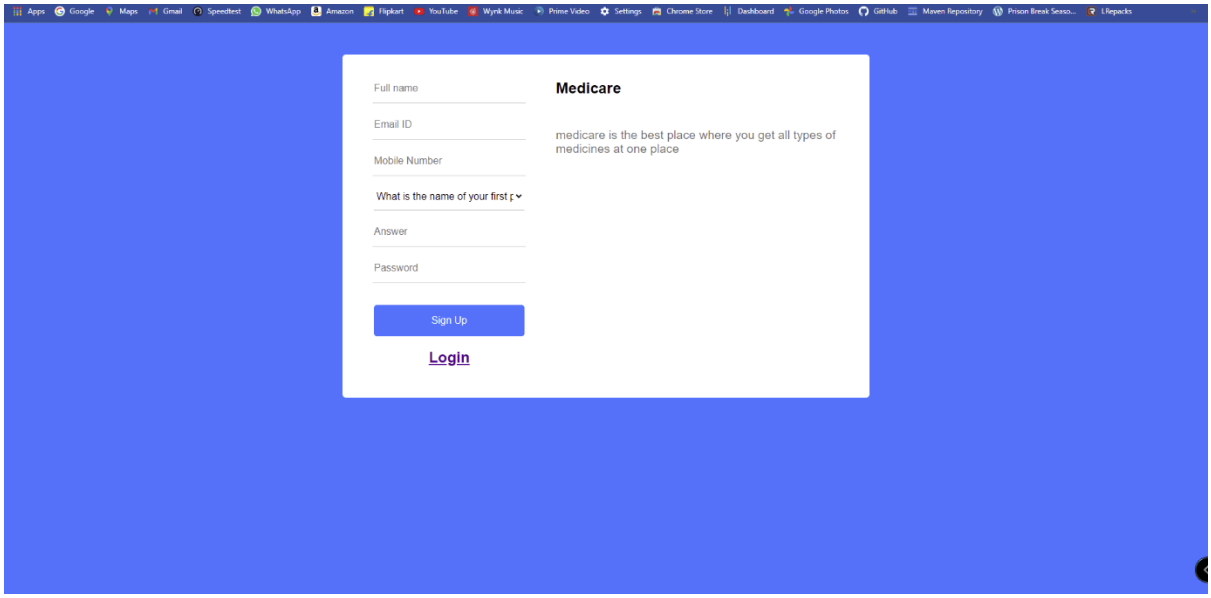
- Implement automation testing to test the application thoroughly.
- Set up a CI/CD pipeline using Jenkins to automate the build and deployment process.
- Deploy the application on an AWS EC2 instance.

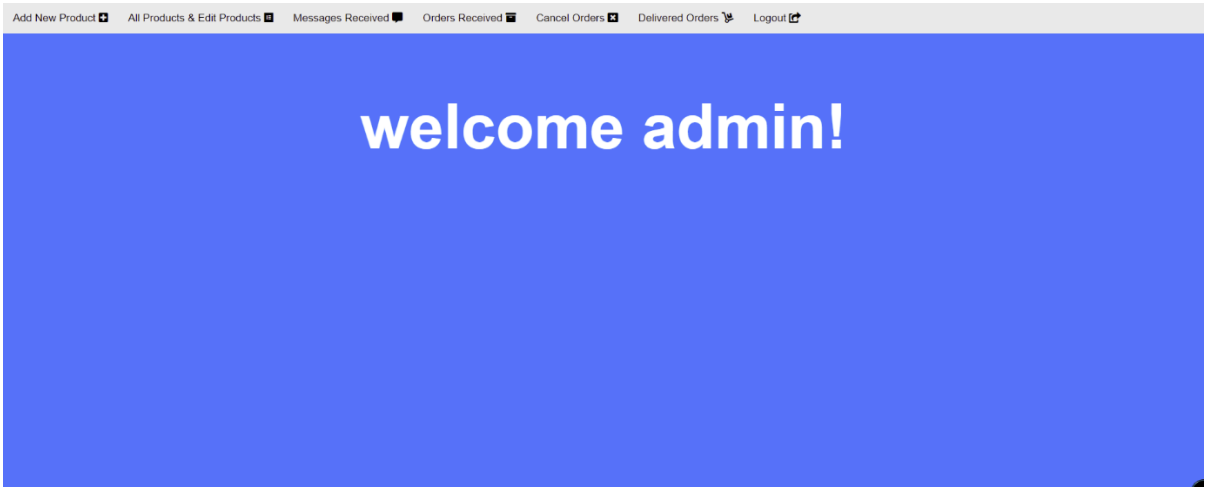
- Ensure the application is secure by implementing necessary security features like HTTPS.

