AWS Deployment Setup ­­­­:

Steps:

1. Create RDS instance and run the table scripts

Note: instance should be made public

2. Configure sonarCloud and Secret Manager configuration (host, organization, projectKey, sonartoken)

3. Setup repository in ECR

4. Code Commit/GitHub – Push the Source code

5. Build phase

a. Docker file – port configuration and name of the microservice

b. configure application.properties

c. update buildspec based on application

d. code build – isPrivilege check box needs to be enabled

e. check whether image is created in ECR repository

6.Deployment phase – deployment of containerized microservice on ECS

In task definition note the following ,

add container (hard limit -800, soft limit-400, application port: container port keep it same as mentioned in application.properties file, deployment type-demon)

7. Invoke using postman

8. Create API’s in APIGateway( REST API).

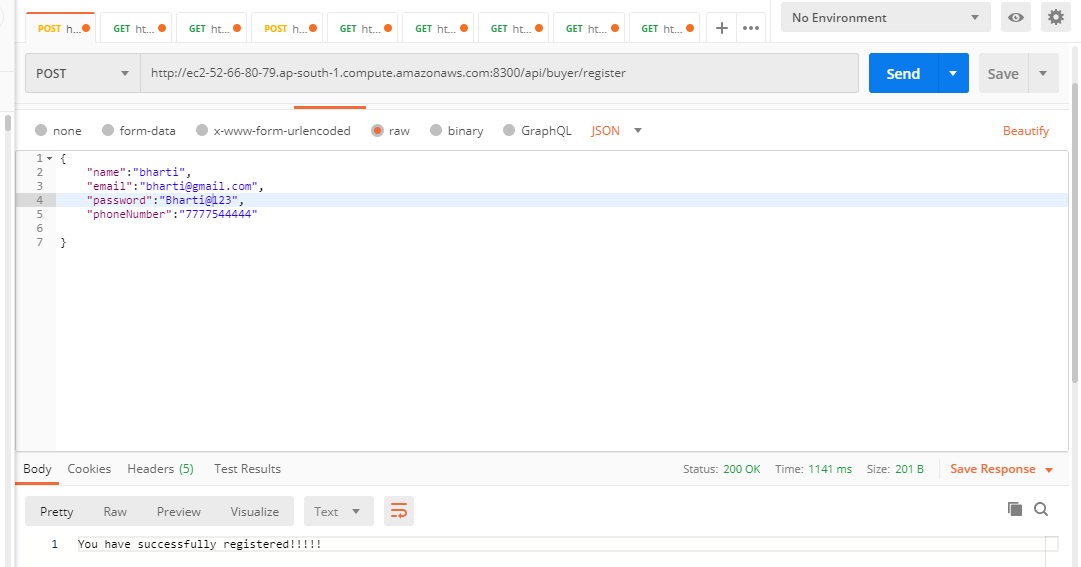
9. Create a lambda function to move logs from CloudWatch to S3.

User management:

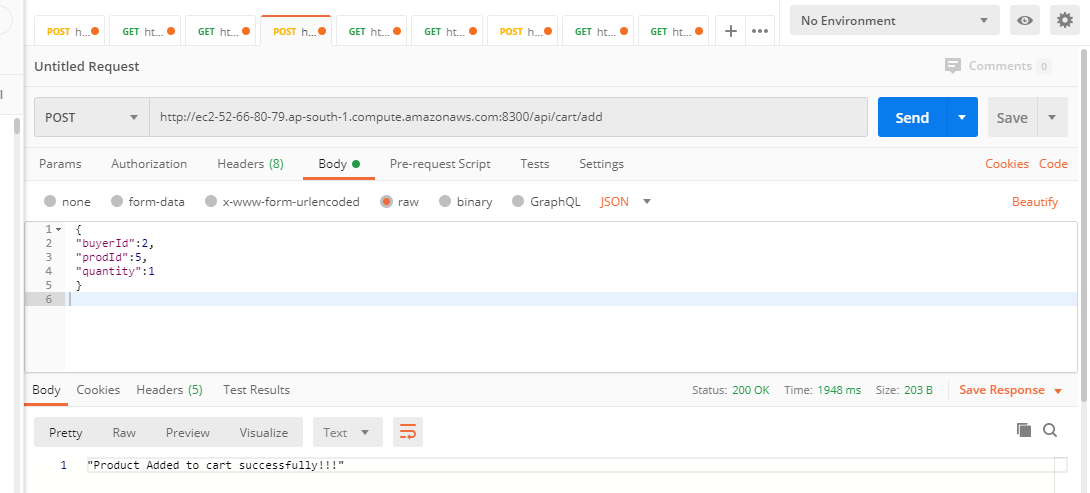
1.Register validations



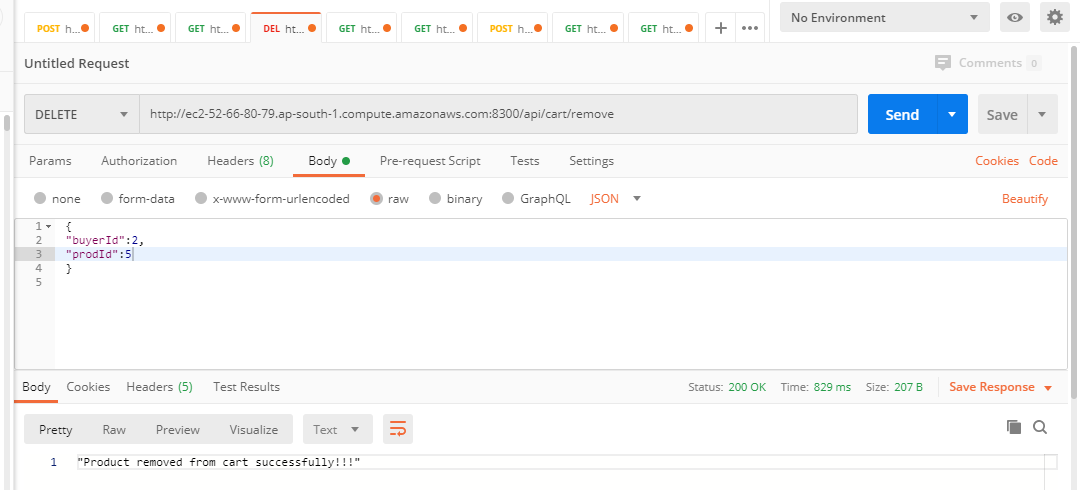
2.valid input:



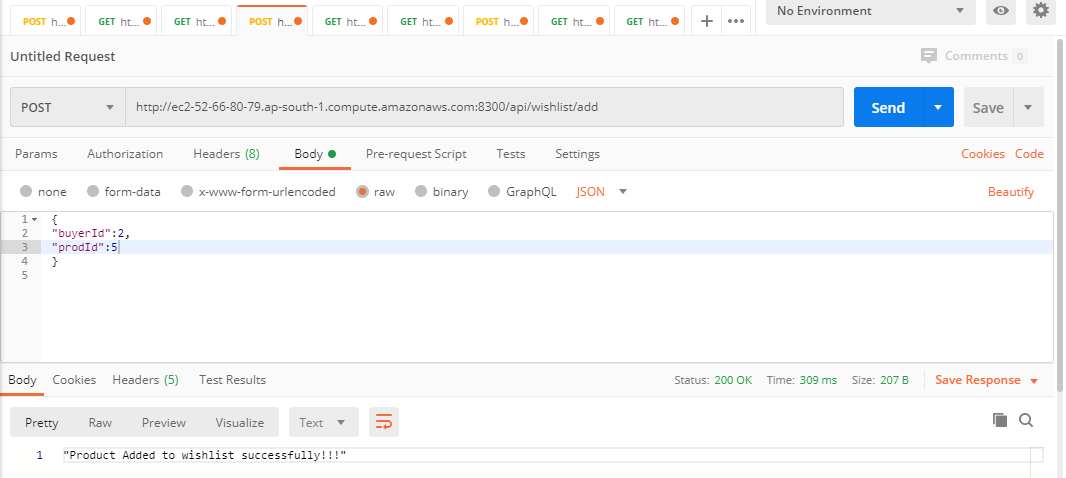
3.Integration of user with product:



4. Removing item from cart:

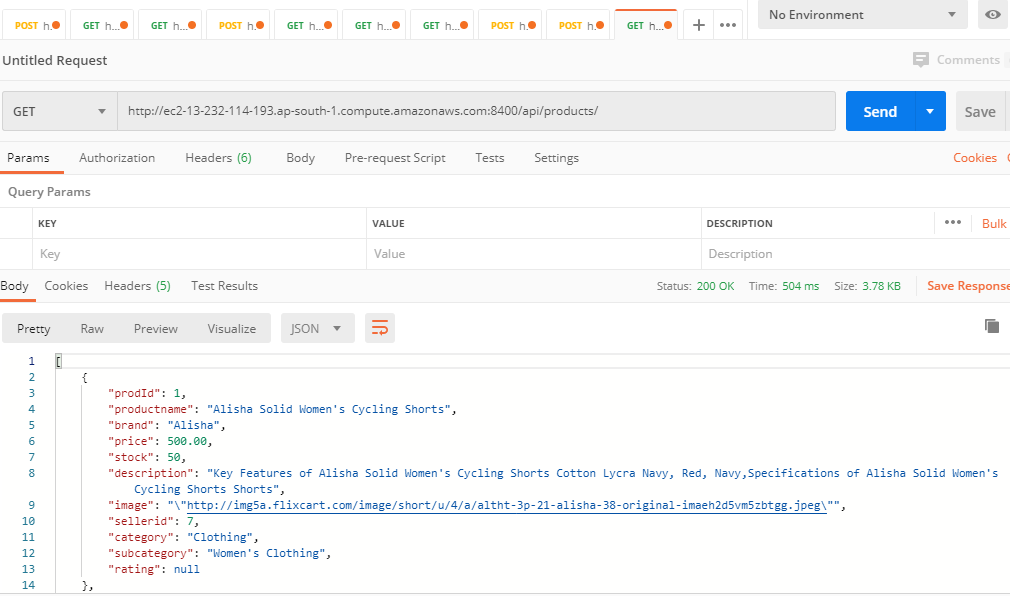


5.integration user to product(Wishlist)

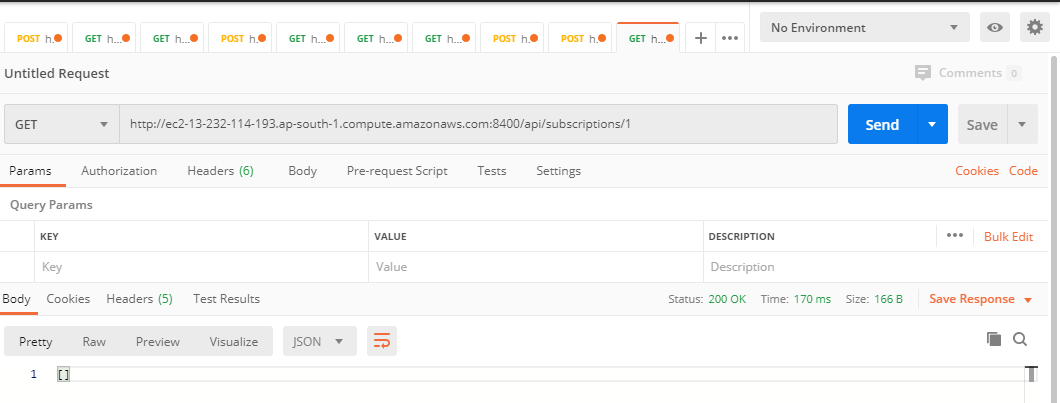


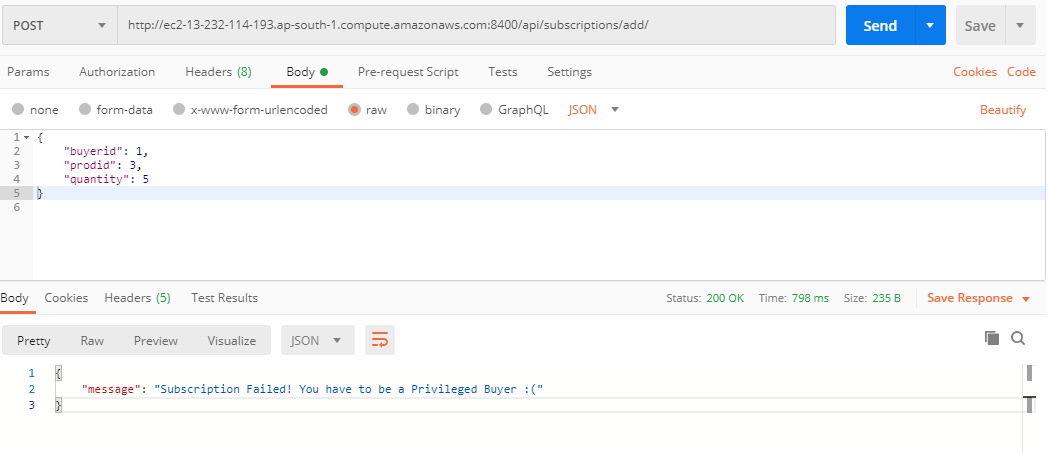
Product MS:

1.listing of products:

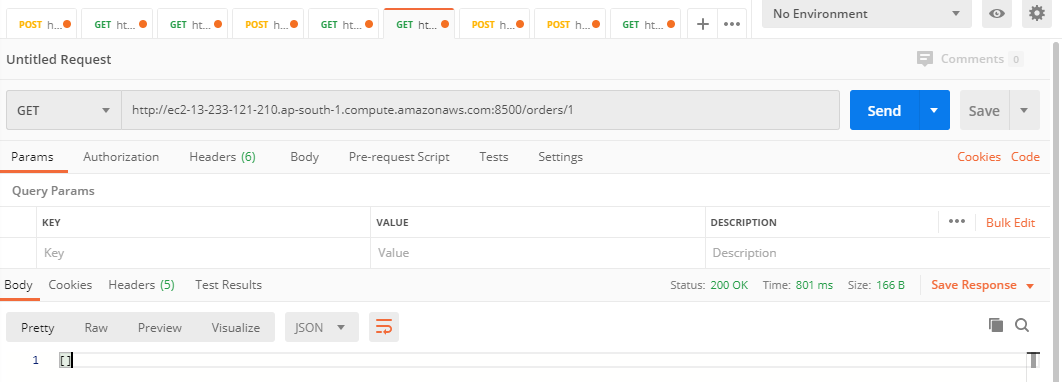


2.product integration with user

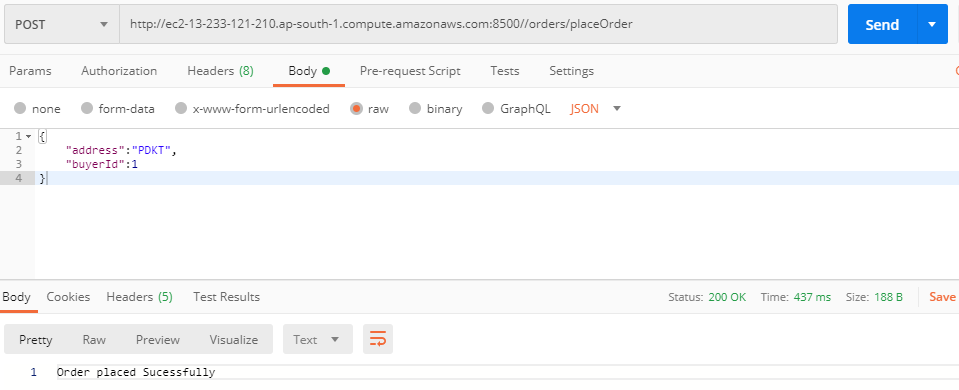




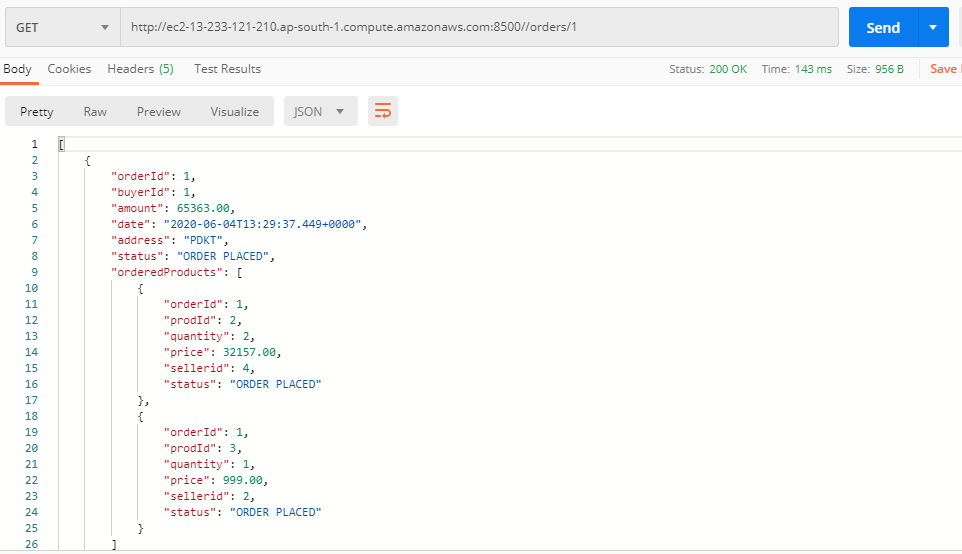
Order management :



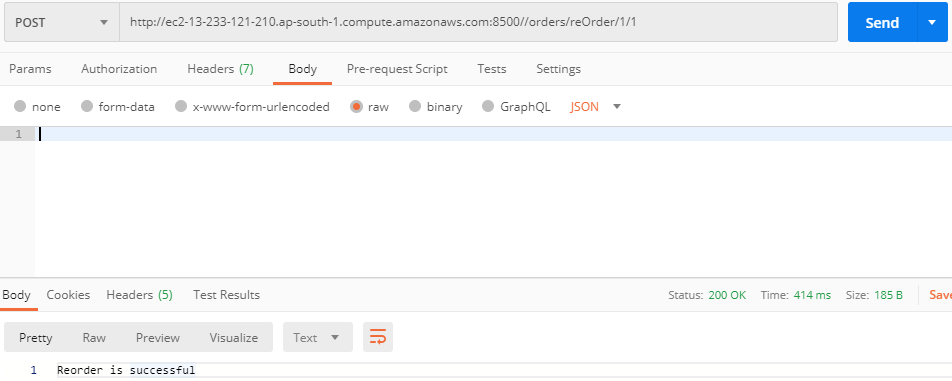
Placeorder :



Order details:



Reorder



That’s all 😊.