## **TITLE OF THE PROJECT:**

#### DEVELOPING AN ONLINE SHOPING WEBSITE USING AWS

#### **SERVICES USED:**

- AWS EC2-for launching virtual server
- AWS RDS (mysql)-for database
- AWS Elastic beanstalk -for application development
- AWS CLOUD WATCH-for server monitoring
- AWS SNS-for notifications
- AWS VPC-for creating virtual cloud, subnets

## **OBJECTIVE:**

Proper hosting of a online shoping website in an webserver using aws services.

#### **STEPS:**

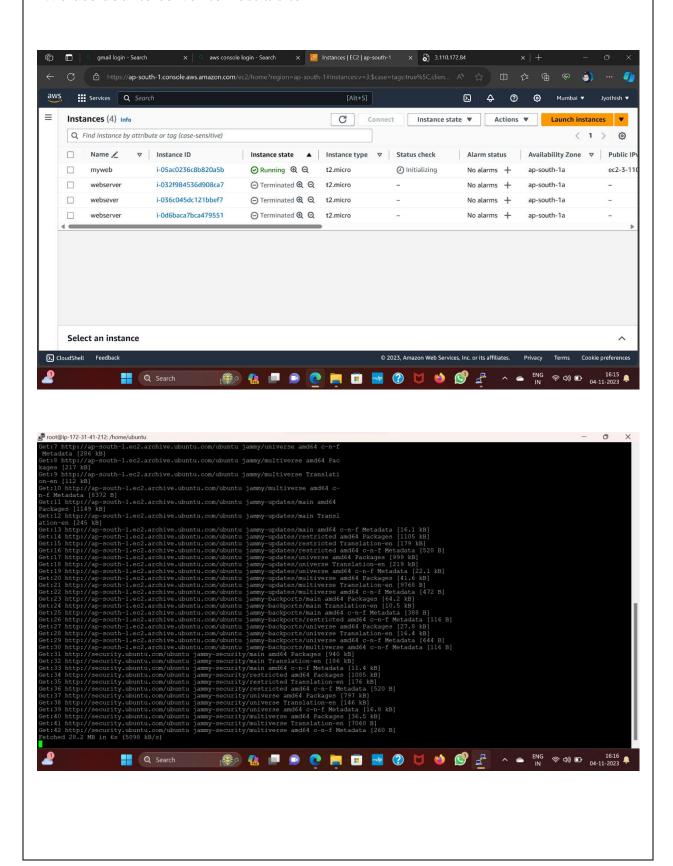
- 1. Developing web application
- 2. Launching web server
- 3. Installing required softwares(appache, mysql, php,...)
- 4. Connecting to cloud watch to continuous monitoring
- 5. Launching SNS service to update the admin about status of server
- 6. Creating database(mysql)
- 7. Launching RDS server
- 8. Output of online shoping site with good health

Screen shots of all steps are given below:

## **PROBLEM STATEMENT 1**

## **Launching a web server:**

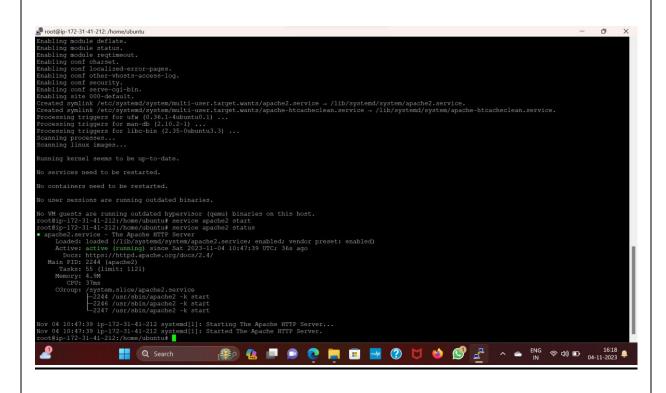
We use ubuntu server to host a site

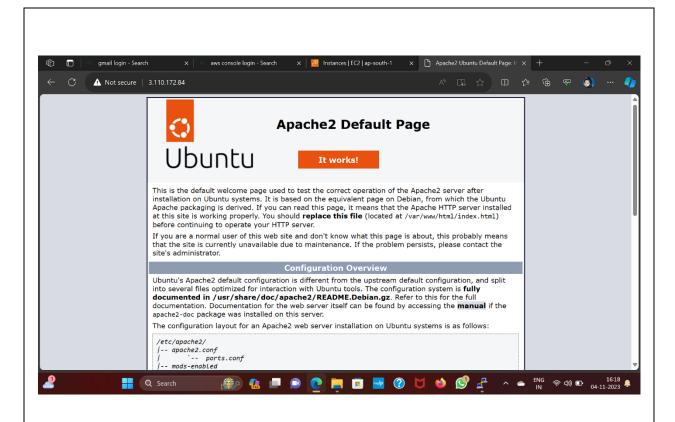


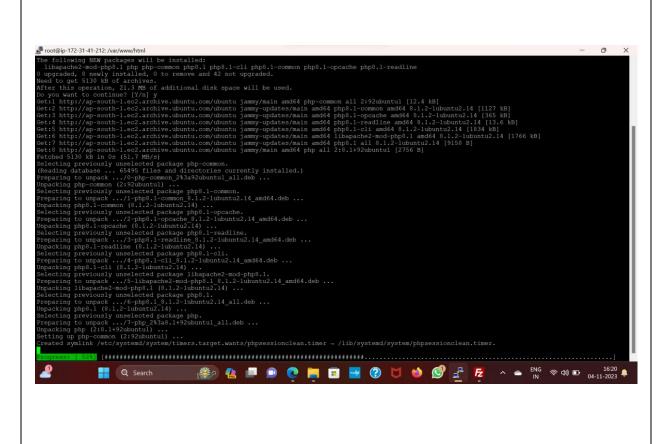
## **Installing required softwares:**

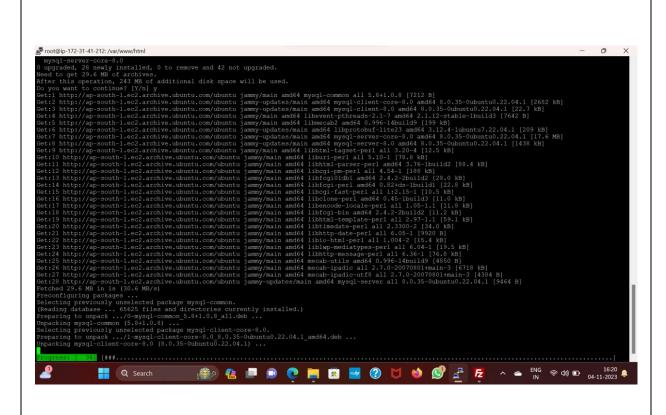
- Appache
- Mysql
- Php

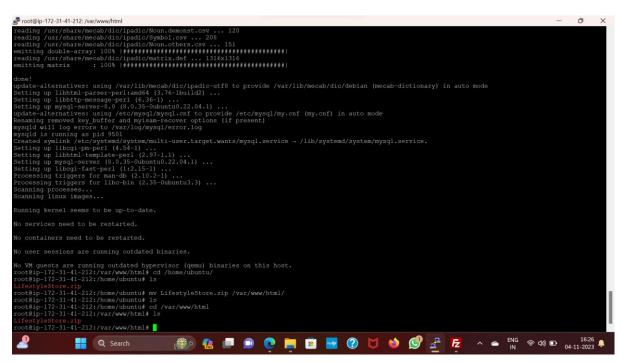
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Preparing to unpack .../03-libaprutill-idap 1.6.1-Subuntu4.22.04.2 amd64.deb ...
Unpacking libaprutill-idap amd64 [1.6.1-Subuntu4.22.04.2) ...
