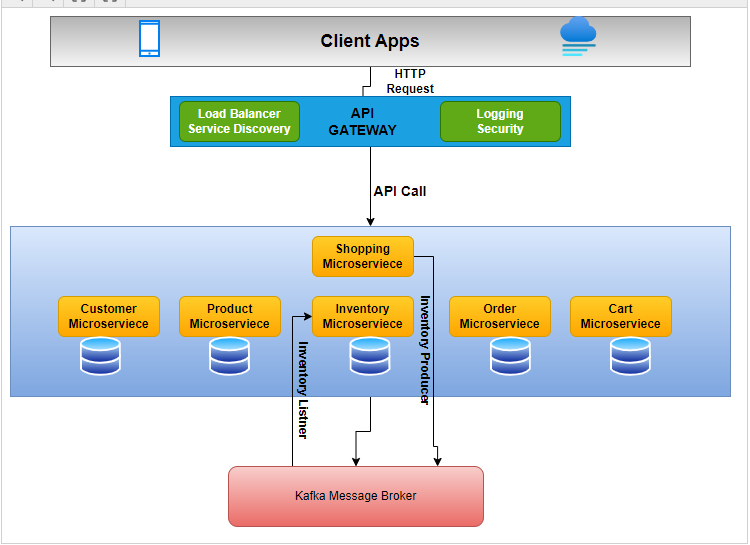
**Online Retail Store Application Details**

**HLD**

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**Application Configuration details**

