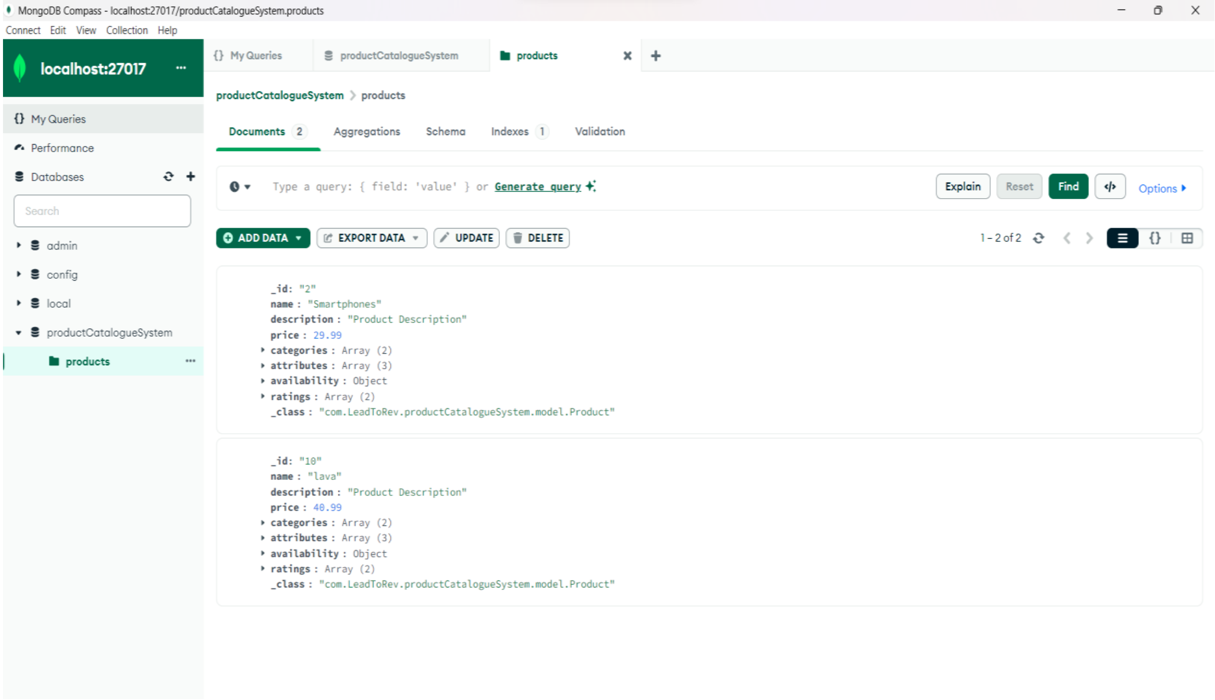
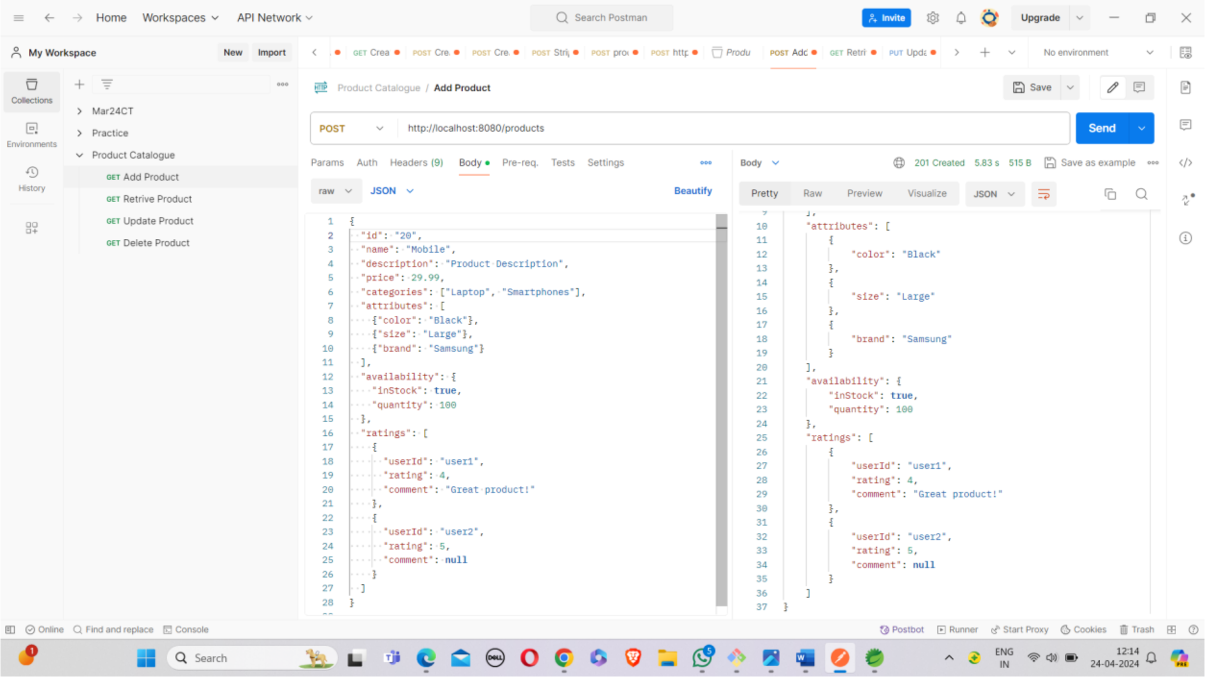
*MongoDB Response Structure :



```
_id: "2"
name : "Smartphones"
description : "Product Description"
price : 29.99
categories : Array (2)
attributes : Array (3)
availability : Object
ratings : Array (2)
_class : "com.LeadToRev.productCatalogueSystem.model.Product"
```

```
_id: "10"
name : "lava"
description : "Product Description"
price : 40.99
categories : Array (2)
attributes : Array (3)
availability : Object
ratings : Array (2)
_class : "com.LeadToRev.productCatalogueSystem.model.Product"
```