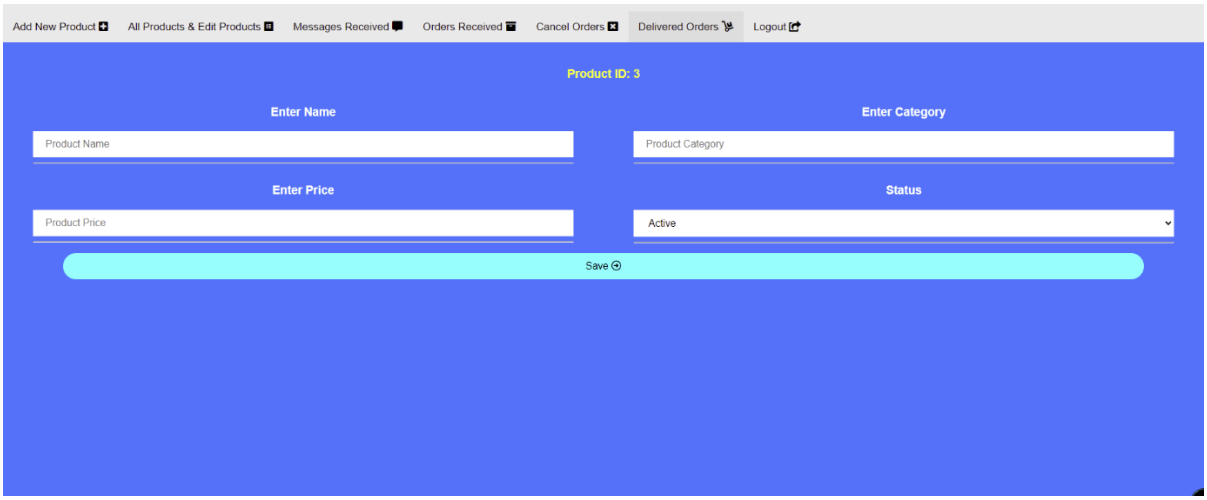
Screenshot

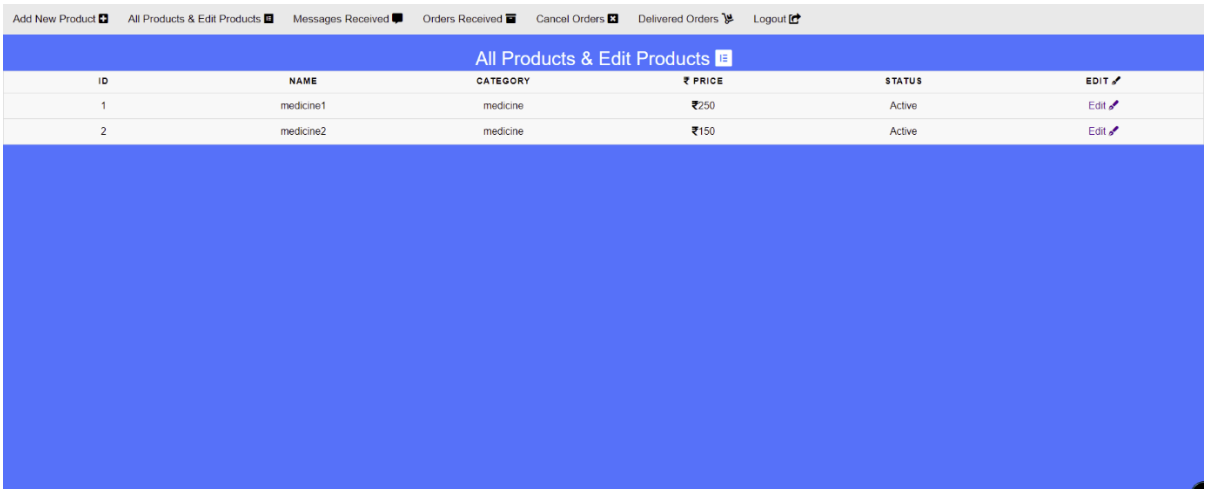


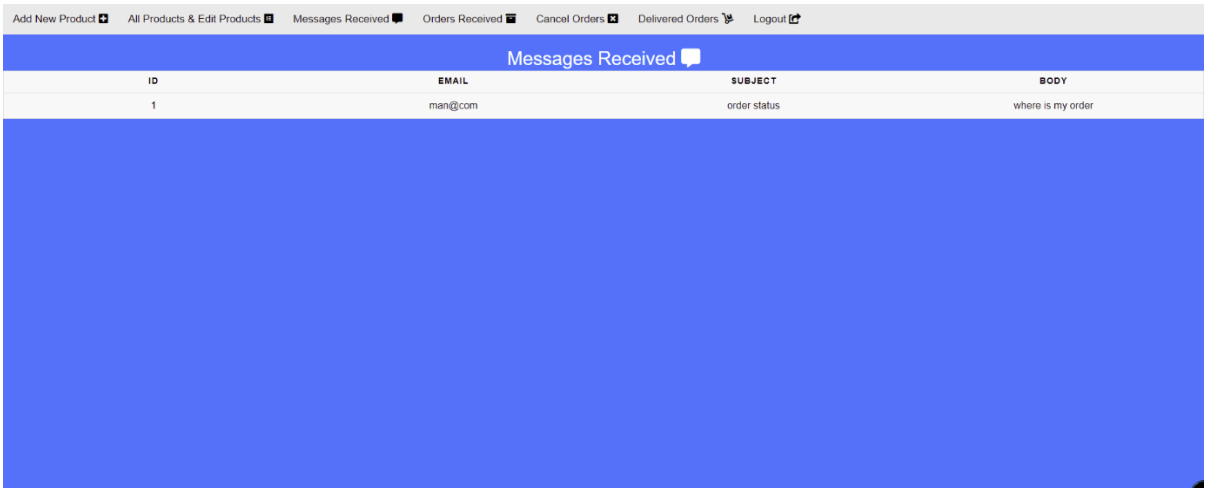


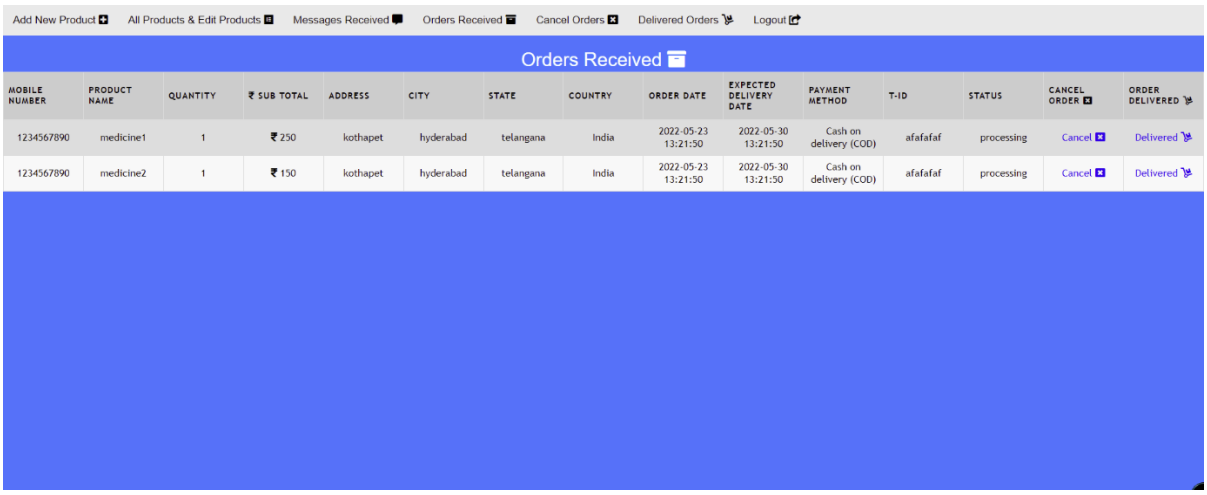

Apps
Google
Maps
Gmail
Speedtest
WhatsApp
Amazon
Flipkart
YouTube
Wynk Music
Prime Video
Settings
Chrome Store
Dashboard
Google Photos
GitHub
Maven Repository
Prison Break Seaso...
Lifepacks
Full name
Email ID
Mobile Number
What is the name of your first p
Answer
Password
Sign Up
Login
Medicare
medicare is the best place where you get all types of medicines at one place