Preparing to unpack .../01-libius3.03-53.de-lbuild1 amd64.deb ...
Unpacking libaprutill-idap amd64 [1.6.1-Subuntu4.22.04.2) ...
Preparing to unpack .../04-libius3.03-53.de-lbuild3 amd64.deb ...
Unpacking jublus5.30-iamd64 [5.3.6-lbuild1] ...
Selecting previously unselected package apache2-bin.
Unpacking apache2-data [2.4.52-lubuntu4.6] ...
Unpacking apache2-data [2.4.52-lubuntu4.6] ...
Unpacking apache2-data [2.4.52-lubuntu4.6] ...
Unpacking apache2-data [2.4.52-lubuntu4.6] ...
Preparing to unpack .../06-apache2-data [2.4.52-lubuntu4.6] ...
Unpacking apache2-data [2.4.52-lubuntu4.6] ...
Preparing to unpack .../06-apache2-data [2.4.52-lubuntu4.6] ...
Preparing to unpack .../07-apache2-data [2.4.52-lubuntu4.6] ...
Preparing to unpack .../07-ap
```









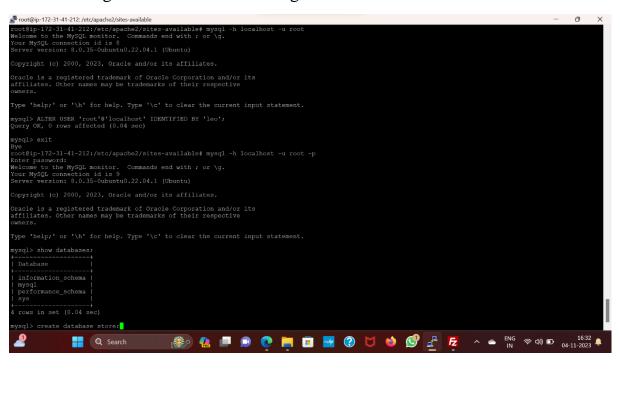


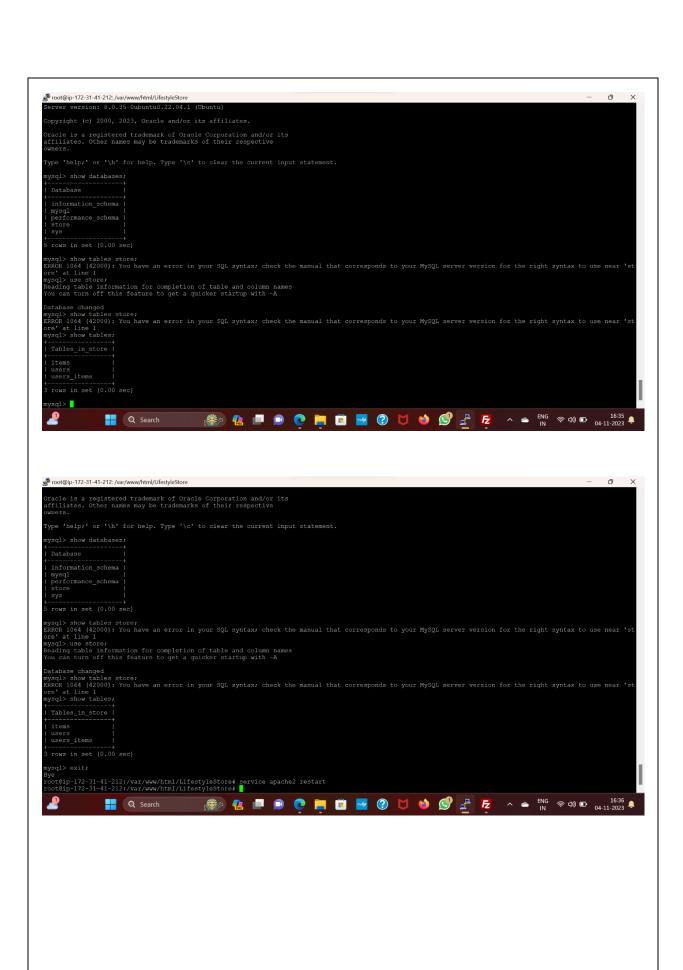
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## **DATABASE:**

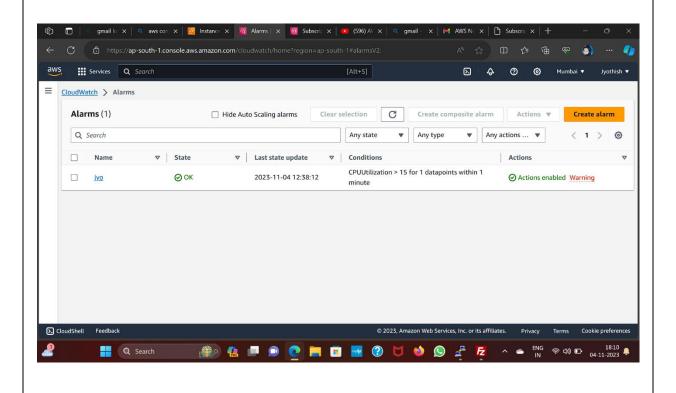
Created using AWS RDS and accesing in databse server

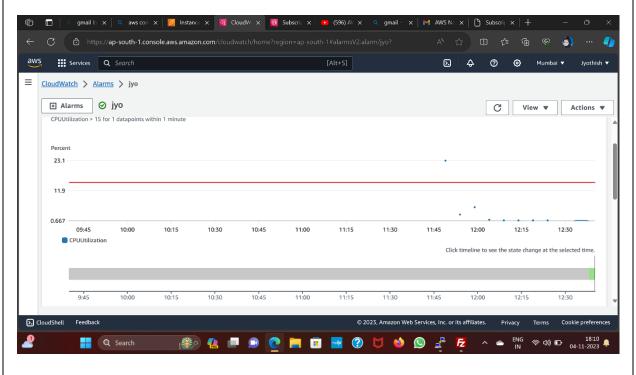




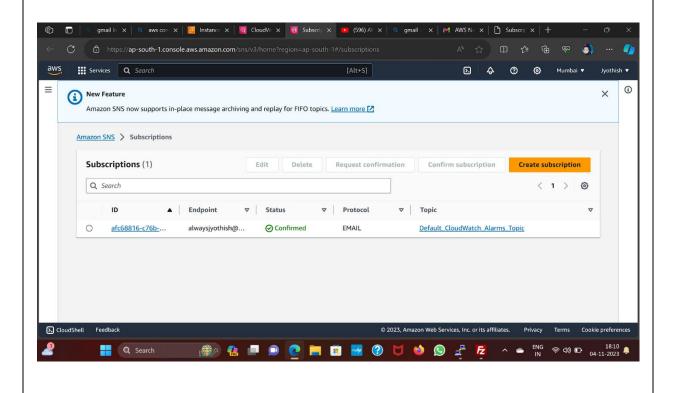
## **PROBLE STATEMENT 2**

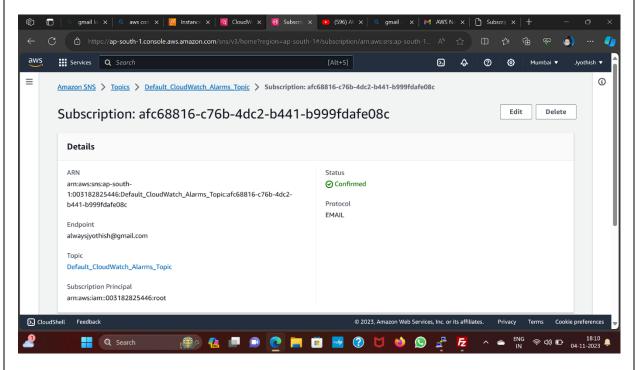
