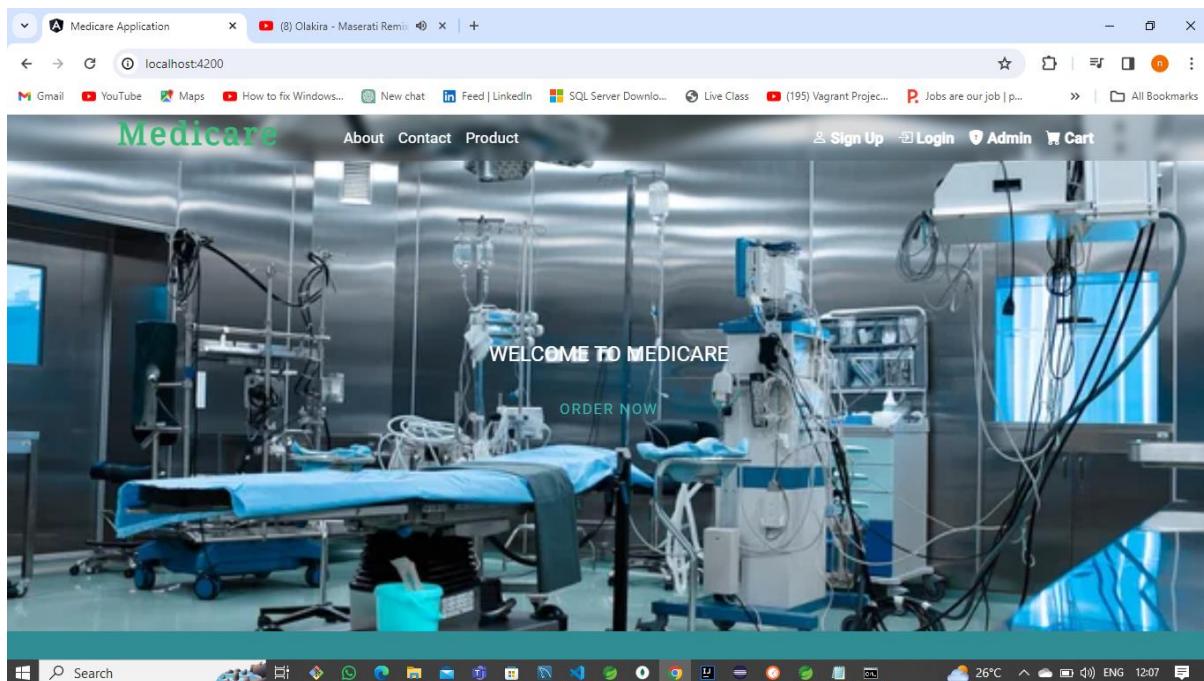
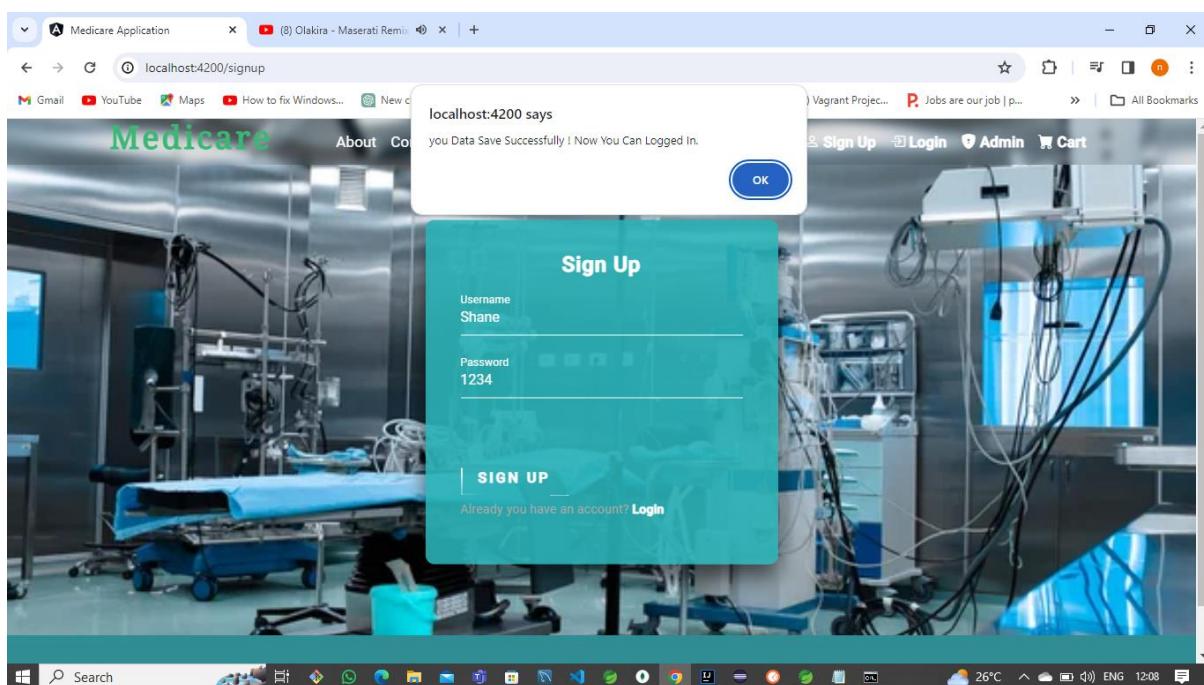