**Customer - 7080**

**Product - 7081**

**cart - 7082**

**inventory - 7083**

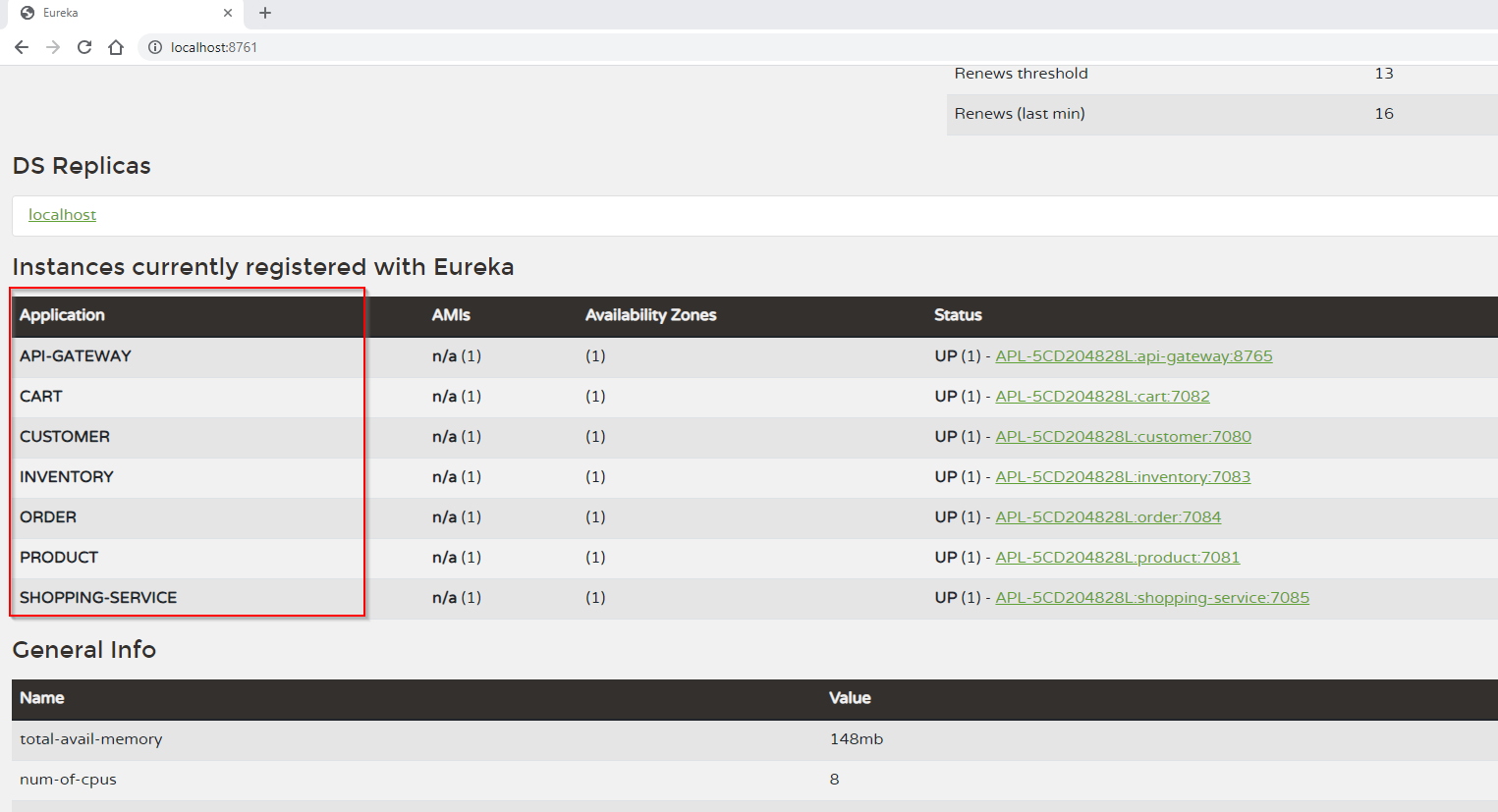
**order - 7084**

**shopping-service - 7085**

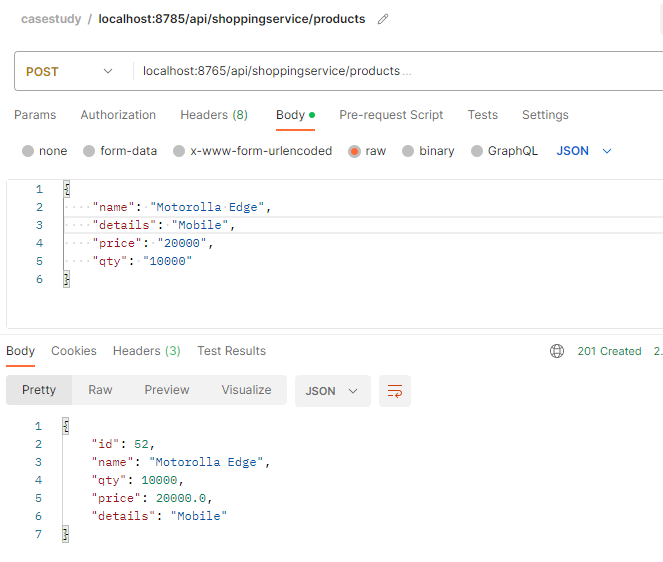
**Eureka Naming server-8761**

**Api Gateway – 8765**

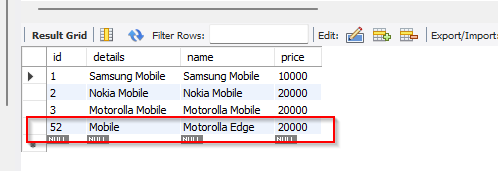
**All the Application are registered with Eureka Naming Server**

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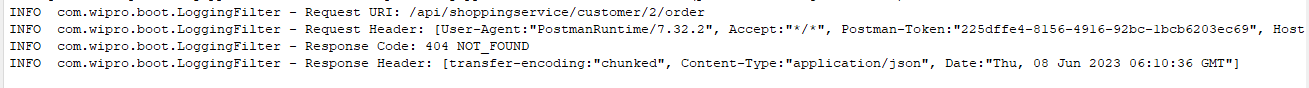
**(1) Create Product using ShoppingService**

