Created docker image and pushed to docker hub  
A screenshot of a computer

Description automatically generated  
  
  
Go to ECS 🡪Create new task definition  
  
A screenshot of a computer

Description automatically generated  
  
click Create , create for ui, product and order  
  
A screenshot of a computer

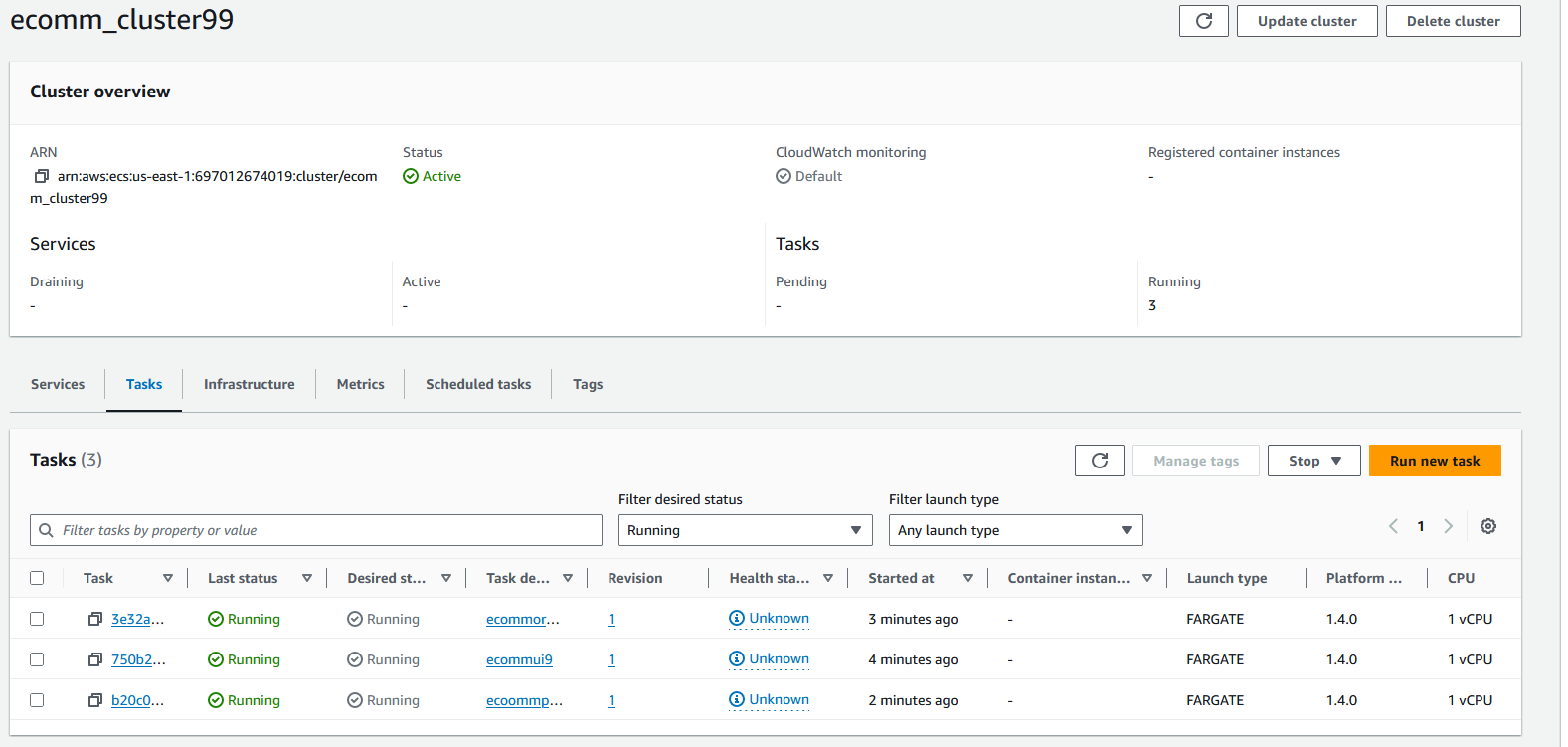
Description automatically generatedadd port 4200 as well along with port 80   
Create cluster   
A screenshot of a computer