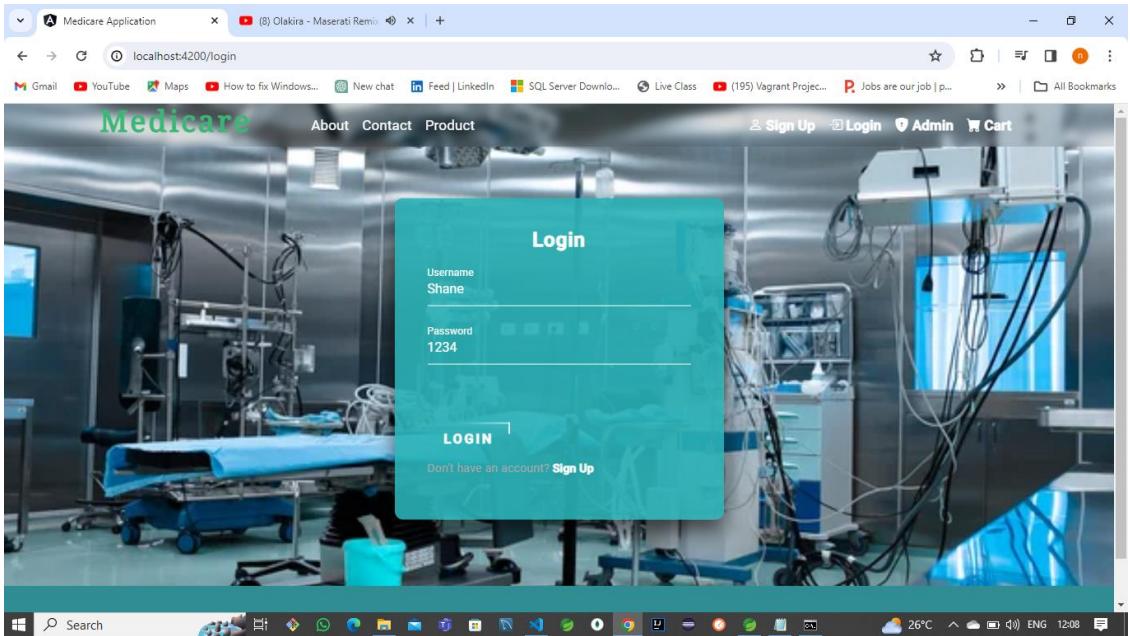
## 1. Medicare Welcome page



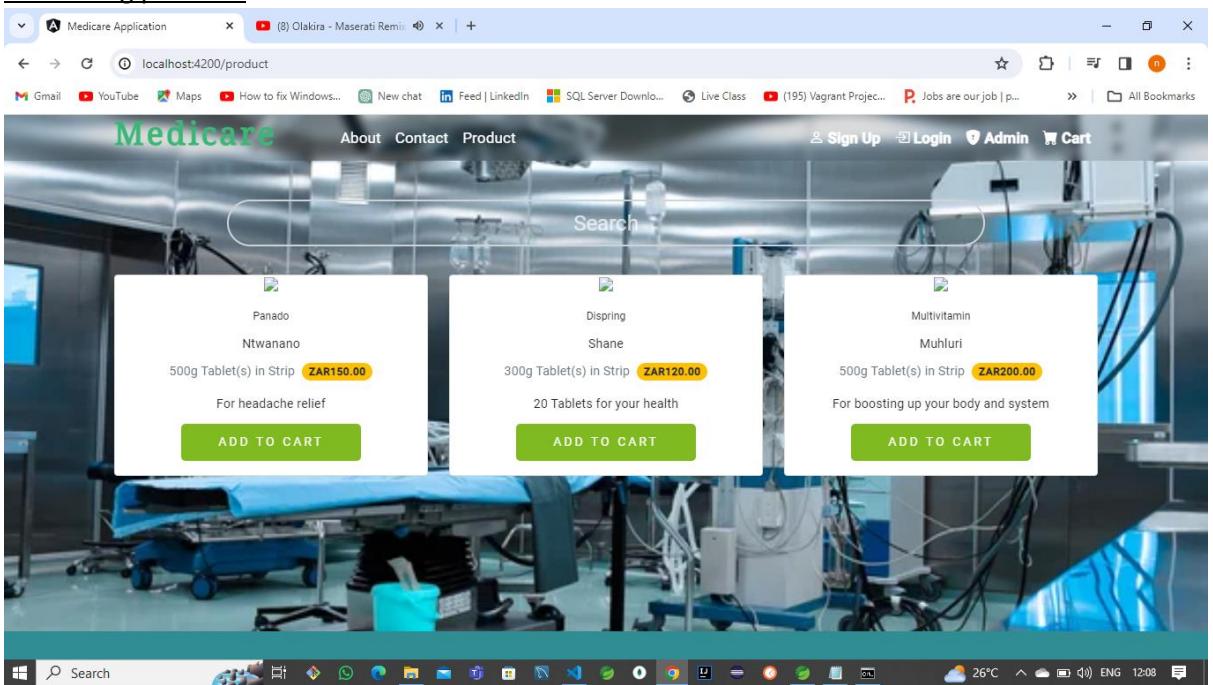
## 2. Register Page

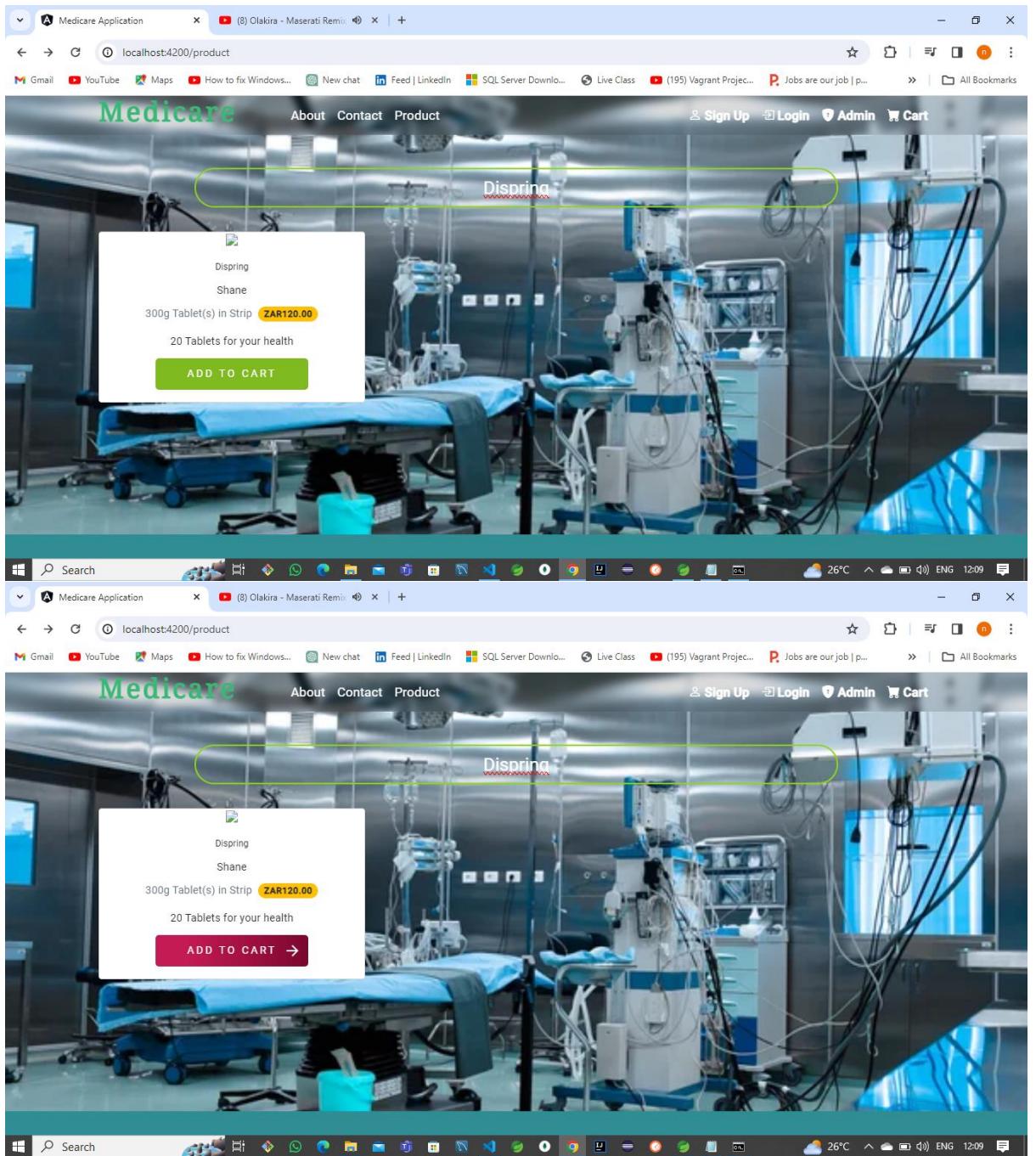


### 3. Login Page

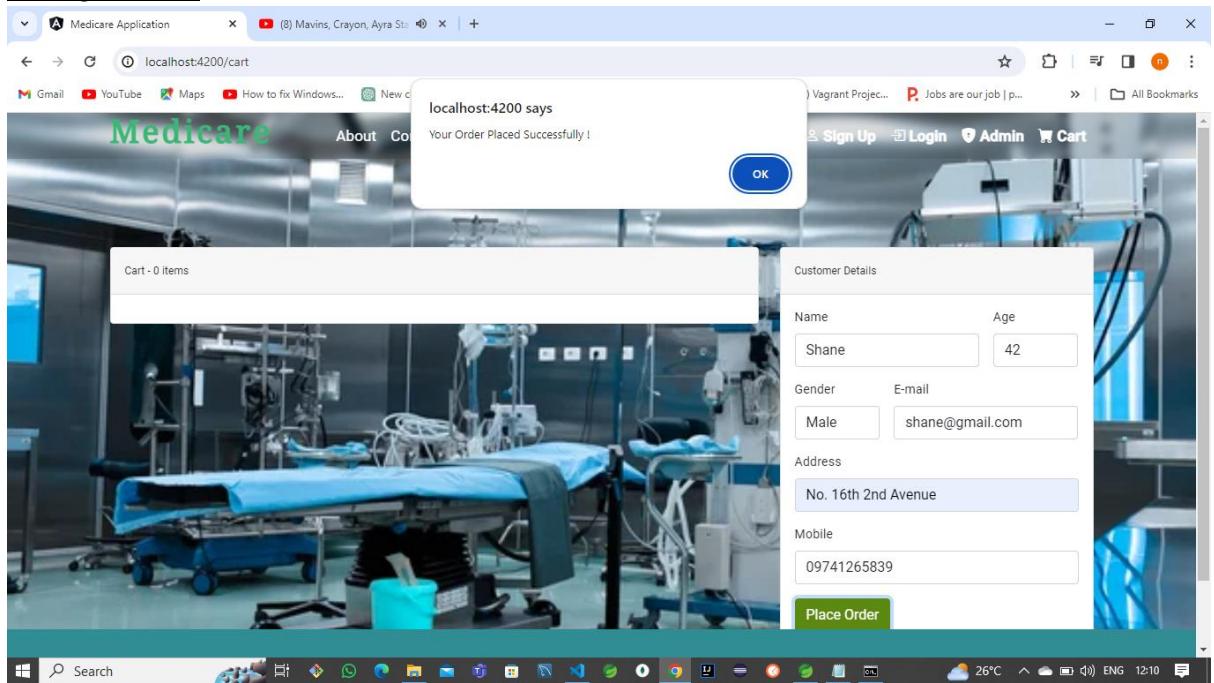


### 4. Purchasing products

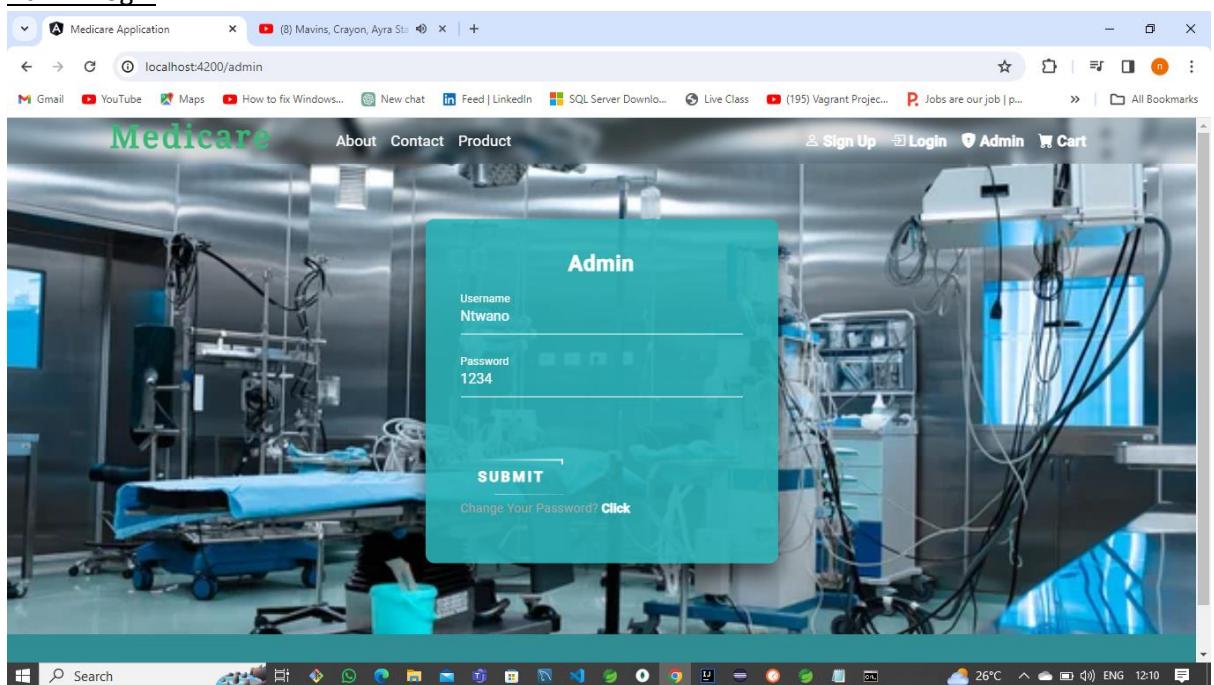




## 5. Placing an order



## 6. Admin Login



## 7. Admin portal

The image displays two screenshots of the Medicare Application Admin portal, showing the Product List and a specific product detail.