*Add Product :



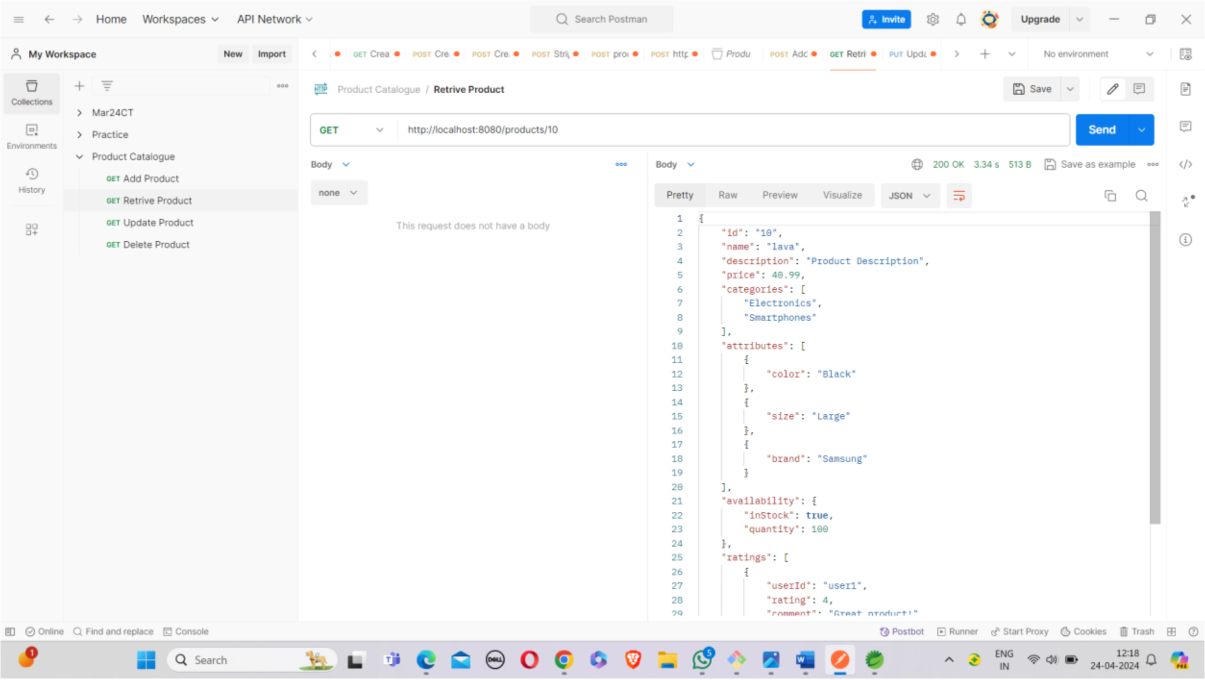
POST http://localhost:8080/products

```
{
  "id": "20",
  "name": "Mobile",
  "description": "Product Description",
  "price": 29.99,
  "categories": ["Laptop", "Smartphones"],
  "attributes": [
    {"color": "Black"},
    {"size": "Large"},
    {"brand": "Samsung"}
  ],
  "availability": {
    "inStock": true,
    "quantity": 100
  },
  "ratings": [
    {
      "userId": "user1",
      "rating": 4,
      "comment": "Great product!"
    },
    {
      "userId": "user2",
      "rating": 5,
      "comment": null
    }
  ]
}
```