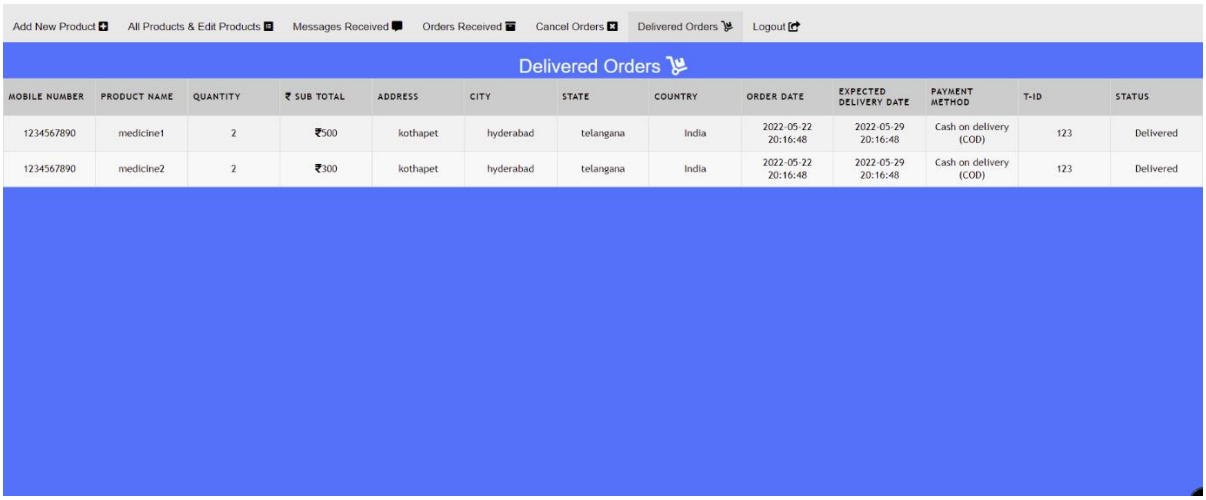

Add New Product
All Products & Edit Products
Messages Received
Orders Received
Cancel Orders
Delivered Orders
Logout
welcome admin!

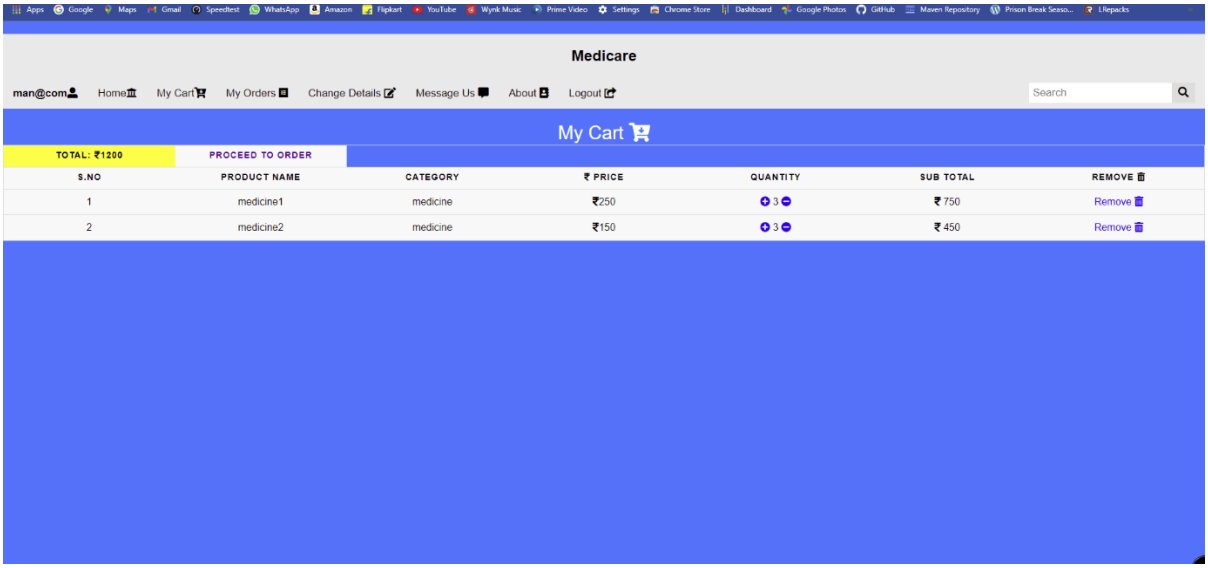

Add New Product
All Products & Edit Products
Messages Received
Orders Received
Cancel Orders
Delivered Orders
Logout
Product ID: 3
Enter Name
Product Name
Enter Category
Product Category
Enter Price
Product Price
Status
Active
Save