**Product List View:**

P. ID	Medicine Name	Seller	Price	Description	Image URL	Qty Desc	Active	Date/Time	Operations
1	Panado	Ntwanano	ZAR 150.00	For headache relief	<a href="https://www.panado.za">https://www.panado.za</a>	500g	1	8 Feb 2024, 6:20:36 PM	<button>View</button> <button>Edit</button> <button>Delete</button>
2	Dispring	Shane	ZAR 120.00	20 Tablets for your	<a href="https://dispring.za">https://dispring.za</a>	300g	1	8 Feb 2024, 8:37:17 PM	<button>View</button> <button>Edit</button> <button>Delete</button>
3	Multivitamin	Muhluri	ZAR 200.00	For boosting up you	<a href="https://multivitamin.za">https://multivitamin.za</a>	500g	1	8 Feb 2024, 9:40:40 PM	<button>View</button> <button>Edit</button> <button>Delete</button>

**Product Details View:**

**Product Details : 1**

- Medicine Name:** Panado
- Seller:** Ntwanano
- Price:** ZAR 150.00
- Qty Desc:** 500g
- Active:** 1
- Date/Time:** 8 Feb 2024, 6:20:36 PM
- Image URL:** <https://www.panado.za>
- Description:** For headache relief

Medicare Application

localhost:4200/manage-product

Ntwanano

**Product List**

P. ID	Medicine Name	Seller	Price	Description	Image URL	Qty Desc	Active	Date/Time	Operations
1	Panado	Ntwanano	ZAR 150.00	For headache relief	https://www.panado.za	500g	1	8 Feb 2024, 6:20:36 PM	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
2	Dispring	Shane	ZAR 120.00	20 Tablets for your	https://dispring.za	300g	1	8 Feb 2024, 8:37:17 PM	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>
3	Multivitamin	Muhluri	ZAR 200.00	For boosting up you	https://multivitamin	500g	1	8 Feb 2024, 9:40:40 PM	<a href="#">View</a> <a href="#">Edit</a> <a href="#">Delete</a>

PRODUCT LIST

ADD PRODUCT

ORDER LIST

CHANGE PASSWORD

Search

Medicare Application

localhost:4200/manage-product/edit-product/1

Ntwanano

**Update My Product : 1**

Medicine Name: Panado

Seller: Ntwanano

Image URL: https://www.panado.za

Medicine Qty (in a Strip): 500g

Price: 150

Description: For headache relief

Update

The image displays two screenshots of a web application titled "Medicare".

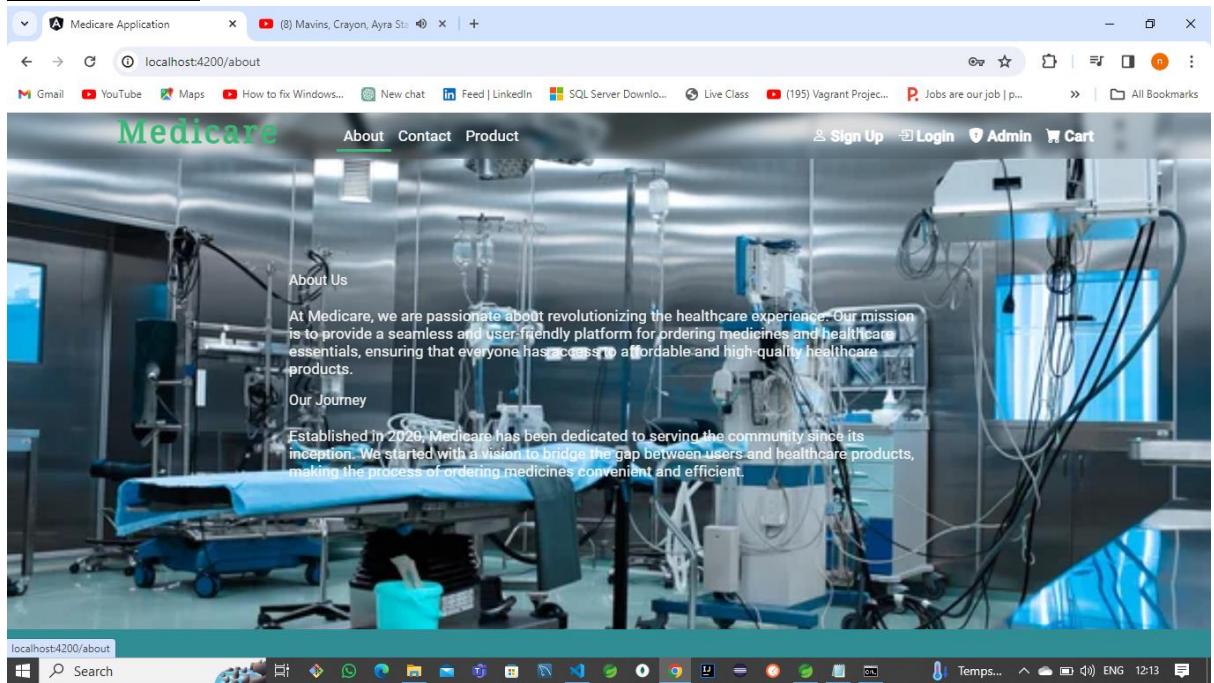
**Screenshot 1: Add Product Form**

The top screenshot shows the "Add Product" form. It includes fields for "Medicine Name" (containing "medicine name"), "Seller/Brand name" (containing "Seller"), "Image URL" (containing "medicine image url"), "Medicine Qty (in a Strip)" (containing "medicine Quantity in a strip"), "Price" (containing "medicine price"), and "Description" (containing "description of medicine"). A "Submit" button is at the bottom. On the left sidebar, there are green buttons for "PRODUCT LIST", "ADD PRODUCT", "ORDER LIST", and "CHANGE PASSWORD". The background is a photograph of a medical operating room.

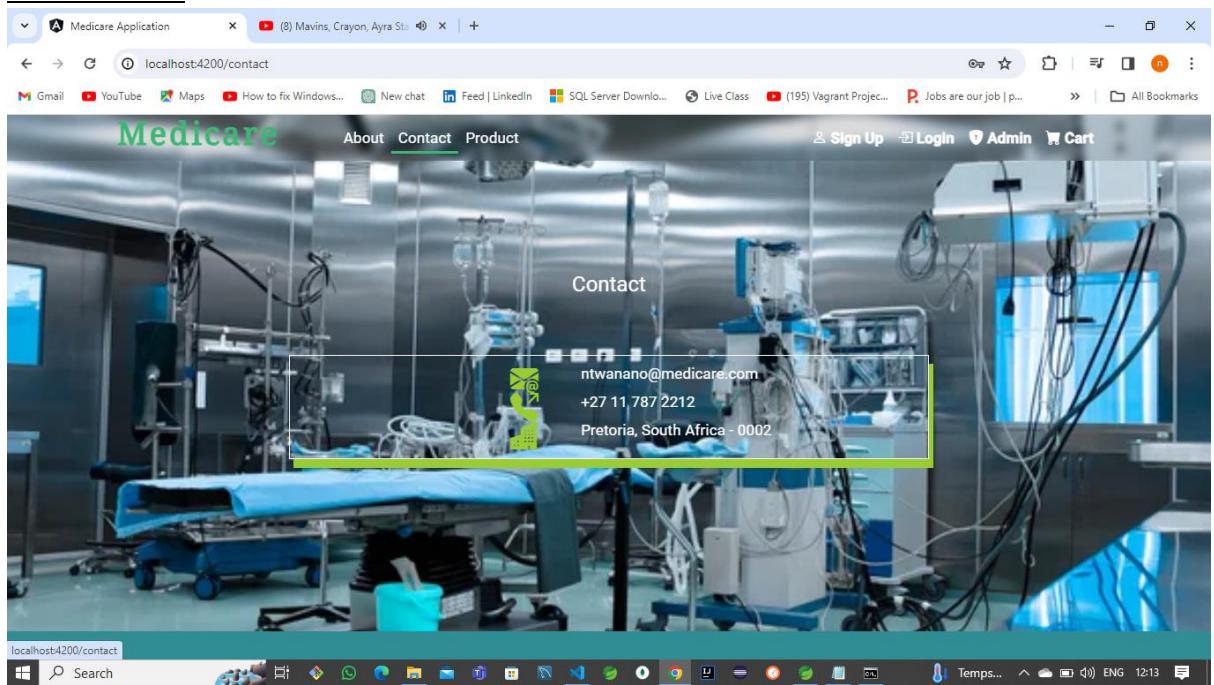
**Screenshot 2: Change Admin Password Dialog**

The bottom screenshot shows a modal dialog titled "Change Admin Password". It contains two input fields: "Enter Old Password" with the value "1234" and "Set New Password" with the value "\*\*\*\*\*". A "SEND" button is at the bottom right of the dialog. The background is the same medical operating room photograph as the first screenshot.