****

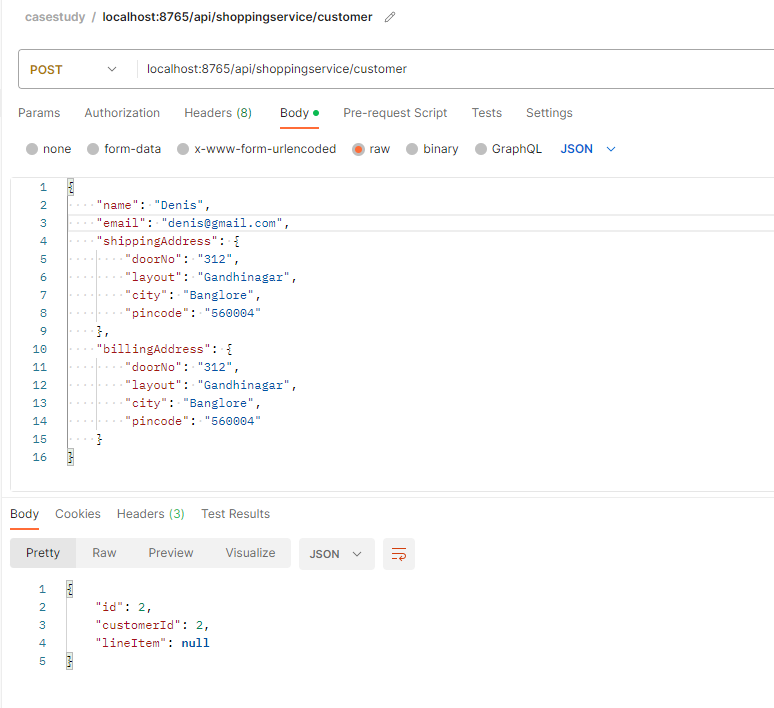
**Product in DB**

****

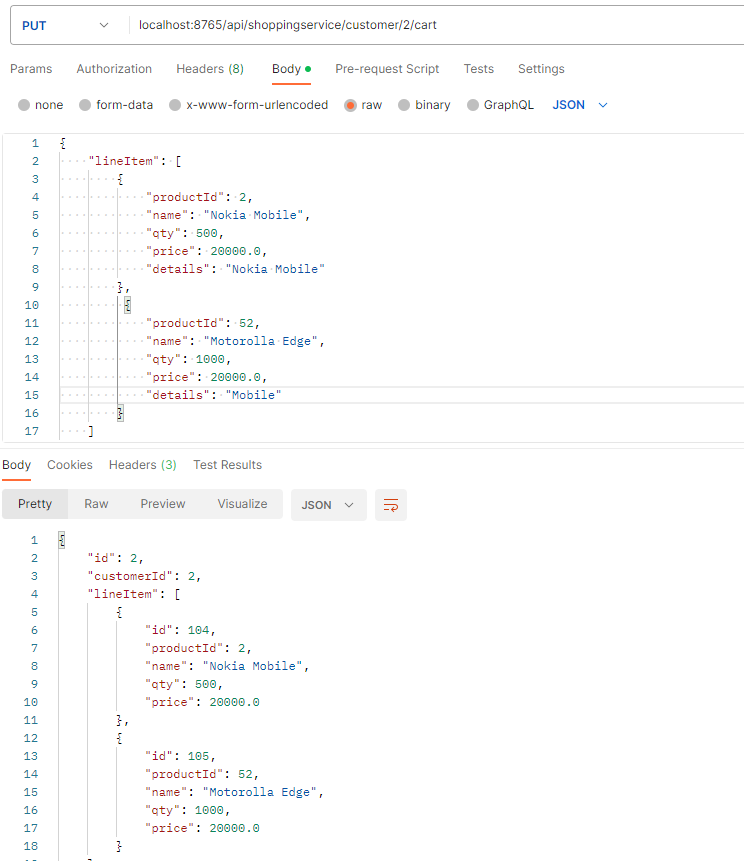
**Created Logging Filter in API Gateway to capture all the request called as part of cross cutting concern**

****

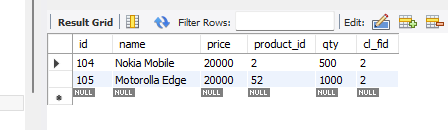
**(2) Create Customer using ShoppingService and return cartId and customerId**