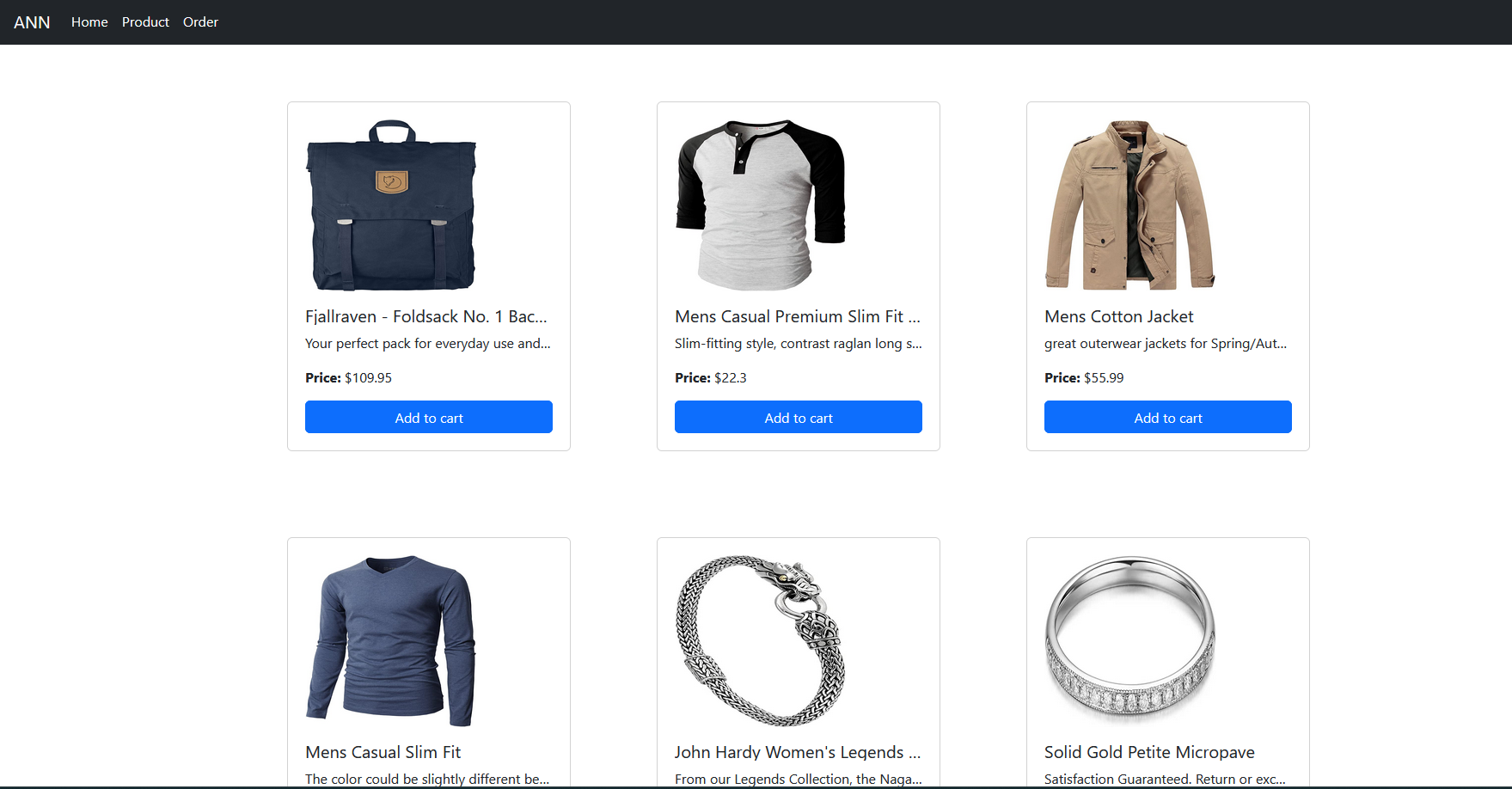
Description automatically generated  
Create service for Ui, product and order  
in the task tab create run new task  
A screenshot of a computer