## 8. About Medicare



## 9. Contact details

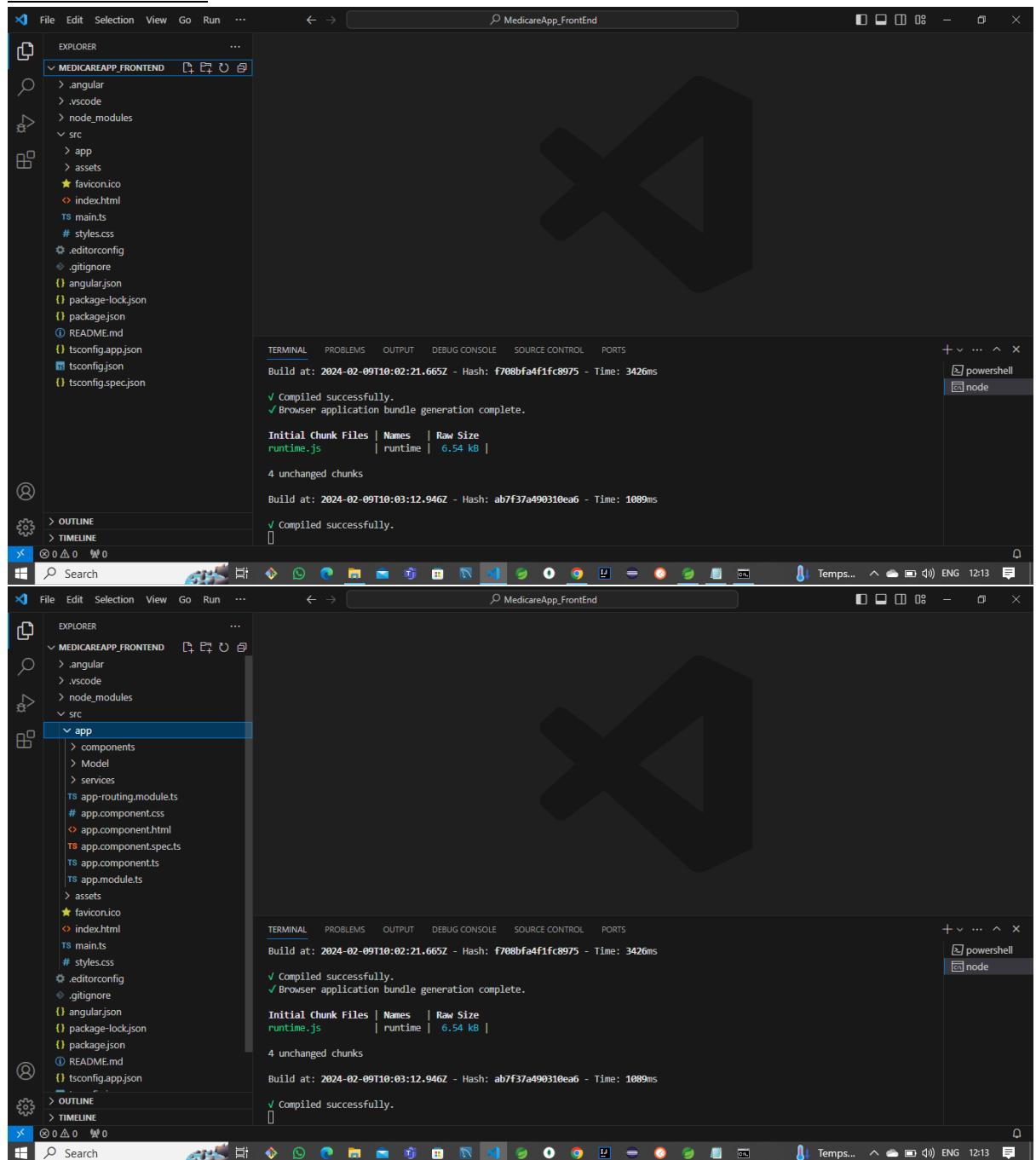


## 10. Available products

The screenshot shows a web browser window for the "Medicare Application" at [localhost:4200/product](http://localhost:4200/product). The page has a dark header with the "Medicare" logo, navigation links for About, Contact, Product (which is underlined), Sign Up, Login, Admin, and Cart. A search bar is present. The main content area displays three product cards against a background of a medical operating room. Each card includes a small image, the product name, a brief description, the price in orange, and a green "ADD TO CART" button.

Product	Description	Price	Action
Panado	For headache relief	ZAR150.00	ADD TO CART
Dispring	20 Tablets for your health	ZAR120.00	ADD TO CART
Multivitamin	For boosting up your body and system	ZAR200.00	ADD TO CART

## 11. Front-End Structure



The screenshot shows two instances of the Visual Studio Code (VS Code) interface side-by-side, illustrating the front-end structure of a project named "MEDICAREAPP\_FRONTEND".

**Left Instance:** The Explorer sidebar shows the project structure under "MEDICAREAPP\_FRONTEND". The "src" folder contains "app", "assets", "favicon.ico", "index.html", "main.ts", "styles.css", ".editorconfig", ".gitignore", "angular.json", "package-lock.json", "package.json", "README.md", "tsconfig.app.json", "tsconfig.json", and "tsconfig.spec.json". The Terminal tab shows the build process:

```
Build at: 2024-02-09T10:02:21.665Z - Hash: f708bfa4f1fc8975 - Time: 3426ms
✓ Compiled successfully.
✓ Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size
runtime.js          | runtime | 6.54 kB |

4 unchanged chunks

Build at: 2024-02-09T10:03:12.946Z - Hash: ab7f37a490310ea6 - Time: 1089ms
✓ Compiled successfully.
```

**Right Instance:** The Explorer sidebar shows the project structure under "MEDICAREAPP\_FRONTEND". The "src" folder contains "app", which is expanded to show "components", "Model", "services", "app-routing.module.ts", "app.component.css", "app.component.html", "app.component.spec.ts", "app.module.ts", "assets", "favicon.ico", "index.html", "main.ts", "styles.css", ".editorconfig", ".gitignore", "angular.json", "package-lock.json", "package.json", "README.md", "tsconfig.app.json", "tsconfig.json", and "tsconfig.spec.json". The Terminal tab shows the build process:

```
Build at: 2024-02-09T10:02:21.665Z - Hash: f708bfa4f1fc8975 - Time: 3426ms
✓ Compiled successfully.
✓ Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size
runtime.js          | runtime | 6.54 kB |

4 unchanged chunks

Build at: 2024-02-09T10:03:12.946Z - Hash: ab7f37a490310ea6 - Time: 1089ms
✓ Compiled successfully.
```

## 12. Back-End Structure

workspace-spring-tool-suite-4-4.20.1.RELEASE - Spring Tool Suite 4

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X MedicareApp [boot] [devtools]  
MedicareApp\_Backend [boot] [devtools]  
src/main/java  
com.medicare.api  
com.medicare.api.controller  
com.medicare.api.entity  
com.medicare.api.repository  
com.medicare.api.service  
src/main/resources  
application.properties  
src/test/java  
JRE System Library [JavaSE-17]  
Maven Dependencies  
src  
target  
mvnw  
mvnw.cmd  
pom.xml  
SponyShoes\_Application [boot] [devtools]  
SponyShoes\_Application2 [boot] [devtools]  
STSProjects

Boot Dashboard X  
Find Actions Ctrl+3  
Show Key Assist Ctrl+Shift+L  
New Ctrl+N

Open a file or drop files here to open them.

Problems @ Javadoc Declaration Console X  
Medicare\_api - MedicareApplication [Spring Boot App] [pid: 9024]  
10:39:56.351 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Created RestartClassLoader org.sp