## **Cloud watch:**





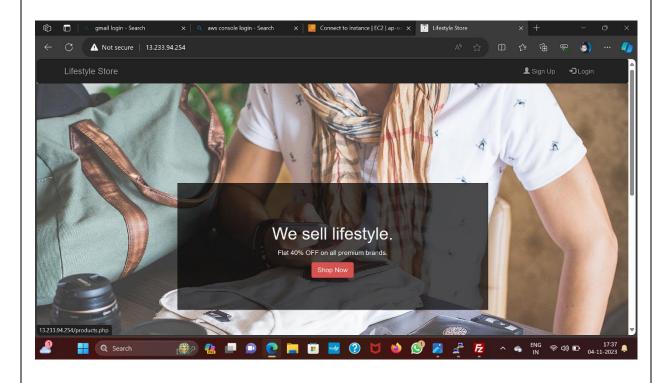
## **Simple Notification Service:**

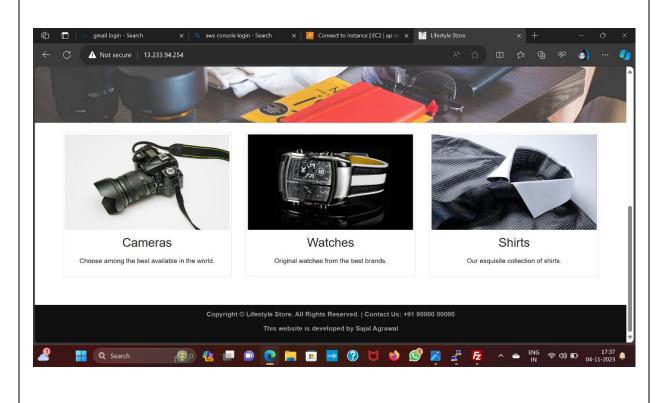


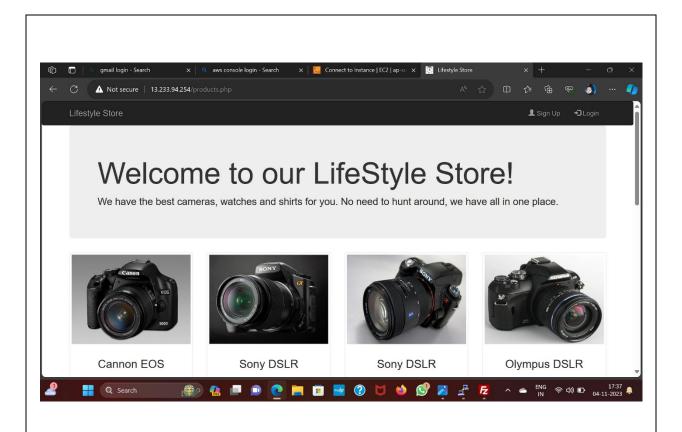


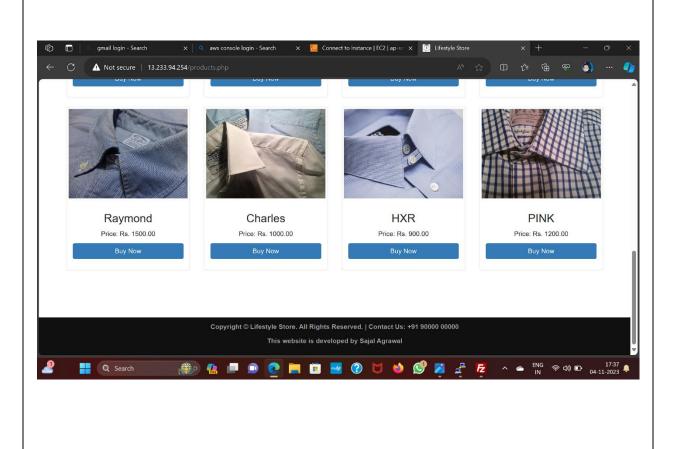
# **Final Outcome of The Project:**

Here some sanpshots of healthy website using ip 13.233.94.254









Final Declartion:
The website is hosted successfully in web server and I am very thankful to our mentor who guide me to complete this .Finalli I am decalred that this is completely developed and hosted with my personal knowledge only.
THANK YOU TEACHNOOK