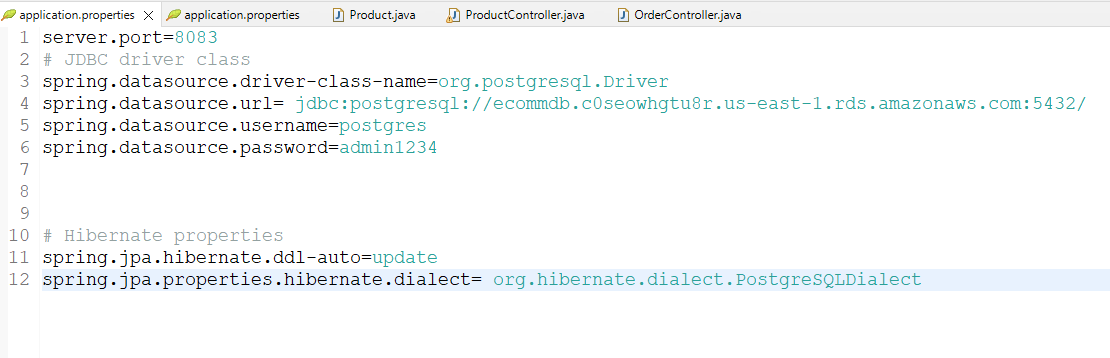
Description automatically generated  
A screenshot of a computer

Description automatically generated

Turn on service connect  
A screenshot of a computer

Description automatically generated  
  
same way create for order and product services  
  
open address in task  
A screenshot of a computer

Description automatically generated  
  
  
RDS:  
Postgresql –version – PostgreSQL 15.3-R2  
  
DB cluster identifier: ecommDB  
  
Master username : postgres  
master password : admin1234  
  
initial DB Name: ecommDB  
  
DB parameter group: default.postgre15  
A screenshot of a computer

Description automatically generated  


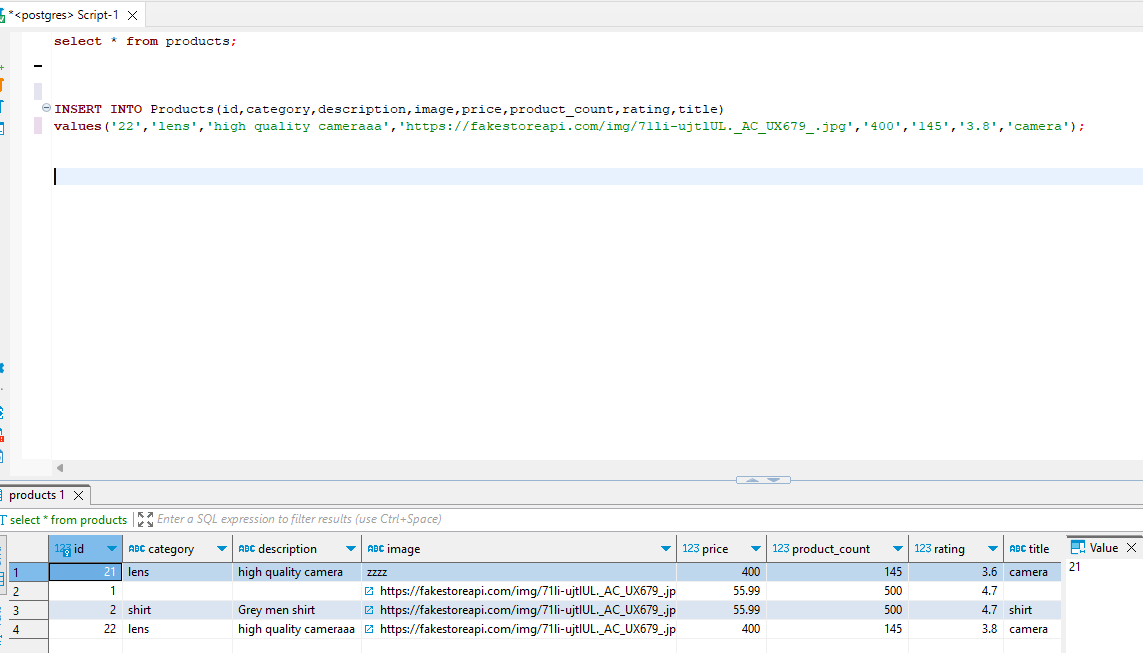
A screen shot of a computer

Description automatically generated

-> Install DBeaver and connect to postgresql and provide RDS URL  
  
A screenshot of a computer

Description automatically generated  
  
A screenshot of a computer

Description automatically generated

Run commands:  
  
hitting from postman:  
A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated  
A screenshot of a computer