3 elements hidden by filter  
MedicareApp\_Backend

Windows Search MedicareApp\_Backend

Problems @ Javadoc Declaration Console X  
Medicare\_api - MedicareApplication [Spring Boot App] [pid: 9024]  
10:39:56.351 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Created RestartClassLoader org.springframework.boot.devtools.restart.classloader.Restar

```

::: Spring Boot :::
(v2.7.8)

2024-02-09 10:39:58.167 INFO 9024 --- [ restartedMain] com.medicare.api.MedicareApplication      : Starting MedicareApplication using Java 17.0.8.1 on DESKTOP-CPTGW8R with PID 9024 (C:\Users\...
2024-02-09 10:39:58.249 INFO 9024 --- [ restartedMain] com.medicare.api.MedicareApplication      : No active profile set, falling back to 1 default profile: "default"
2024-02-09 10:39:58.468 INFO 9024 --- [ restartedMain] .DevToolsPropertyDefaultsPostProcessor   : Devtools property defaults active! Set 'spring.devtools.add-properties' to 'false' to disable
2024-02-09 10:39:58.469 INFO 9024 --- [ restartedMain] .DevToolsPropertyDefaultsPostProcessor   : For additional web related logging consider setting the 'logging.level.web' property to 'DEBUG'
2024-02-09 10:40:02.769 INFO 9024 --- [ restartedMain] .s.d.r.c.RepositoryConfigurationDelegate  : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2024-02-09 10:40:03.091 INFO 9024 --- [ restartedMain] .s.d.r.c.RepositoryConfigurationDelegate  : Finished Spring Data repository scanning in 235 ms. Found 6 JPA repository interfaces.
2024-02-09 10:40:08.290 INFO 9024 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2024-02-09 10:40:08.604 INFO 9024 --- [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2024-02-09 10:40:08.606 INFO 9024 --- [ restartedMain] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.7]
2024-02-09 10:40:09.789 INFO 9024 --- [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[] : Initializing Spring embedded WebApplicationContext
2024-02-09 10:40:09.789 INFO 9024 --- [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 11318 ms
2024-02-09 10:40:11.441 INFO 9024 --- [ restartedMain] o.h.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2024-02-09 10:40:12.411 INFO 9024 --- [ restartedMain] o.h.hibernate.Version : HHH000412: Hibernate ORM core version 5.6.14.Final
2024-02-09 10:40:13.464 INFO 9024 --- [ restartedMain] o.h.hibernate.annotations.common.Version : HHH000400: Hibernate Commons Annotations (5.1.2.Final)
2024-02-09 10:40:20.711 INFO 9024 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : HikariPool-1 - Start completed.
2024-02-09 10:40:25.153 INFO 9024 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HHH000400: Using dialect: org.hibernate.dialect.MySQLDialect
2024-02-09 10:40:25.714 INFO 9024 --- [ restartedMain] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQLDialect
2024-02-09 10:40:43.648 INFO 9024 --- [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000409: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.spring.JtaPlatform]
2024-02-09 10:40:45.549 INFO 9024 --- [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2024-02-09 10:40:57.864 WARN 9024 --- [ restartedMain] jpaBaseConfiguration$JpaWebFactoryBean : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed
2024-02-09 10:40:59.513 INFO 9024 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
2024-02-09 10:41:01.158 INFO 9024 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
2024-02-09 10:41:01.291 INFO 9024 --- [ restartedMain] com.medicare.api.MedicareApplication : Started MedicareApplication in 64.87 seconds (JVM running for 70.566)
2024-02-09 10:55:32.225 INFO 9024 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2024-02-09 10:55:32.252 INFO 9024 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2024-02-09 10:55:32.273 INFO 9024 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 20 ms
2024-02-09 10:55:49.578 DEBUG 9024 --- [nio-8080-exec-1] org.hibernate.SQL
select
    productlist0_.product_list_id as product_1_6,
    productlist0_.creation_date_time as creation2_6,
    productlist0_.active as active3_6,
    productlist0_.description as descrip4_6,
    productlist0_.imgurl as imgur5_6,
    productlist0_.modified_name as modified6

```

```

Problems @ Javadoc Declaration Console X
Medicare_api - MedicareApplication [Spring Boot App] [pid: 9024]
2024-02-09 10:55:32.273 INFO 9024 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet      : Completed initialization in 20 ms
2024-02-09 10:55:40.978 DEBUG 9024 --- [nio-8080-exec-1] org.hibernate.SQL               :
select
    productlis0_.product_list_id as product_1_6_,
    productlis0_.creation_date_time as creation2_6_,
    productlis0_.active as active3_6_,
    productlis0_.description as descript4_6_,
    productlis0_.imgurl as imgurl5_6_,
    productlis0_.medicine_name as medicine6_6_,
    productlis0_.price as price7_6_,
    productlis0_.qty_desc as qty_desc8_6_,
    productlis0_.seller as seller9_6_
from
    product_list productlis0_
Hibernate:
select
    productlis0_.product_list_id as product_1_6_,
    productlis0_.creation_date_time as creation2_6_,
    productlis0_.active as active3_6_,
    productlis0_.description as descript4_6_,
    productlis0_.imgurl as imgurl5_6_,
    productlis0_.medicine_name as medicine6_6_,
    productlis0_.price as price7_6_,
    productlis0_.qty_desc as qty_desc8_6_,
    productlis0_.seller as seller9_6_
from
    product_list productlis0_
2024-02-09 10:55:40.914 DEBUG 9024 --- [nio-8080-exec-2] org.hibernate.SQL               :
select
    customercr0_.customer_id as customer1_4_,
    customercr0_.password as password2_4_,
    customercr0_.username as username3_4_
from
    customer_credential customercr0_
Hibernate:
select
    customercr0_.customer_id as customer1_4_,
    customercr0_.password as password2_4_,
    customercr0_.username as username3_4_
from
    customer_credential customercr0_
2024-02-09 10:55:58.063 DEBUG 9024 --- [nio-8080-exec-3] org.hibernate.SQL               :
select
    productlis0_.product_list_id as product_1_6_
from
    product_list productlis0_
<!-- productlis0_.product_list_id as product_1_6 -->
2024-02-09 12:13:11.170 DEBUG 9024 --- [nio-8080-exec-10] org.hibernate.SQL               :
select
    cart0_.medicine_name as medicine4_1_,
    cart0_.price as price5_1_,
    cart0_.quantity as quantity6_1_,
    cart0_.seller as seller7_1_
from
    cart cart0_
Hibernate:
select
    cart0_.cart_id as cart_id1_1_,
    cart0_.description as descript2_1_,
    cart0_.imgurl as imgurl3_1_,
    cart0_.medicine_name as medicine4_1_,
    cart0_.price as price5_1_,
    cart0_.quantity as quantity6_1_,
    cart0_.seller as seller7_1_
from
    cart cart0_
2024-02-09 12:13:11.170 DEBUG 9024 --- [nio-8080-exec-10] org.hibernate.SQL               :
select
    productlis0_.product_list_id as product_1_6_,
    productlis0_.creation_date_time as creation2_6_,
    productlis0_.active as active3_6_,
    productlis0_.description as descript4_6_,
    productlis0_.imgurl as imgurl5_6_,
    productlis0_.medicine_name as medicine6_6_,
    productlis0_.price as price7_6_,
    productlis0_.qty_desc as qty_desc8_6_,
    productlis0_.seller as seller9_6_
from
    product_list productlis0_
Hibernate:
select
    productlis0_.product_list_id as product_1_6_,
    productlis0_.creation_date_time as creation2_6_,
    productlis0_.active as active3_6_,
    productlis0_.description as descript4_6_,
    productlis0_.imgurl as imgurl5_6_,
    productlis0_.medicine_name as medicine6_6_,
    productlis0_.price as price7_6_,
    productlis0_.qty_desc as qty_desc8_6_,
    productlis0_.seller as seller9_6_
from
    product_list productlis0_

```

### 13. Adding Jenkins Job

The screenshot shows the Jenkins dashboard with the following elements:

- Welcome to Jenkins!**: The main heading with a sub-section titled "Start building your software project".
- Create a job**: A button to start creating a new Jenkins job.
- Set up a distributed build**: Options for "Set up an agent" and "Configure a cloud".
- Build Queue**: A section indicating "No builds in the queue."
- Build Executor Status**: Shows 1 Idle and 2 Idle executors.
- New Item [Jenkins]**: A modal dialog for creating a new item, with the input field containing "MedicareApplication".
- Freestyle project**: Description of the central feature of Jenkins, combining any SCM with any build system.
- Pipeline**: Description of orchestrating long-running activities across multiple agents.
- Multi-configuration project**: Description of projects requiring many configurations, such as testing in multiple environments.

The screenshot shows the Jenkins General configuration page for the 'MedicareApplication' job. The 'General' tab is selected. The 'Enabled' switch is turned on. The 'Description' field contains the text 'CI / CD'. Under the 'GitHub project' section, the 'Project url' field is set to 'https://github.com/Ntwan014/FullStack\_Application'. There are three checkboxes at the bottom: 'Discard old builds', 'GitHub project' (which is checked), and 'This project is parameterized'. Below the configuration area are 'Save' and 'Apply' buttons.

Configure General

Enabled

Description  
CI / CD

Plain text [Preview](#)

Discard old builds [?](#)

GitHub project [?](#)

This project is parameterized [?](#)

[Save](#) [Apply](#)

Search (CTRL+K)

Not secure 51.20.132.254:8080/job/MedicareApplication/configure

Gmail YouTube Maps How to fix Windows... New chat Feed | LinkedIn SQL Server Download Live Class (195) Vagrant Projec... Jobs are our job | p... All Bookmarks

Jenkins

Dashboard > MedicareApplication > Configuration

Search (CTRL+K)

Not secure 51.20.132.254:8080/job/MedicareApplication/configure

Gmail YouTube Maps How to fix Windows... New chat Feed | LinkedIn SQL Server Download Live Class (195) Vagrant Projec... Jobs are our job | p... All Bookmarks

Jenkins

Dashboard > MedicareApplication > Configuration

Configure General

Enabled

Description  
CI / CD

Plain text [Preview](#)

Discard old builds [?](#)

GitHub project [?](#)

Project url [?](#)  
https://github.com/Ntwan014/FullStack\_Application

[Save](#) [Apply](#)

The screenshot shows the Jenkins configuration interface for a job named "MedicareApplication".

**Source Code Management:**

- Repository URL: `https://github.com/Ntwan014/FullStack_Application.git`
- Credentials: - none -
- Advanced options: + Add

**Build Steps:**

- Add build step: Advanced dropdown menu.
- Add post-build action: Advanced dropdown menu.

**Post-build Actions:**

- Add post-build action: Advanced dropdown menu.

**Buttons:**

- Save
- Apply

**System Status:**

- REST API
- Jenkins 2.426.3

```

Progress (2): 311/334 kB | 229/264 kB
Progress (2): 311/334 kB | 246/264 kB
Progress (2): 328/334 kB | 246/264 kB
Progress (2): 328/334 kB | 256/264 kB
Progress (2): 328/334 kB | 264 kB
Progress (2): 334 kB | 264 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.4.1/plexus-utils-3.4.1.jar
(264 kB at 12 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0.1/qdox-2.0.1.jar (334 kB at 13
MB/s)
Progress (1): 16/23 kB
Progress (1): 23 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-compiler-javac/2.11.1/plexus-
compiler/javac-2.11.1.jar (23 kB at 846 kB/s)
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 21 source files to /var/lib/jenkins/workspace/MedicareApplication/target/classes

```

#### 14. Creating RDS database in AWS

**Create database**

**Choose a database creation method**

- Standard create
 

You set all of the configuration options, including ones for availability, security, backups, and maintenance.
- Easy create
 

Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

**Engine options**

**Engine type**

- Aurora (MySQL Compatible)
- Aurora (PostgreSQL Compatible)

**MySQL**

MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.