****

**3)Updating cart items for customer 2**

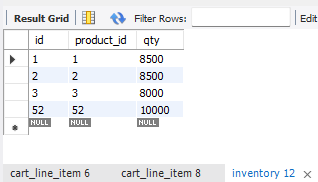
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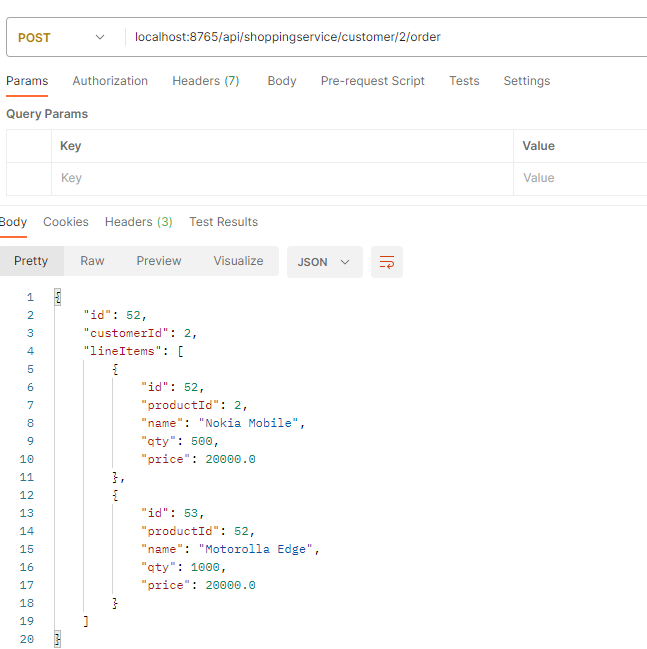
**DB Entry in Cart Line Item**

****

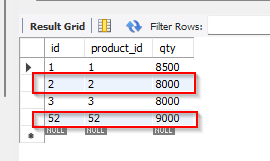
**4)Placing an Order for customerId – 2**

**Inventory count in DB before placing an order**

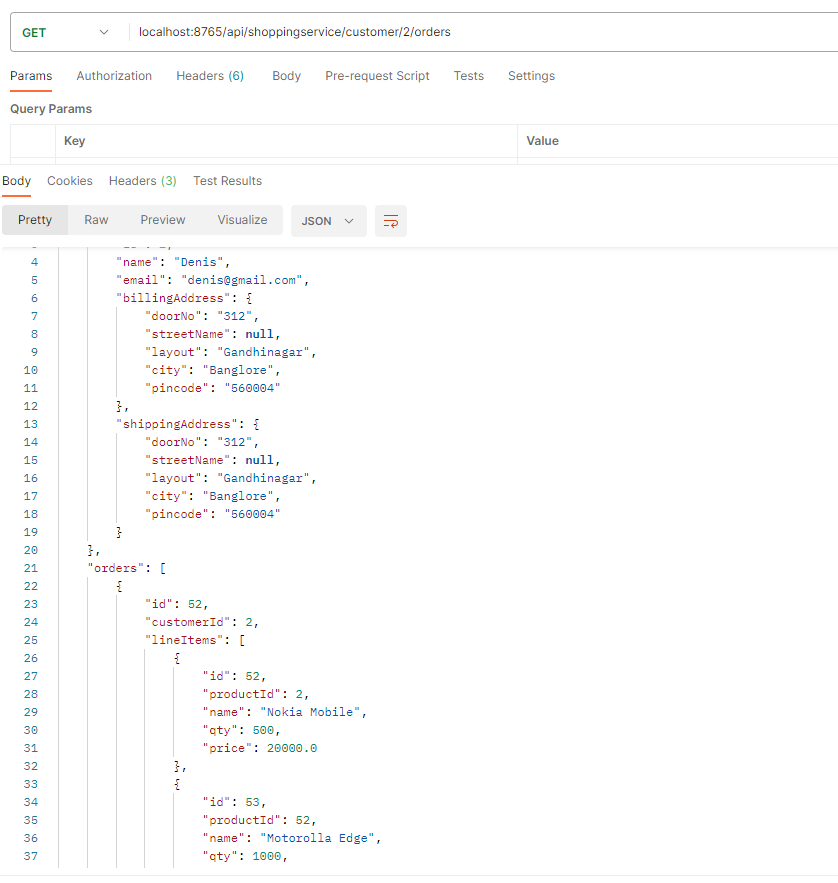
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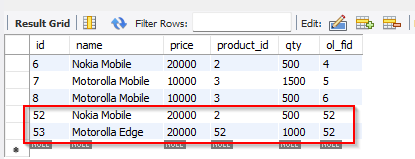
**Inventory count after placing an Order and its updated using Asynchronous listener created which is getting messages from Kafka message broker**

****

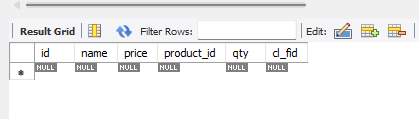
**5)Fetch order list for customer Id – 2**

****

**Oder Line Items for Customer Id -2 in DB**

****

**Data deleted in Cart Line Item**

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