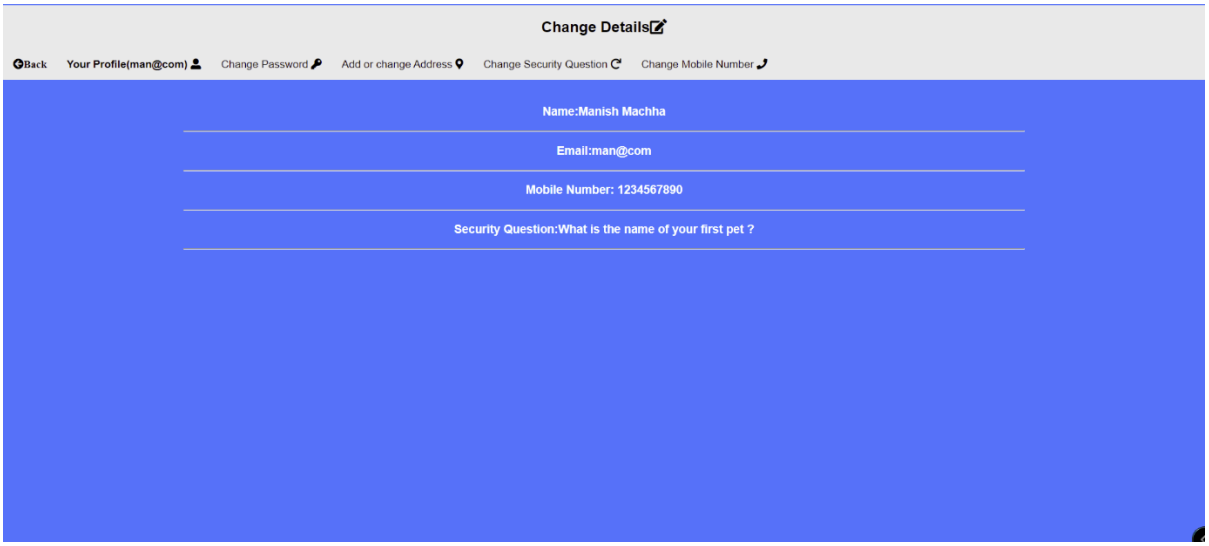

Add New Product
All Products & Edit Products
Messages Received
Orders Received
Cancel Orders
Delivered Orders
Logout
All Products & Edit Products
ID
NAME
CATEGORY
₹ PRICE
STATUS
EDIT
1
medicine1
medicine
₹250
Active
Edit
2
medicine2
medicine
₹150
Active
Edit

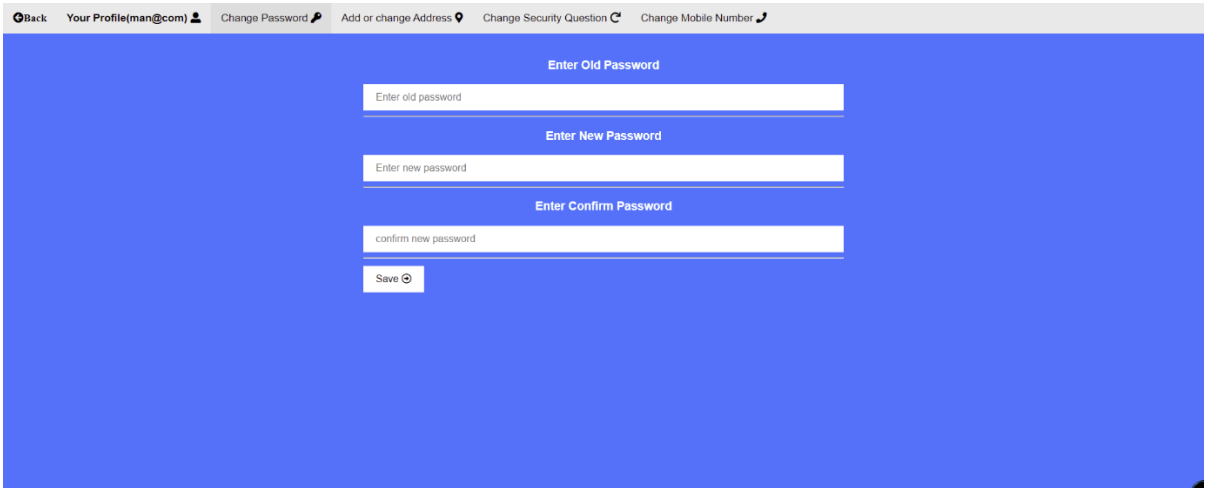

Add New Product
All Products & Edit Products
Messages Received
Orders Received
Cancel Orders
Delivered Orders
Logout
Messages Received
ID
EMAIL
SUBJECT
BODY
1
man@com
order status
where is my order

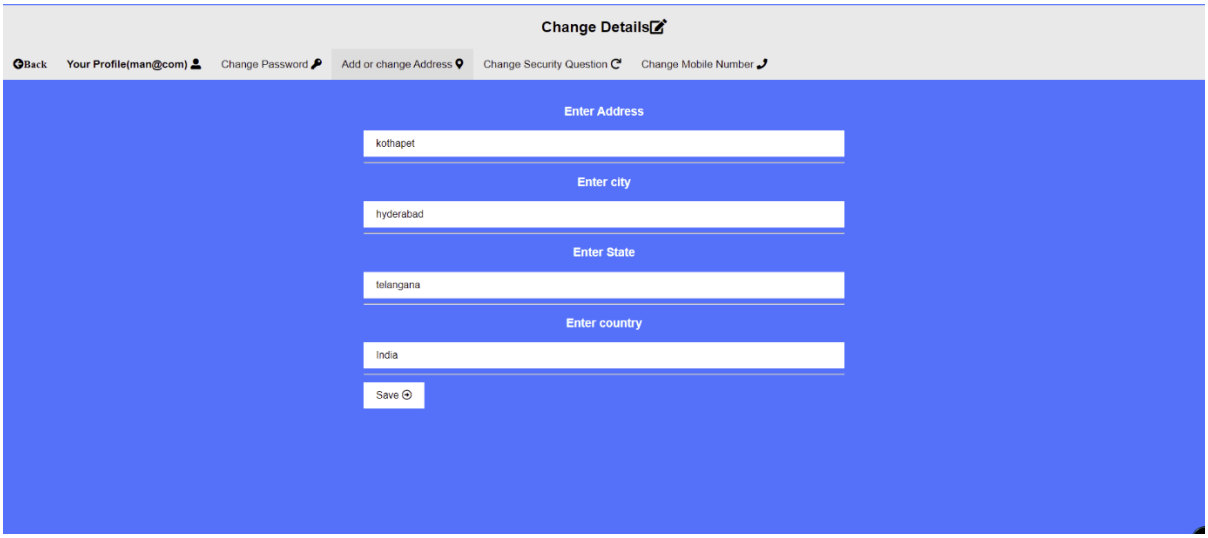

Add New Product
All Products & Edit Products
Messages Received
Orders Received
Cancel Orders
Delivered Orders
Logout
Orders Received
MOBILE NUMBER
PRODUCT NAME
QUANTITY
₹ SUB TOTAL
ADDRESS
CITY
STATE
COUNTRY
ORDER DATE
EXPECTED DELIVERY DATE
PAYMENT METHOD
T-ID
STATUS
CANCEL ORDER
ORDER DELIVERED
1234567890 medicine1 1 ₹ 250 kothapet hyderabad telangana India 2022-05-23 13:21:50 2022-05-30 13:21:50 Cash on delivery (COD) afafafaf processing Cancel Delivered
1234567890 medicine2 1 ₹ 150 kothapet hyderabad telangana India 2022-05-23 13:21:50 2022-05-30 13:21:50 Cash on delivery (COD) afafafaf processing Cancel Delivered