- Supports database size up to 64 TiB.
- Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
- Supports automated backup and point-in-time recovery.
- Supports up to 15 Read Replicas per instance, within a single Region or 5 read

Screenshot of the AWS RDS console showing the creation of a new database and its connectivity details.

**Top Panel (Database Creation Confirmation):**

- Message: "Successfully created database medicaredb".
- Text: "You can use settings from medicaredb to simplify configuration of suggested database add-ons while we finish creating your DB for you."
- Link: "View connection details".

**Middle Panel (Database List):**

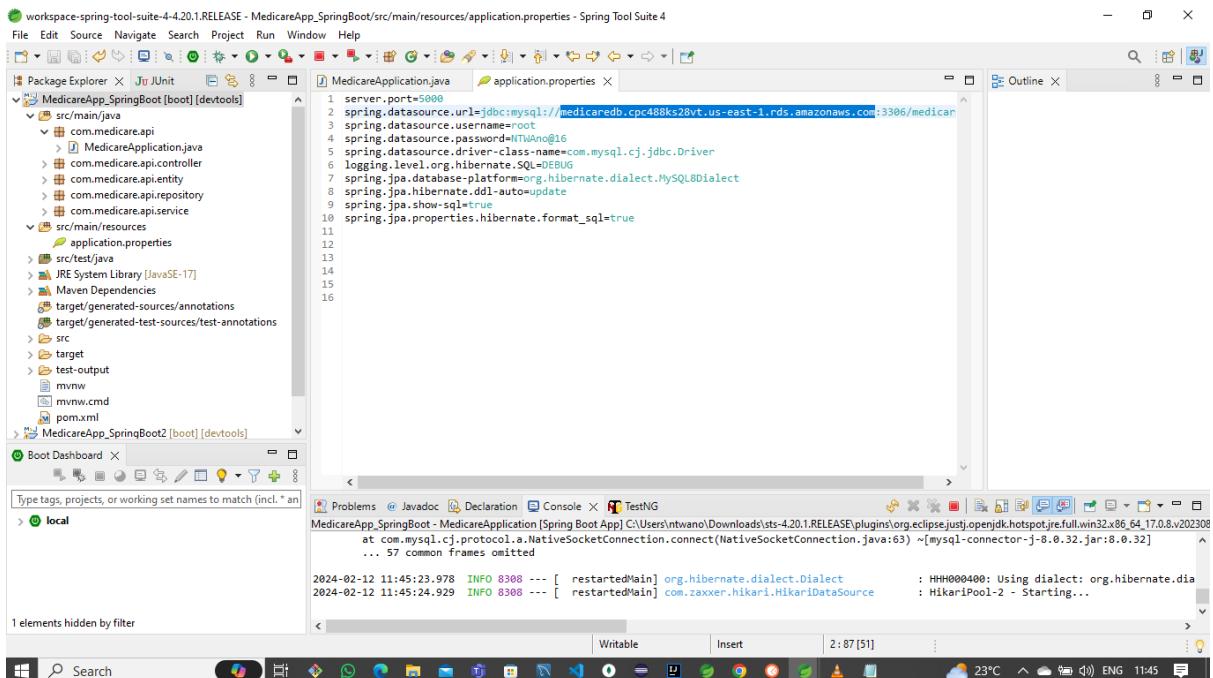
- Section: "Databases (1)"
- Table:

DB identifier	Status	Role	Engine	Region & AZ	Size	Recommendations
medicaredb	Backing-up	Instance	MySQL Community	us-east-1f	db.t3.micro	

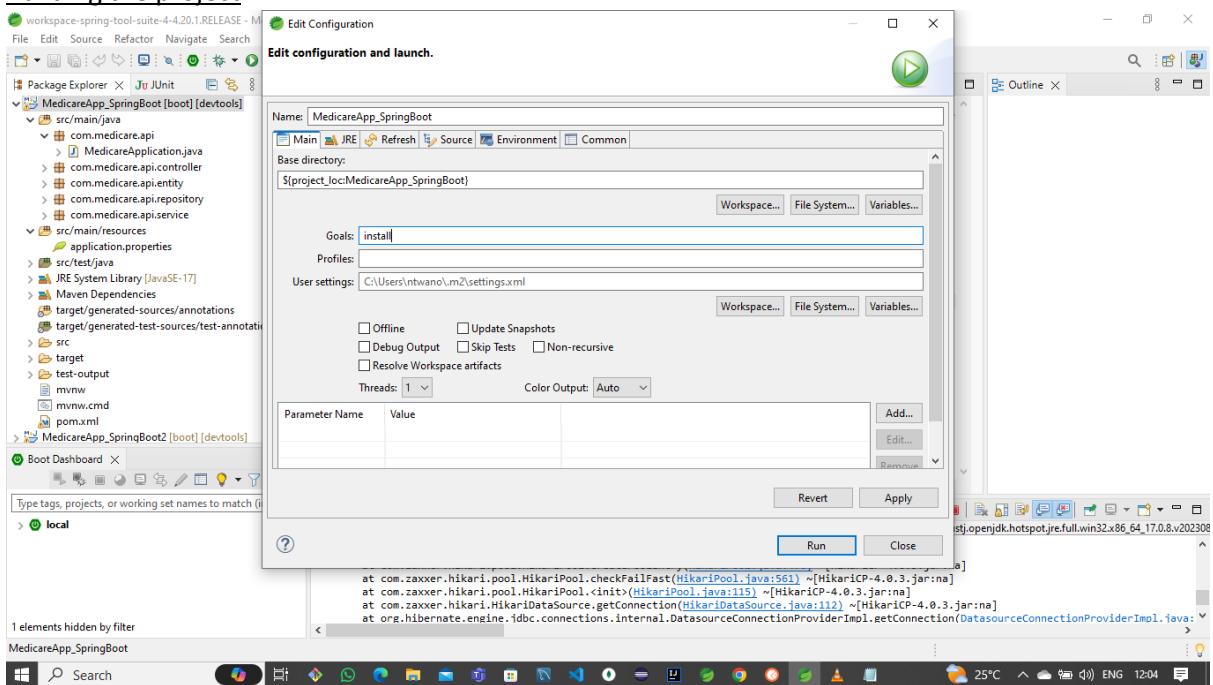
**Bottom Panel (Connectivity & Security):**

- Section: "Connectivity & security"
- Table:

Endpoint & port	Networking	Security
Endpoint medicaredb.cpc488ks28vt.us-east-1.rds.amazonaws.com	Availability Zone us-east-1f	VPC security groups default (sg-01a5d09c95e1327d8)
Port 3306	VPC vpc-0f73e96d599d368ef	Active
	Subnet group default-vpc-0f73e96d599d368ef	Publicly accessible Yes
	Subnets	Certificate authority rds-ca-rsa2048-g1



## 15. Building the project



```

workspace-spring-tool-suite-4-4.20.1.RELEASE - MedicareApp_SpringBoot/src/main/resources/application.properties - Spring Tool Suite 4
File Edit Source Navigate Project Run Window Help
.....
Problems Javadoc Declaration Console X TestNG
MedicareApp_SpringBoot [Maven Build] C:\Users\ntwano\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.jst.java.core\jar\java.core.jar [pid: 8864]
JU [INFO] Scanning for projects...
[INFO] ...
[INFO] Building Medicare RESTAPI 0.0.1-SNAPSHOT
[INFO] from pom.xml
[INFO] ...
[INFO] --- [jar] ---
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/2.5.2/maven-install-plugin-2.5.2.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-install-plugin/2.5.2/maven-install-plugin-2.5.2.pom (6.4 kB at 2.8 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/25/maven-plugins-25.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/25/maven-plugins-25.pom (9.6 kB at 21 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/24/maven-parent-24.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent/24/maven-parent-24.pom (37 kB at 96 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/apache/14/apache-14.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/apache/14/apache-14.pom (15 kB at 39 kB/s)

-----

```

```

workspace-spring-tool-suite-4-4.20.1.RELEASE - MedicareApp_SpringBoot/src/main/resources/application.properties - Spring Tool Suite 4
File Edit Source Navigate Project Run Window Help
.....
Problems Javadoc Declaration Console X TestNG
<terminated> MedicareApp_SpringBoot [Maven Build] C:\Users\ntwano\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.jst.java.core\jar\java.core.jar [pid: 8864]
JU [INFO] Downloaded From : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-client/4.5.14/httpcomponents-client-4.5.14.pom (15 kB at 2.8 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.pom (5.0 kB at 21 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcomponents-core-4.4.16.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcomponents-core-4.4.16.pom (12 kB at 59 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcomponents-core-4.4.16.pom (12 kB at 59 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-loader-tools-2.7.8.pom
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-loader-tools-2.7.8.pom (2.2 kB at 3.3 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.4.16/httpclient-4.4.16.jar
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.4.16/httpclient-4.4.16.jar
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-loader-tools-2.7.8.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-loader-tools-2.7.8.jar (254 kB at 91 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-buildpack-platform-2.7.8-jar (249 kB at 59 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.jar (328 kB at 74 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.14/httpclient-4.5.14.jar (786 kB at 154 kB/s)
[INFO] Replacing main artifact with repackaged archive
[INFO] ...
[INFO] --- install:2.5.2:install (default-install) @ Medicare_api ---
[INFO] Downloading from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.pom (11 kB at 39 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom (42 kB at 144 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/commons/shared-util/commons-shared-util-0.4.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/commons/shared-util/commons-shared-util-0.4.pom (4.0 kB at 20 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.jar (233 kB at 222 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.jar (239 kB at 166 kB/s)
[INFO] Installing C:\Users\ntwano\Documents\workspace\spring-tool-suite-4-4.20.1.RELEASE\MedicareApp_SpringBoot\target\Medicare_api-0.0.1-SNAPSHOT.jar to C:\Users\ntwano\.m2\repository\com\medicare\api\Medicare_api\0.0.1-SNAPSHOT\Medicare_api-0.0.1-SNAPSHOT.jar
[INFO] ...
[INFO] BUILD SUCCESS
[INFO] ...
[INFO] Total time: 03:50 min
[INFO] Finished at: 2024-02-12T12:10:38+02:00
[INFO] ...