201 Created 5.83 s 515 B

```
    "attributes": [
        {
            "color": "Black"
        },
        {
            "size": "Large"
        },
        {
            "brand": "Samsung"
        }
    ],
    "availability": {
        "inStock": true,
        "quantity": 100
    },
    "ratings": [
        {
            "userId": "user1",
            "rating": 4,
            "comment": "Great product!"
        },
        {
            "userId": "user2",
            "rating": 5,
            "comment": null
        }
    ]
}
```

*Retrive Product :



Product Catalogue / Retrive Product

GET http://localhost:8080/products/10

Body: none

This request does not have a body

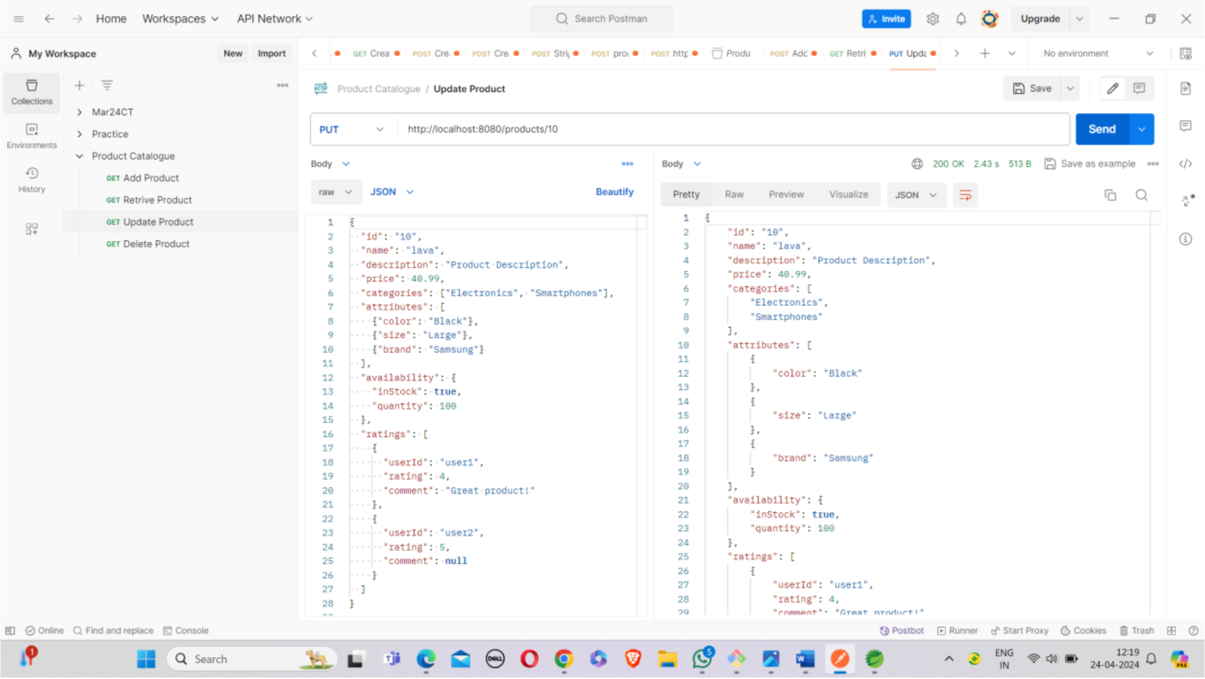
Body: 200 OK 3.34 s 513 B

JSON

```
{
    "id": "10",
    "name": "lava",
    "description": "Product Description",
    "price": 40.99,
    "categories": [
        "Electronics",
        "Smartphones"
    ],
    "attributes": [
        {
            "color": "Black"
        },
        {
            "size": "Large"
        },
        {
            "brand": "Samsung"
        }
    ],
    "availability": {
        "inStock": true,
        "quantity": 100
    },
    "ratings": [
        {
            "userId": "user1",
            "rating": 4,
            "comment": "Great product!"
```

