***Final Assessment Screenshots***

**Final Assessment Devops(Maven,Junit, Git,Sonarqube,Docker,Jenkins) implementation for Microservice Customer Producer application**

a)Push the code through IDE STS into github remote repository backend.

<https://github.com/SBiswajeet/Week4>

1)Back-end code pushed to git:

2. Push Front End code also into GIT Command Line

b) Running the possible number of Junit test Case (Positive+ Negative-)

1)JNUIT TEST CASES AND COVERAGE:

Graphical user interface, application

Description automatically generated

2)H2 CONSOLE:

Graphical user interface, application, Word

Description automatically generated

c)Devops:

Code quality can be checked for backend code

Graphical user interface, text, application, email

Description automatically generated

d) SONARQUBE

1)PROJECT IMPORTED TO SONARQUBE

Graphical user interface, text, email, website

Description automatically generated

2)BUGS AND VULNERABILITIES IN SONARQUBE

A screenshot of a computer

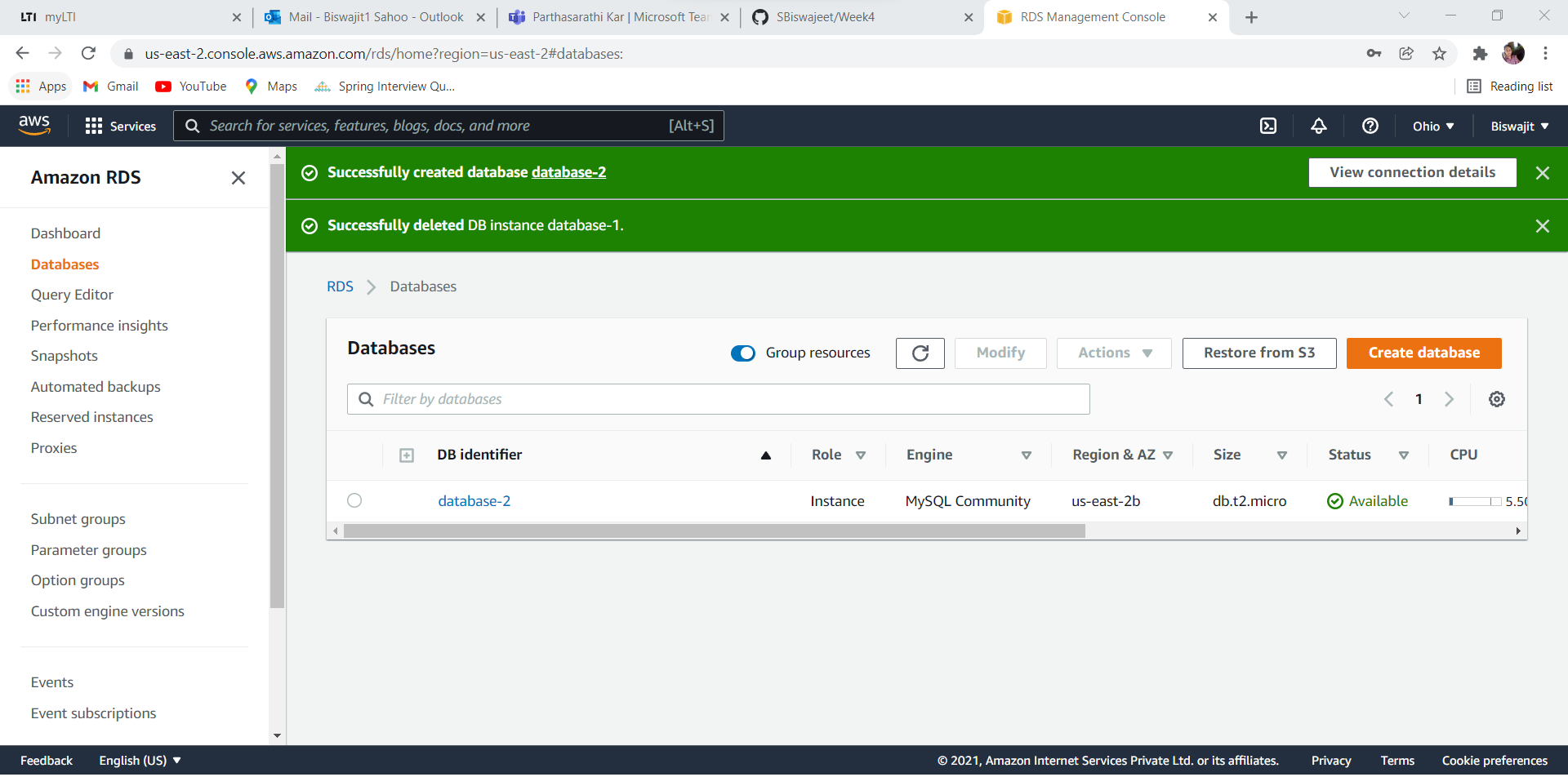
Description automatically generated

Graphical user interface, text, application

Description automatically generated

e)RDS

1)RDS INSTANCE:

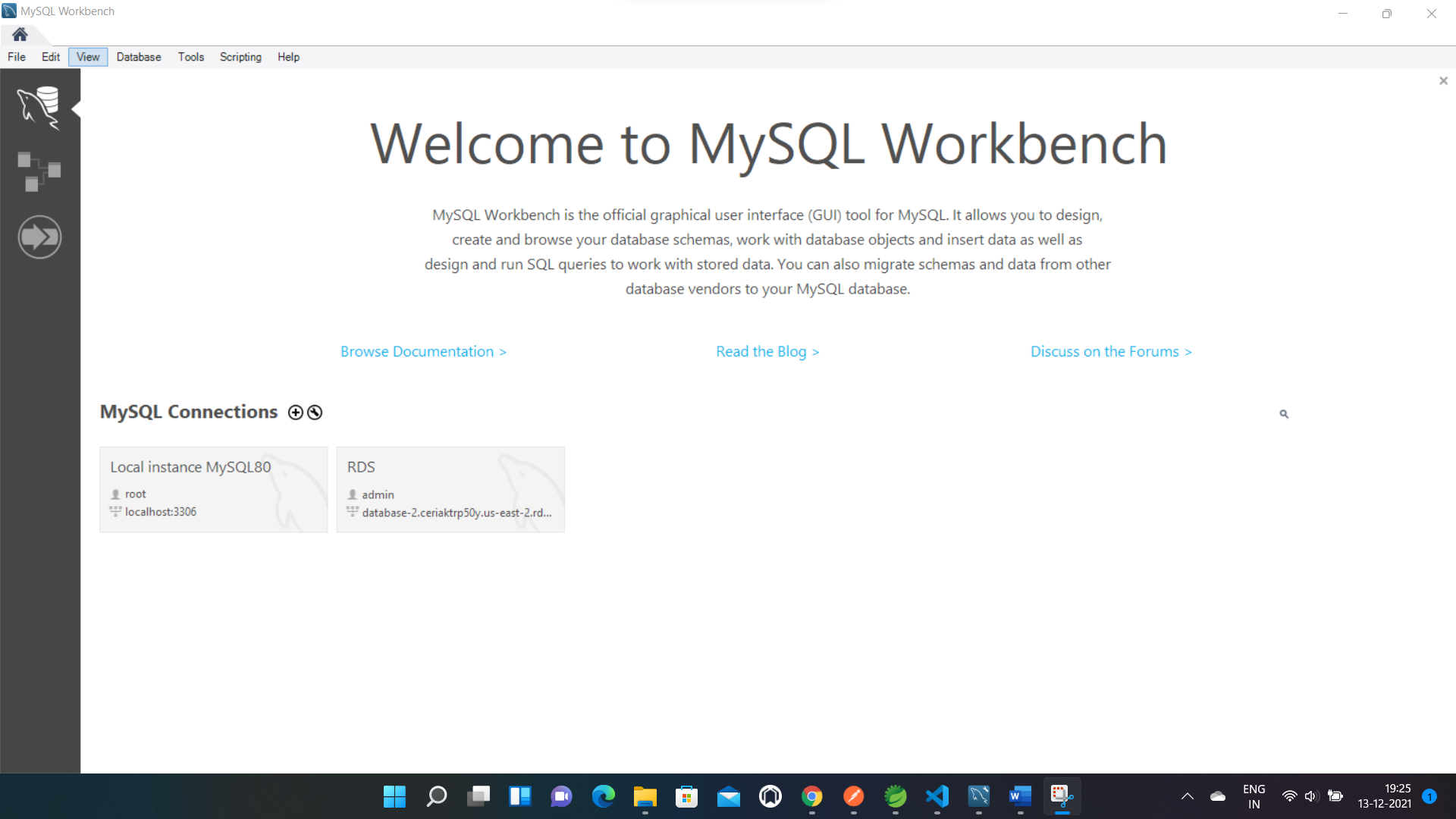


Endpoint & port

database-2.ceriaktrp50y.us-east-2.rds.amazonaws.com

Port:3306

2)RDS INSTANCE CONNECTED TO MYSQL:



f)EC2 INSTANCE:

g)Docker Running from EC2-INSTANCE

Text