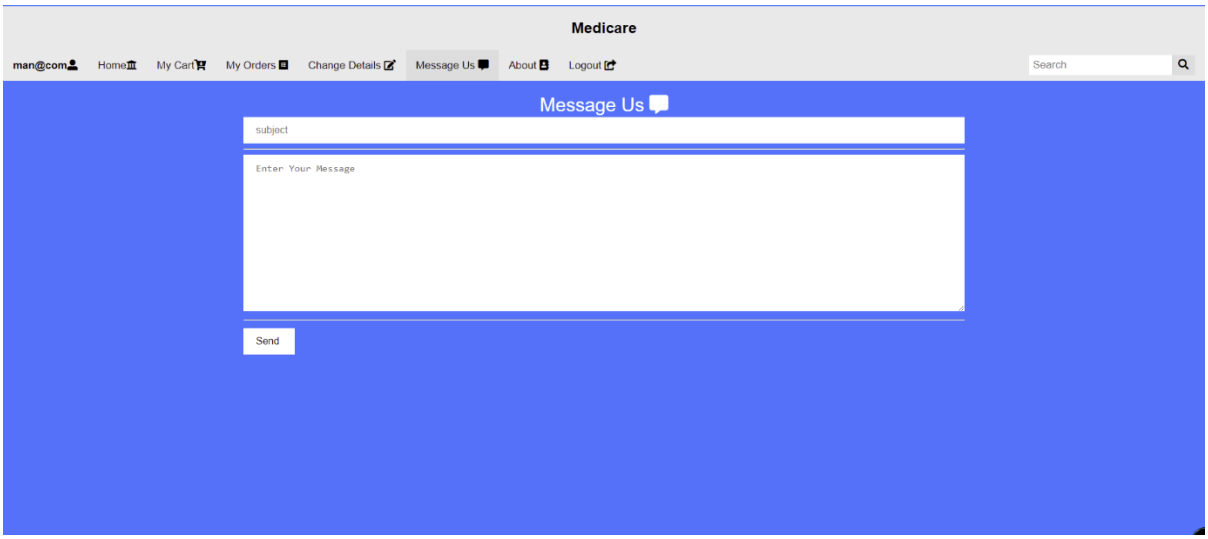

Add New Product
All Products & Edit Products
Messages Received
Orders Received
Cancel Orders
Delivered Orders
Logout
Delivered Orders
MOBILE NUMBER
PRODUCT NAME
QUANTITY
₹ SUB TOTAL
ADDRESS
CITY
STATE
COUNTRY
ORDER DATE
EXPECTED DELIVERY DATE
PAYMENT METHOD
T-ID
STATUS
1234567890 medicine1 2 ₹500 kothapet hyderabad telangana India 2022-05-22 20:16:48 2022-05-29 20:16:48 Cash on delivery (COD) 123 Delivered
1234567890 medicine2 2 ₹300 kothapet hyderabad telangana India 2022-05-22 20:16:48 2022-05-29 20:16:48 Cash on delivery (COD) 123 Delivered

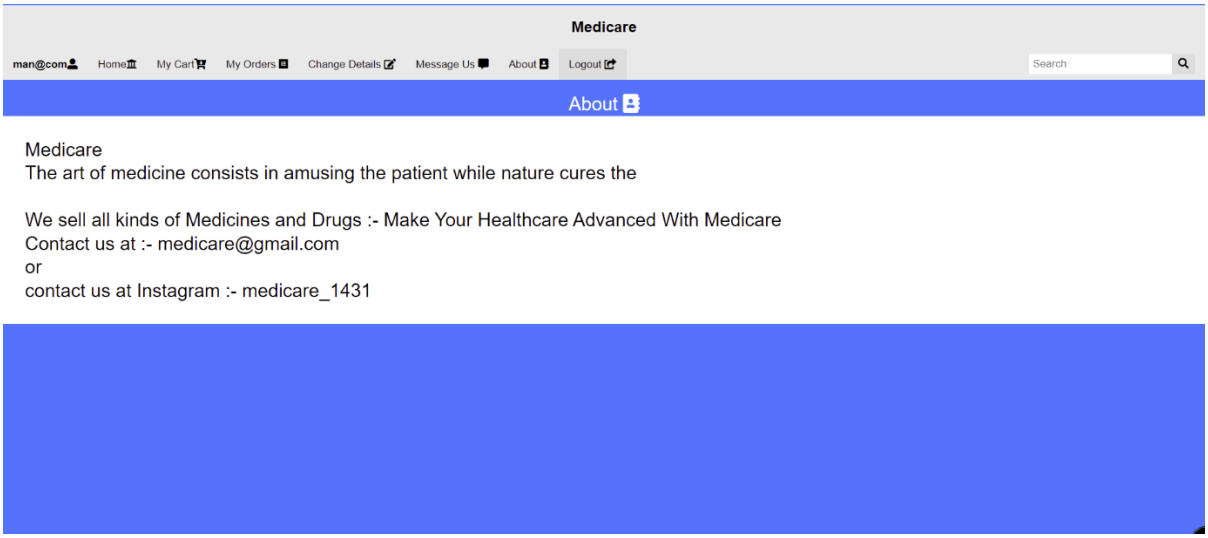

Medicare
man@com
Home
My Cart
My Orders
Change Details
Message Us
About
Logout
Search
My Cart
TOTAL: ₹1200
PROCEED TO ORDER
S.NO
PRODUCT NAME
CATEGORY
₹ PRICE
QUANTITY
SUB TOTAL
REMOVE
1 medicine1 medicine ₹250 3 ₹ 750 Remove
2 medicine2 medicine ₹150 3 ₹ 450 Remove


Change Details
Back
Your Profile(man@com)
Change Password
Add or change Address
Change Security Question
Change Mobile Number
Name:Manish Machha
Email:man@com
Mobile Number: 1234567890
Security Question:What is the name of your first pet ?