12:18 24-04-2024

*Update Product :



Product Catalogue / Update Product

PUT http://localhost:8080/products/10

```
{
  "id": "10",
  "name": "lava",
  "description": "Product Description",
  "price": 40.99,
  "categories": ["Electronics", "Smartphones"],
  "attributes": [
    {"color": "Black"},
    {"size": "Large"},
    {"brand": "Samsung"}
  ],
  "availability": {
    "inStock": true,
    "quantity": 100
  },
  "ratings": [
    {
      "userId": "user1",
      "rating": 4,
      "comment": "Great product!"
    },
    {
      "userId": "user2",
      "rating": 5,
      "comment": null
    }
  ]
}
```

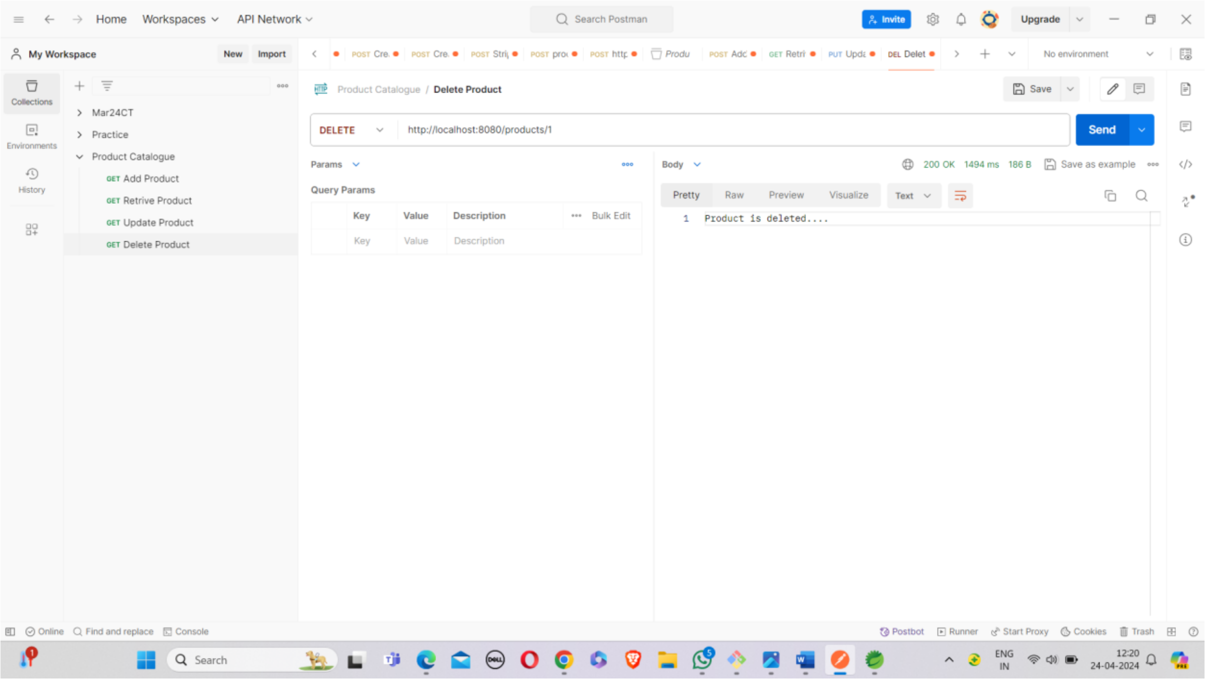
Body: 200 OK 2.43 s 513 B

JSON

```
{
    "id": "10",
    "name": "lava",
    "description": "Product Description",
    "price": 40.99,
    "categories": [
        "Electronics",
        "Smartphones"
    ],
    "attributes": [
        {
            "color": "Black"
        },
        {
            "size": "Large"
        },
        {
            "brand": "Samsung"
        }
    ],
    "availability": {
        "inStock": true,
        "quantity": 100
    },
    "ratings": [
        {
            "userId": "user1",
            "rating": 4,
            "comment": "Great product!"
```

12:19 24-04-2024

*Delete Product :



Product Catalogue / Delete Product

DELETE http://localhost:8080/products/1

Query Params

Key	Value	Description
Key	Value	Description

Body 200 OK 1494 ms 186 B

```
Product is deleted....
```