Description automatically generated

h)JENKINS FRUNNING FROM EC2 INSTANCE

Text

Description automatically generated

1. S3 INSTANCE:

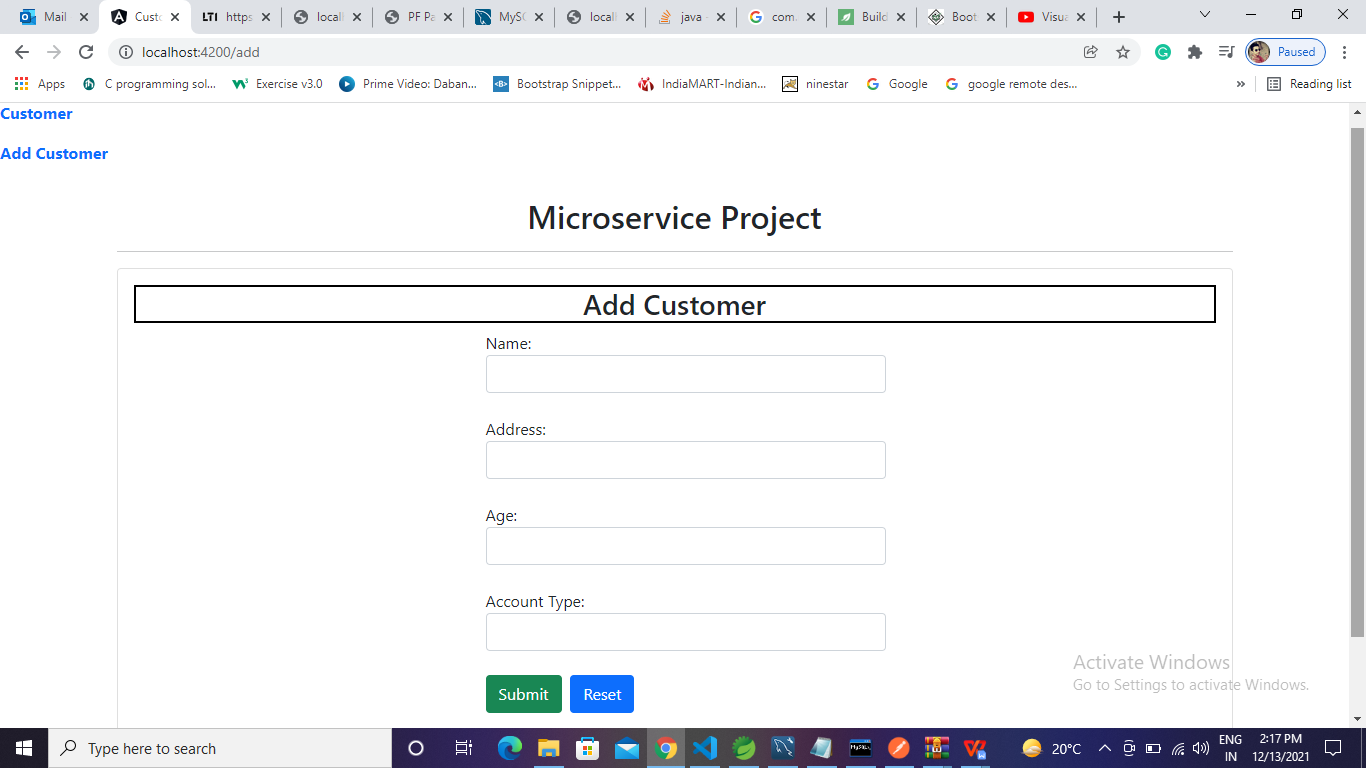
s3 bucket: arn:aws:s3:::week4assessmentfrontend