Back
Your Profile(man@com)
Change Password
Add or change Address
Change Security Question
Change Mobile Number
Enter Old Password
Enter old password
Enter New Password
Enter new password
Enter Confirm Password
confirm new password
Save


Change Details
Back
Your Profile(man@com)
Change Password
Add or change Address
Change Security Question
Change Mobile Number
Enter Address
kothapet
Enter city
hyderabad
Enter State
telangana
Enter country
India
Save


Medicare
man@com
Home
My Cart
My Orders
Change Details
Message Us
About
Logout
Search
Message Us
subject
Enter Your Message
Send


Medicare
man@com
Home
My Cart
My Orders
Change Details
Message Us
About
Logout
Search
About
Medicare
The art of medicine consists in amusing the patient while nature cures the
We sell all kinds of Medicines and Drugs :- Make Your Healthcare Advanced With Medicare
Contact us at :- medicare@gmail.com
or
contact us at Instagram :- medicare_1431

BACK
TOTAL: 1200
S.NO
PRODUCT NAME
CATEGORY
PRICE
QUANTITY
SUB TOTAL
1
medicine1
medicine
250
3
750
2
medicine2
medicine
150
3
450
Enter Address
kothapet
Enter city
hyderabad
Enter State
telangana
Enter country
India
*If there is no address its mean that you did not set you address!
*This address will also updated to your profile
Select way of Payment
Cash on delivery(COD)
Pay online on this PhonePe/4563er@pay.com
Transaction ID
*If you select online Payment then enter you transaction ID here otherwise leave this blank
Mobile Number
1234567890
*This mobile number will also updated to your profile
*If you enter wrong transaction id then your order will we can cancel!
Proceed to place order
*Fill form correctly

Name: Manish Machha | Mobile Number: 1234567890 | Email: man@com

Order Date: 2022-05-23 13:47:52 | Expected Delivery: 2022-05-30 13:47:52 | Payment Method: Cash on delivery (COD)