```

```
workspace-spring-tool-suite-4-4.20.1.RELEASE - MedicareApp_SpringBoot/src/main/resources/application.properties - Spring Tool Suite 4
File Edit Source Navigate Project Run Window Help
Problems Javadoc Declaration Console TestNG
[terminated] MedicareApp_SpringBoot [ Maven Build ] C:\Users\ntwano\Downloads\sts-4.20.1.RELEASE\plugins\org.eclipse.jst\openjdk.hेस्टप\jre\full\win32\x86_64\17.0.8\20230821-1047\jre\bin\javaw.exe (12 Feb 2024, 12:05:02 - 12:10:41) [pid: 886]
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-client/4.3.14/httpcomponents-client-4.3.14.pom (15 kB at 2.8 kB/s)
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcore-4.4.16.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcore-4.4.16.pom (5.0 kB at 21 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcomponents-core-4.4.16.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcomponents-core/4.4.16/httpcomponents-core-4.4.16.pom (12 kB at 59 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-loader-tools-2.7.8.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.8/spring-boot-buildpack-platform-2.7.8.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.14/httpclient-4.5.14.jar
[INFO] Downloading from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.14/httpclient-4.5.14.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools-2.7.8/spring-boot-loader-tools-2.7.8.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-buildpack-platform/2.7.8/spring-boot-buildpack-platform-2.7.8.jar (254 kB at 91 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot-loader-tools/2.7.8/spring-boot-loader-tools-2.7.8.jar (249 kB at 59 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.jar (328 kB at 74 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/httpcomponents/httpclient/4.5.14/httpclient-4.5.14.jar (786 kB at 154 kB/s)
[INFO] Replacing main artifact with repackaged archive
[INFO] --- install:2.5.2:install (default-install) @ Medicare_api ---
[INFO] Downloading from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/commons-codec/commons-codec/1.6/commons-codec-1.6.pom (11 kB at 39 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom (42 kB at 144 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-util@0.4/maven-shared-util-0.4.pom
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-util@0.4/maven-shared-util-0.4.pom (4.0 kB at 20 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-util@0.4/maven-shared-util-0.4.jar
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-util@0.4/maven-shared-util-0.4.jar (233 kB at 222 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-util@0.4/maven-shared-util-0.4.jar (155 kB at 124 kB/s)
[INFO] Downloaded from : https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.pom (239 kB at 166 kB/s)
[INFO] Installing C:\Users\ntwano\Documents\workspace-spring-tool-suite-4-4.20.1.RELEASE\MedicareApp_SpringBoot\target\Medicare_api-0.0.1-SNAPSHOT.jar to C:\Users\ntwano\.m2\repository\com\medicare\api\Medicare_api\0.0.1-SNAPSHOT\Medicare_api-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\ntwano\Documents\workspace-spring-tool-suite-4-4.20.1.RELEASE\MedicareApp_SpringBoot\pom.xml to C:\Users\ntwano\.m2\repository\com\medicare\api\Medicare_api\0.0.1-SNAPSHOT\Medicare_api-0.0.1-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 03:50 min
[INFO] Finished at: 2024-02-12T12:10:38+02:00
[INFO] -----
```

## 16. Creating Beanstalk

The screenshot shows the AWS Management Console with the search bar set to 'Beans'. The search results page displays the following sections:

- Services** (1):
  - Elastic Beanstalk: Run and Manage Web Apps
- Features**:
  - Applications: Elastic Beanstalk feature
  - Environments: Elastic Beanstalk feature
- ElastiCache Cluster Client**

On the right side of the search results, there is a sidebar with the following elements:

- + Add widgets
- Create application
- Originating a ...

## 17. Creating an Environment

The image consists of three vertically stacked screenshots of the AWS Elastic Beanstalk console.

**Screenshot 1: Environment List**

This screenshot shows the "Environments" page in the Elastic Beanstalk service. The left sidebar has "Environments" selected. The main area displays a table with one row: "No environments" and "No environments to display." At the top right is a yellow "Create environment" button.

**Screenshot 2: Create Environment Step 3**

This screenshot shows the "Configure environment" step 3 of the creation wizard. It includes sections for "Web server environment" (selected), "Worker environment", "Application information" (with "user-service" entered in the application name field), and "Environment information".

**Screenshot 3: Create Environment Step 6**

This screenshot shows the "Review" step of the creation wizard, which summarizes the configuration choices made in the previous steps.

Screenshot of the AWS Elastic Beanstalk console showing the environment overview and events for the "User-service-env".

**Environment Overview:**

- Health: Unknown
- Environment ID: e-qwhmjw2hhv
- Domain: medicare.us-east-1.elasticbeanstalk.com
- Application name: user-service

**Platform:**

- Platform: Corretto 17 running on 64bit Amazon Linux 2023/4.2.0
- Running version: -
- Platform state: Supported

**Events:**

Time	Type	Details
February 12, 2024 12:33:23 (UTC+2)	INFO	Using elasticbeanstalk-us-east-1-590183664945 as Amazon S3 storage bucket for environment data.
February 12, 2024 12:33:21 (UTC+2)	INFO	createEnvironment is starting.

Screenshot of the AWS IAM console showing the creation of a new IAM role named "aws-elasticbeanstalk-ec2-role". The role is described as being used for "Access AWS from your non AWS workloads" and "Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS". It also lists "X.509 Standard" and "Temporary credentials" options.

Screenshot of the AWS Elastic Beanstalk console showing the environment "MedicareApp-env" successfully launched. The environment overview shows the application "MedicareApp" running on the "Corretto 17" platform. The "Events" tab is selected at the bottom.

Screenshot of the AWS Elastic Beanstalk console showing the Environment overview and Upload and deploy dialog boxes.

**Environment overview:**

Health	Environment ID
Ok	e-dnpgzpvgnr

**Platform:**

Platform
Corretto 17 running on 64bit Amazon Linux 2023/4.2.0

**Events (15) Info:**

**Upload and deploy:**

To deploy a previous version, go to the [Application versions page](#).

Upload application: Choose file (File must be less than 500MB max file size)

Version label: Unique name for this version of your application code. (Version label)

Current number of EC2 instances: 1

Cancel Deploy

The screenshot shows the AWS Elastic Beanstalk console interface. On the left, there's a sidebar with navigation links for Applications, Environments, Change history, Application: MedicareApp (with sub-links for Application versions and Saved configurations), and Environment: MedicareApp-env (with sub-links for Go to environment, Configuration, Events, Health, and Logs). The main area displays the 'Upload and deploy' dialog box. Inside the dialog, it says 'To deploy a previous version, go to the Application versions page'. Under 'Upload application', there's a 'Choose file' button and a checked file entry 'File name: Medicare\_api-0.0.1-SNAPSHOT.jar'. A note below states 'File must be less than 500MB max file size'. Under 'Version label', there's a text input field containing 'MedicareApp-version-1'. At the bottom right of the dialog are 'Cancel' and 'Deploy' buttons, with 'Deploy' being the active button.

Screenshot of the AWS Elastic Beanstalk console showing the deployment of a new application version.

The browser address bar shows: us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/dashboard?environmentId=e-dnpgzpvgnr

The AWS navigation bar includes: Enviro. x, Enviro. x, Enviro. x, Roles x, Data x, RDS x, Jenkins x, Medi x, Dev x, Online x, +, N. Virginia, Ntwanano Mathebula.

Session details: Gmail, YouTube, Maps, How to fix Windows..., New chat, Feed | LinkedIn, SQL Server Downlo..., Live Class, (195) Vagrant Projec..., Jobs are our job | p..., All Bookmarks.

Elastic Beanstalk interface:

- Environment overview:**
  - Health: Ok
  - Domain: medicareApp.us-east-1.elasticbeanstalk.com
  - Environment ID: e-dnpgzpvgnr
  - Application name: MedicareApp
- Platform:**
  - Platform: Corretto 17 running on 64bit Amazon Linux 2023/4.2.0
  - Running version: -
  - Platform state: Supported

Actions: CloudShell, Feedback, Search, [Alt+S], Actions, Upload and deploy.

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 26°C ENG 13:34

CloudShell, Feedback, Search, [Alt+S], Actions, Upload and deploy.

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 26°C ENG 13:37

The screenshot shows two instances of the Visual Studio Code (VS Code) interface side-by-side, displaying the same Angular application project named "MedicareApp\_Angular".

**Project Structure:**

- MedicareApp\_Angular:** The root folder contains .angular, .vscode, node\_modules, and src.
- src:** Contains app, Model, and services.
- app:** Contains components, Model, and services.
- services:** Contains medicare.service.ts, medicare.service.spec.ts, app-routing.module.ts, app.component.css, app.component.html, app.component.spec.ts, app.component.ts, app.module.ts, assets, favicon.ico, and index.html.