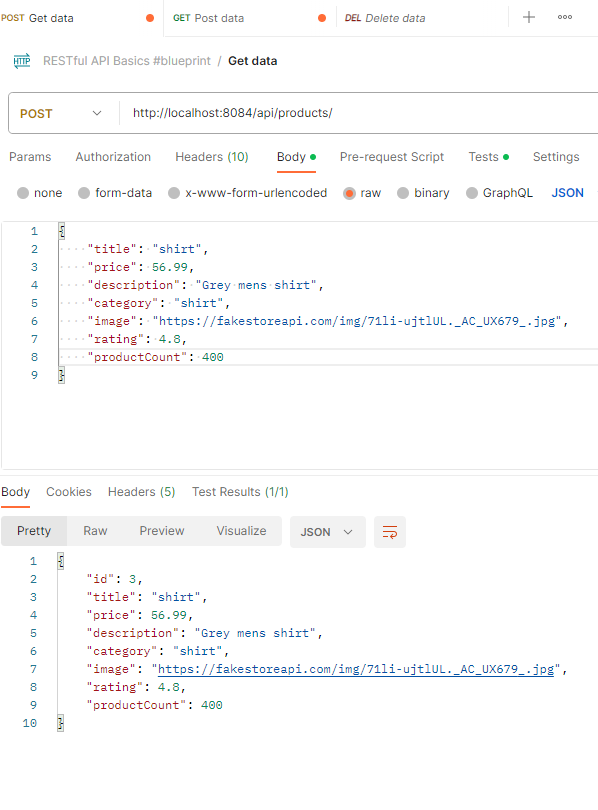
Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Cloud Watch:  
For the ECS service , I have created an alarm in cloud watch   
create alarm -> select metric as ECS in cloud watch  
A screenshot of a computer

Description automatically generated  
A screenshot of a graph

Description automatically generated  
  
A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Configure notification:

A screenshot of a computer

Description automatically generated  
  
Create SNS:  
A screenshot of a computer

Description automatically generated  
create subscription : provide Email for which notifications has to send  
A screenshot of a computer screen

Description automatically generated  
confirm subscription  
A screenshot of a computer

Description automatically generated  
A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

Create Lambda Function:  
A screenshot of a computer

Description automatically generated  
Create a layer and upload python packages zip file to execute code  
A screenshot of a computer

Description automatically generated

Write code for manual attaching SNS and Lambda :  
A screenshot of a computer program

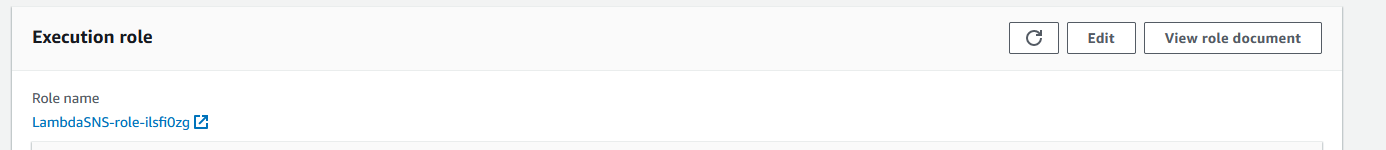
Description automatically generated

Create test event   
A screenshot of a computer

Description automatically generated  
A screenshot of a computer

Description automatically generated  
goto configuration and create function url  
A screenshot of a computer

Description automatically generated  
A screenshot of a computer

Description automatically generated  
provide permissions for execution role  
  
A screenshot of a computer

Description automatically generated  
  
A close-up of a computer screen

Description automatically generated  
Goto Amazon EventBridge:   
Provide details and create schedule  
A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated  
select Lambda function as target to invoke and schedule when to lambda function should execute  
A screenshot of a web page

Description automatically generatedA screenshot of a computer

Description automatically generated  
A screenshot of a computer

Description automatically generated  
now LambdaSNS function will trigger for every 5 minutes as we set the rate expression as 5 minutes  
A blue and red text

Description automatically generated   
after 5 minutes  
A close-up of a computer screen

Description automatically generated  
API GateWay:  
  
create API gateway for lambda function(API2):  
A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated  
can add routes later after creating API  
A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated  
click create  
A screenshot of a computer

Description automatically generated  
create routes:  
A screenshot of a computer

Description automatically generated  
   
authorization: create Authorizer (LambdaAuth) and attach LamdbaSNS function here  
  
A screenshot of a computer

Description automatically generated  
  
attach integration to routes:  
A screenshot of a computer

Description automatically generated  
we selected default stage when creating API:  
A screenshot of a computer

Description automatically generated  
  
click on API invoke URL  
A white background with text

Description automatically generated with medium confidence

Able to see the success response  
A screenshot of a computer

Description automatically generated