Transaction Id: gbfsdrbdr | Address: kothapet | City: hyderabad

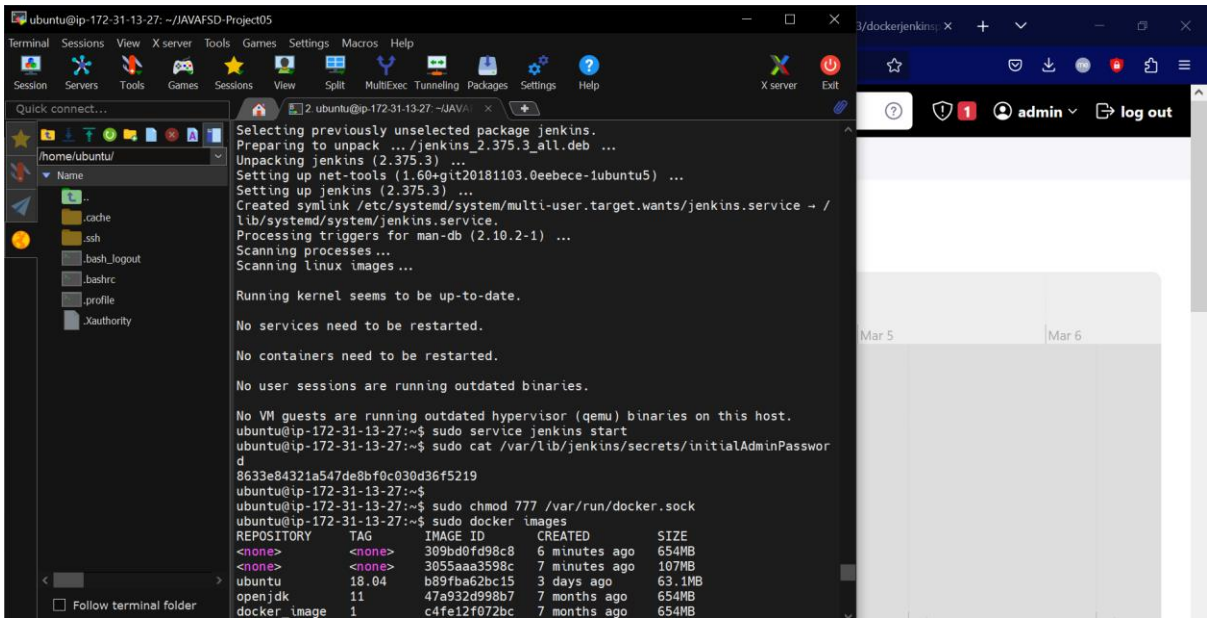
State: telangana | Country: India

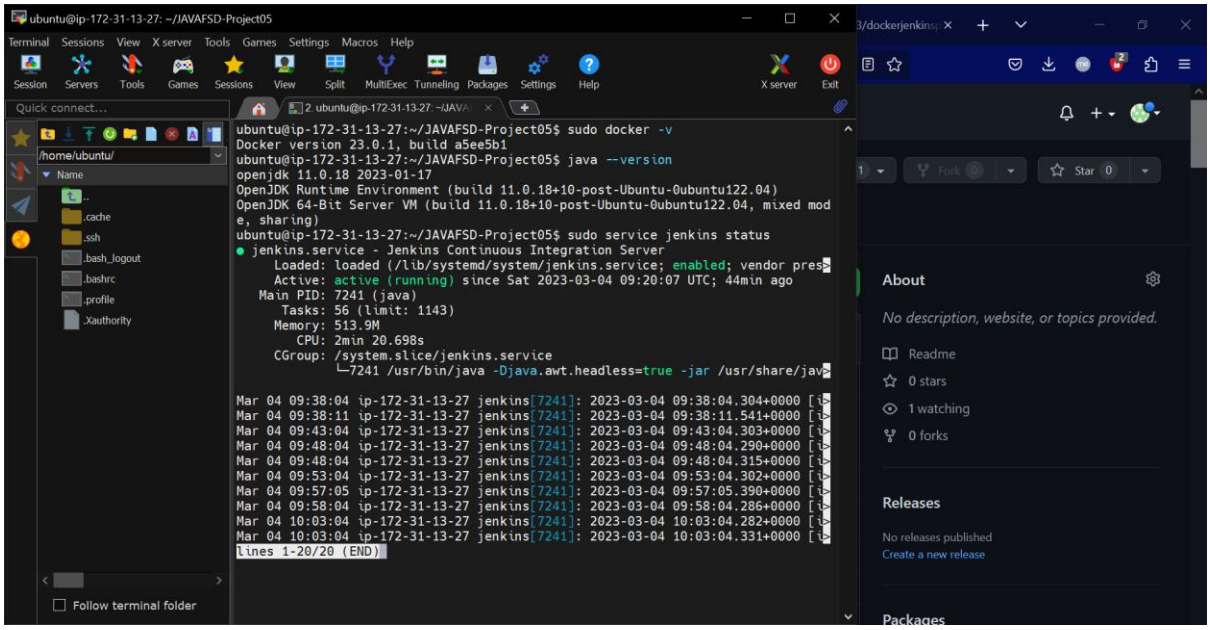
Product Details

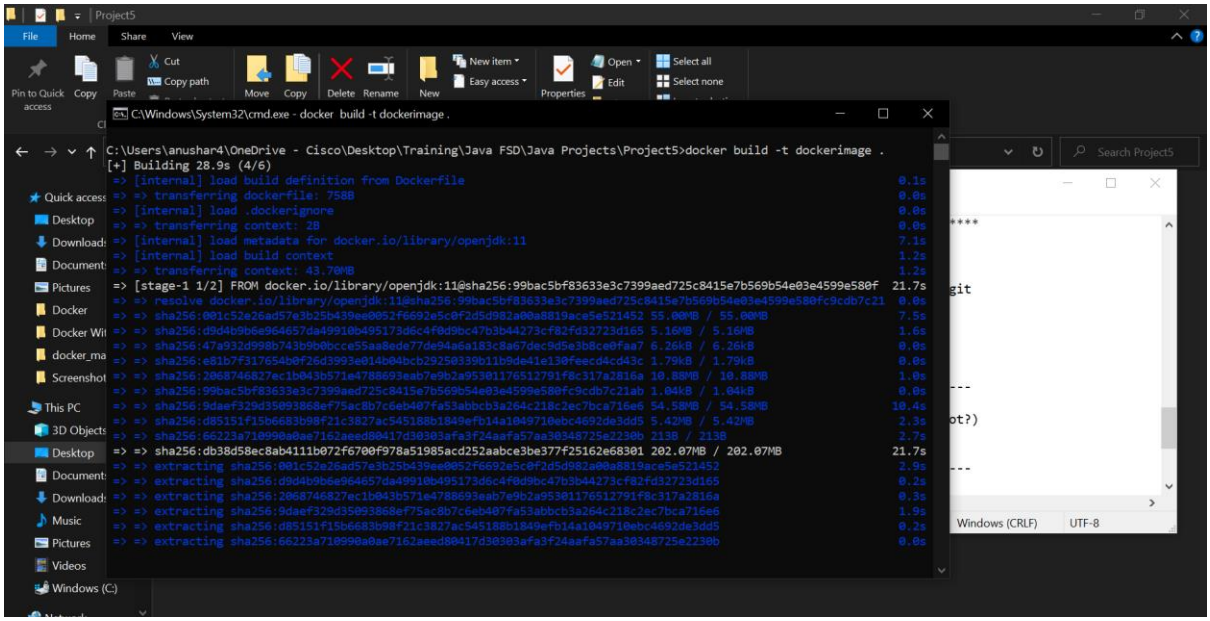
S.No	Product Name	category	Price	Quantity	Sub Total
1	medicine1	medicine	250	3	750
2	medicine2	medicine	150	3	450