**Terminal Output:**

Both terminals show the following build logs:

```
src > app > services > TS medicare.service.ts > MedicService
124

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE SOURCE CONTROL PORTS
✓ Compiled successfully.
✓ Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size
main.js           | main   | 222.87 kB |
runtime.js        | runtime | 6.54 kB |

3 unchanged chunks
Build at: 2024-02-12T12:04:27.865Z - Hash: ef2792ce940cf79c - Time: 10647ms
✓ Compiled successfully.
^C
C:\Users\ntwano\Documents\Angular\MedicareApp_Angular>ng build
```

Bottom status bar: Ln 26, Col 1 Spaces: 2 UTF-8 LF {} TypeScript Q

Bottom status bar: 26°C ⚡ ENG 14:06

The screenshot shows the AWS Elastic Beanstalk search results for the query 's3'. The search bar at the top contains 's3'. On the left, the navigation pane includes links for Applications, Environments, Change history, Application: Medicare, Environment: Medicare env, Go to environment, Configuration, Events, Health, and Logs. The main content area displays a list of services under 'Services' (8), with 'S3' being the top result. Other listed services include S3 Glacier, AWS Snow Family, and Storage Gateway. A modal window on the right titled 'Upload and deploy' is open, showing options for 'Change version' and 'Amazon Linux'.

Search results for 's3'

Services (8)

S3 ★ Scalable Storage in the Cloud

Top features

Buckets Access points Storage Lens dashboards Batch Operations

S3 Glacier ★ Archive Storage in the Cloud

AWS Snow Family ★ Large Scale Data Transport

Storage Gateway ★ Hybrid Storage Integration

Upload and deploy

Change version

Amazon Linux

Events Health Logs Monitoring Alarms Managed updates Tags

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

CloudShell Feedback

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general

Gmail YouTube Maps How to fix Windows... New chat Feed | LinkedIn SQL Server Download Live Class (195) Vagrant Projec... Jobs are our job | p... All Bookmarks

CloudShell Feedback

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

AWS Region: US East (N. Virginia) us-east-1

Bucket type: [Info](#)

General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory - New

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name: [Info](#) nocode

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket optional

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

The screenshot shows the AWS S3 console interface for creating a new bucket. The URL in the browser is [s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general](https://s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general). The page displays configuration options for the new bucket:

- Encryption type:** SSE-S3 (radio button selected)
- Bucket Key:** Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. (radio button selected)

A note indicates: "After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings."

The screenshot shows the confirmation message after successfully creating the bucket "ngcodebucket". The message reads: "Successfully created bucket \"ngcodebucket\". To upload files and folders, or to configure additional bucket settings, choose View details." A "View details" button is visible.

The screenshot shows the "General purpose buckets" list. The newly created bucket "elasticbeanstalk-eu-north-1-590183664945" is listed with the following details:

Name	AWS Region	Access	Creation date
elasticbeanstalk-eu-north-1-590183664945			January 28, 2024, 15:43:27 (UTC+02:00)

The screenshot shows two consecutive pages from the AWS S3 console:

**Objects (0) Info**

Actions: Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, Upload.

No objects. You don't have any objects in this bucket.

**Upload**

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. Learn more.

Drag and drop files and folders you want to upload here, or choose Add files or Add folder.

Files and folders (0)

All files and folders in this table will be uploaded.

No files or folders. You have not chosen any files or folders to upload.

The screenshot shows the AWS S3 'Upload' interface. At the top, there's a navigation bar with tabs like 'Up', 'Envir...', '502 Ba...', 'Envir...', 'Roles |', 'Database |', 'RDS |', '51.20.1 |', 'Jenkins |', 'Media |', 'Deviant...', 'Online |', and a '+' button. Below the navigation bar is a search bar with the placeholder 'Search' and a keyboard shortcut '[Alt+S]'. The main content area has a breadcrumb trail: 'Amazon S3 > Buckets > ngcodebucket > Upload'. The title 'Upload' is followed by a 'Info' link. A note says: 'Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)'.

Below this is a large dashed blue rectangular area with the text 'Drag and drop files and folders you want to upload here, or choose Add files or Add folder.' In the center, there's a section titled 'Files and folders (10 Total, 985.3 KB)' with three buttons: 'Remove', 'Add files', and 'Add folder'. A note below says 'All files and folders in this table will be uploaded.' There's also a 'Find by name' search input field.

Two tables follow:

	Name	Folder	Type
<input type="checkbox"/>	3rdpartylicenses.txt	-	text/plain
<input type="checkbox"/>	background1.3f391cb53bbcd4f0.jpg	-	image/jpeg
<input type="checkbox"/>	favicon.ico	-	image/x-icon

	Name	Folder	Type
<input type="checkbox"/>	3rdpartylicenses.txt	-	text/plain
<input type="checkbox"/>	background1.3f391cb53bbcd4f0.jpg	-	image/jpeg
<input type="checkbox"/>	favicon.ico	-	image/x-icon
<input type="checkbox"/>	index.html	-	text/html
<input type="checkbox"/>	main.ed0f250ff28e6064.js	-	text/javascript
<input type="checkbox"/>	NotoSerifAhom-Regular.1fe81d7f2...	-	-
<input type="checkbox"/>	Pacifico-Regular.f84675713043186...	-	-
<input type="checkbox"/>	polyfills.587cd555fb2e12c0.js	-	text/javascript
<input type="checkbox"/>	runtime.1ceb17f80dd9937a.js	-	text/javascript

Screenshot of the AWS S3 console showing the upload process for a bucket named "ngcodebucket".

The "Destination" section shows the destination as "s3://ngcodebucket". It includes sections for "Destination details", "Permissions", and "Properties".

The "Upload" button is highlighted.

The "Upload succeeded" message is displayed, indicating 10 files and folders were uploaded successfully.

The uploaded files and folders are listed in a table:

Name	Folder	Type	Size	Status	Error
background...png	-	image/png	40.4 KB	Succeeded	-
favicon.ico	-	image/x-icon	948.0 B	Succeeded	-
index.html	-	text/html	8.5 KB	Succeeded	-
main.ed0f2...	-	text/javascript	410.1 KB	Succeeded	-
NotoSerifAh...	-	-	51.7 KB	Succeeded	-
Pacifico-Reg...	-	-	308.0 KB	Succeeded	-
polyfills.587...	-	text/javascript	33.1 KB	Succeeded	-
runtime.1ce...	-	text/javascript	933.0 B	Succeeded	-
styles.af69a...	-	text/css	107.7 KB	Succeeded	-

The screenshot shows the AWS S3 console interface. The left sidebar has a 'Buckets' section with links for Access Grants, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, and Block Public Access settings for this account. Below that is a 'Storage Lens' section with links for Dashboards, Storage Lens groups, and AWS Organizations settings. The main content area shows an 'Account snapshot' with a link to 'View Storage Lens dashboard'. Below it is a tab for 'General purpose buckets' (3) and a 'Directory buckets' tab. A search bar at the top of the list allows searching by bucket name. The table lists three buckets:

Name	AWS Region	Access	Creation date
elasticbeanstalk-eu-north-1-590183664945	Europe (Stockholm) eu-north-1	Objects can be public	January 28, 2024, 15:43:27 (UTC+02:00)
elasticbeanstalk-us-east-1-590183664945	US East (N. Virginia) us-east-1	Objects can be public	February 12, 2024, 12:24:45 (UTC+02:00)
ngcodebucket	US East (N. Virginia) us-east-1	Objects can be public	February 12, 2024, 14:37:34 (UTC+02:00)

At the bottom of the page, there are links for 'Privacy', 'Terms', and 'Cookie preferences'. The status bar at the bottom right shows the date as February 12, 2024, 14:37:34, the temperature as 28°C, and the language as ENG.

**Objects (10) Info**

Name	Type	Last modified	Size	Storage class
3rdpartylicenses.txt	txt	February 12, 2024, 14:42:10 (UTC+02:00)	15.9 KB	Standard

**Properties**

### Bucket overview

AWS Region US East (N. Virginia) us-east-1	Amazon Resource Name (ARN) arn:aws:s3:::ngcodebucket	Creation date February 12, 2024, 14:37:34 (UTC+02:00)
---	---	--

### Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

**Bucket Versioning**

Disabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

The screenshot shows the AWS S3 Website Endpoint configuration page. On the left, a sidebar lists various S3 management options like Buckets, Access Grants, and Storage Lens. The main panel displays configuration for a website endpoint:

- Index document:** Set to "index.html".
- Error document - optional:** Set to "index.html".
- Redirection rules - optional:** A JSON editor is present but currently empty.

At the bottom right are "Cancel" and "Save changes" buttons. The status bar at the bottom indicates "JSON Ln 1, Col 1 Errors: 0 Warnings: 0".

s3.console.aws.amazon.com/s3/buckets/ngcodebucket?region=us-east-1&bucketType=general&tab=properties

Gmail YouTube Maps How to fix Windows... New chat Feed | LinkedIn SQL Server Download Live Class (195) Vagrant Projec... Jobs are our job p... All Bookmarks

Amazon S3 Services Search [Alt+S]

Successfully edited static website hosting.

**Requester pays**

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays  
Disabled

**Static website hosting**

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting  
Enabled  
Hosting type  
Bucket hosting  
Bucket website endpoint  
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://ngcodebucket.s3-website-us-east-1.amazonaws.com>

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

## 18. Running my application in aws