Graphical user interface, application, Teams

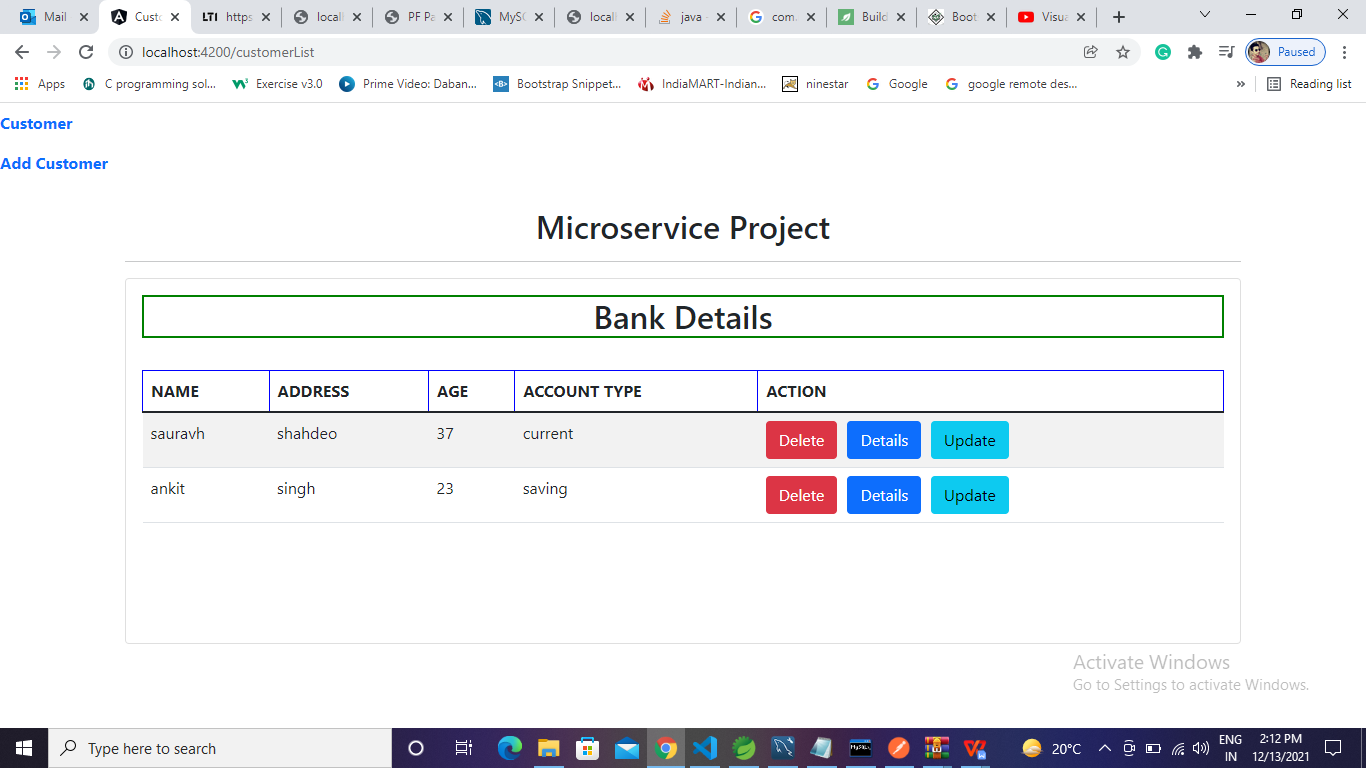
Description automatically generated

j)View

1)Frontend view for Add customer



2)Frontend view for Details Customer



k)JENKINS:

Graphical user interface, application

Description automatically generated

l)Docker from Putty:

Text

Description automatically generated