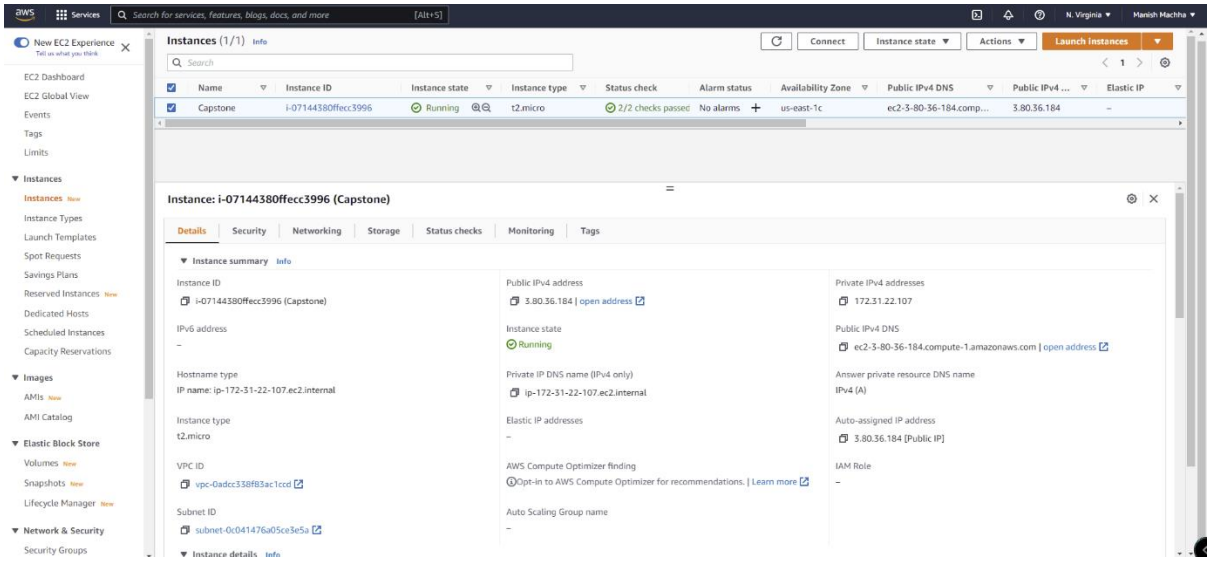
Total: 1200

Continue Shopping | Print




ubuntu@ip-172-31-13-27: ~/JAVAFSD-Project05
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help X server Exit
Quick connect...
/home/ubuntu/
Name
.cache
.ssh
.bash_logout
.bashrc
.profile
.Xauthority
Follow terminal folder
ubuntu@ip-172-31-13-27:~/JAVAFSD-Project05$ sudo docker -v
Docker version 23.0.1, build a5ee5b1
ubuntu@ip-172-31-13-27:~/JAVAFSD-Project05$ java --version
openjdk 11.0.18 2023-01-17
OpenJDK Runtime Environment (build 11.0.18+10-post-Ubuntu-0ubuntu122.04)
OpenJDK 64-Bit Server VM (build 11.0.18+10-post-Ubuntu-0ubuntu122.04, mixed mode, sharing)
ubuntu@ip-172-31-13-27:~/JAVAFSD-Project05$ sudo service jenkins status
● jenkins.service - Jenkins Continuous Integration Server
Loaded: loaded (/lib/systemd/system/jenkins.service; enabled; vendor pres
Active: active (running) since Sat 2023-03-04 09:20:07 UTC; 44min ago
Main PID: 7241 (java)
Tasks: 56 (limit: 1143)
Memory: 513.9M
CPU: 2min 20.698s
CGroup: /system.slice/jenkins.service
└─7241 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/jav
Mar 04 09:38:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:38:04.304+0000 [i
Mar 04 09:38:11 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:38:11.541+0000 [i
Mar 04 09:43:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:43:04.303+0000 [i
Mar 04 09:48:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:48:04.290+0000 [i
Mar 04 09:48:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:48:04.315+0000 [i
Mar 04 09:53:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:53:04.302+0000 [i
Mar 04 09:57:05 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:57:05.390+0000 [i
Mar 04 09:58:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 09:58:04.286+0000 [i
Mar 04 10:03:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 10:03:04.282+0000 [i
Mar 04 10:03:04 ip-172-31-13-27 jenkins[7241]: 2023-03-04 10:03:04.331+0000 [i
lines 1-20/20 (END)
Fork 0
Star 0
About
No description, website, or topics provided.
Readme
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Packages


Project5
File Home Share View
Pin to Quick access Copy Paste Cut Copy path Move Copy Delete Rename New New item Easy access Properties Open Edit Select all Select none
C:\Windows\System32\cmd.exe - docker build -t dockerimage .
C:\Users\anushar4\OneDrive - Cisco\Desktop\Training\Java FSD\Java Projects\Project5>docker build -t dockerimage .
[+] Building 28.9s (4/6)
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 758B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/openjdk:11 7.1s
=> [internal] load build context 1.2s
=> => transferring context: 43.70MB 1.2s
=> [stage-1 1/2] FROM docker.io/library/openjdk:11@sha256:99bac5bf83633e3c7399aed725c8415e7b569b54e03e4599e580f 21.7s
=> => resolve docker.io/library/openjdk:11@sha256:99bac5bf83633e3c7399aed725c8415e7b569b54e03e4599e580fc9cdb7c21 0.0s
=> => sha256:001c52e26ad57e3b25b439ee0052f6692e5c0f2d5d982a00a8819ace5e521452 55.00MB / 55.00MB 7.5s
=> => sha256:d9d4b9b6e964657da49910b495173d6c4f0d9bc47b3b44273cf82fd32723d165 5.16MB / 5.16MB 1.6s
=> => sha256:47a932d998b743b9b0bcce55aa8ede77de94a6a183c8a67dec9d5e3b8ce0faa7 6.26kB / 6.26kB 0.0s
=> => sha256:e81b7f317654b0f26d3993e014b04bcb29250339b11b9de41e130feecd4cd43c 1.79kB / 1.79kB 0.0s
=> => sha256:2068746827ec1b043b571e4788693eab7e9b2a953011765127 91f8c317a2816a 10.88MB / 10.88MB 1.0s
=> => sha256:99bac5bf83633e3c7399aed725c8415e7b569b54e03e4599e580fc9cdb7c21ab 1.04kB / 1.04kB 0.0s
=> => sha256:9daef329d35093868ef75ac8b7c6eb407fa53abbcb3a264c218c2ec7bca716e6 54.58MB / 54.58MB 10.4s
=> => sha256:d85151f15b6683b98f21c3827ac545188b1849efb14a1049710ebc4692de3dd5 5.42MB / 5.42MB 2.3s
=> => sha256:66223a710990a0ae7162aeed80417d30303afa3f24aafa57aa3048725e2230b 213B / 213B 2.7s
=> => sha256:db38d58ec8ab4111b072f6700f978a51985acd252aabce3be377f25162e68301 202.07MB / 202.07MB 21.7s
=> => extracting sha256:001c52e26ad57e3b25b439ee0052f6692e5c0f2d5d982a00a8819ace5e521452 2.9s
=> => extracting sha256:d9d4b9b6e964657da49910b495173d6c4f0d9bc47b3b44273cf82fd32723d165 0.2s
=> => extracting sha256:2068746827ec1b043b571e4788693eab7e9b2a953011765127 91f8c317a2816a 0.3s
=> => extracting sha256:9daef329d35093868ef75ac8b7c6eb407fa53abbcb3a264c218c2ec7bca716e6 1.9s
=> => extracting sha256:d85151f15b6683b98f21c3827ac545188b1849efb14a1049710ebc4692de3dd5 0.2s
=> => extracting sha256:66223a710990a0ae7162aeed80417d30303afa3f24aafa57aa3048725e2230b 0.0s
Search Project5
Windows (CRLF) UTF-8
Quick access
Desktop
Downloads
Documents
Pictures
Docker
Docker Wil
docker_ma
Screenshot
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Windows (C:)


Services
Search for services, features, blogs, docs, and more [Alt+S]
N. Virginia
Manish Machha
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
AMI Catalog
Elastic Block Store
Volumes New
Snapshots New
Lifecycle Manager New
Network & Security
Security Groups
Instances (1/1) Info
Search
Connect
Instance state
Actions
Launch instances
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Public IPv4 ...
Elastic IP
Capstone
i-07144380ffecc3996
Running
t2.micro
2/2 checks passed
No alarms
us-east-1c
ec2-3-80-36-184.comp...
3.80.36.184
Instance: i-07144380ffecc3996 (Capstone)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-07144380ffecc3996 (Capstone)
Public IPv4 address
3.80.36.184 | open address
Private IPv4 addresses
172.31.22.107
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-3-80-36-184.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-22-107.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-22-107.ec2.internal
Answer private resource DNS name
IPv4 (A)
Instance type
t2.micro
Elastic IP addresses
–
Auto-assigned IP address
3.80.36.184 [Public IP]
VPC ID
vpc-0adcc338ff83ac1ccd
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations. | Learn more
IAM Role
–
Subnet ID
subnet-0c041476a05ce3e5a
Auto Scaling Group name
–
Instance details Info