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Batch:2

Need to implement

1.RestController

2.ProductService

3.ProductDao with one custom query

3.Create ProductNotFoundException in com.verizon.exeption package

Perform All   1. void AddProduct(),

2.   List<Product> GetAllProducts(),

3.   Product GetProductById(Integer id) throws ProductNotFoundException

4. List<Product> GetAllProductsBetweenPrice(Integer low,Integer high);

5.   void UpdateProduct(Integer id,Product product)throws
ProductNotFoundException

6.   void DeleteProduct(Integer id)throws ProductNotFoundException

1. void AddProduct()

http://localhost:9999/product   Save

| POST ∨ | http://localhost:9999/product | Send ∨ |

Params   Authorization   Headers (8)   Body ●   Pre-request Script   Tests   Settings   Cookies

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   JSON ∨   Beautify

```
1  {
2      "product_id":1,
3      "product_name":"pencil",
4      "price":10
5  }
```

Body   Cookies   Headers (5)   Test Results   ⊕ Status: 200 OK   Time: 77 ms   Size: 181 B   Save Response ∨

Pretty   Raw   Preview   Visualize   Text ∨   ⇥

```
1  Added to database
```

2. List<Product> GetAllProducts(),

http://localhost:9999/product   Save

| GET ∨ | http://localhost:9999/product | Send ∨ |

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies

● none   ○ form-data   ○ x-www-form-urlencoded   ○ raw   ○ binary

This request does not have a body

Body   Cookies   Headers (5)   Test Results   ⊕ Status: 200 OK   Time: 10 ms   Size: 420 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨   ⇥

```
7      {
8          "product_name": "pencil",
9          "price": 10,
10          "product_id": 1
11     },
12     {
13          "product_name": "pen",
14          "price": 20,
15          "product_id": 2
16     },
17     {
18          "product_name": "book",
19          "price": 50,
20          "product_id": 3
21     },
22     {
23          "product_name": "crayons",
24          "price": 60,
25          "product_id": 4
```

3. Product GetProductById(Integer id) throws ProductNotFoundException

http://localhost:9999/product/2   💾 Save

| GET ∨ | http://localhost:9999/product/2 | Send ∨ |

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary

This request does not have a body

Body   Cookies   Headers (5)   Test Results   🌐 Status: 200 OK   Time: 14 ms   Size: 212 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

```
1  {
2      "product_name": "pen",
3      "price": 20,
4      "product_id": 2
5  }
```

4. List<Product> GetAllProductsBetweenPrice(Integer low,Integer high);

http://localhost:9999/product/price-range?low=49&high=61   💾 Save

| GET ∨ | http://localhost:9999/product/price-range?low=49&high=61 | Send ∨ |

Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary

This request does not have a body

Body   Cookies   Headers (5)   Test Results   🌐 Status: 200 OK   Time: 41 ms   Size: 268 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

```
1   [
2       {
3           "product_name": "book",
4           "price": 50,
5           "product_id": 3
6       },
7       {
8           "product_name": "crayons",
9           "price": 60,
10          "product_id": 4
11      }
12  ]
```

5.   void UpdateProduct(Integer id,Product product)throws ProductNotFoundException

http://localhost:9999/product/2   🖫 Save

| PUT ⌄ | http://localhost:9999/product/2 | Send ⌄ |

Params   Authorization   Headers (8)   Body ●   Pre-request Script   Tests   Settings   Cookies

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   JSON ⌄   Beautify

```
1  {
2      "product_id":2,
3      "product_name":"pen",
4      "price":30
5  }
```

Body   Cookies   Headers (5)   Test Results   ⊕ Status: 200 OK   Time: 24 ms   Size: 212 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇥

```
1  {
2      "product_name": "pen",
3      "price": 30,
4      "product_id": 2
5  }
```

http://localhost:9999/product   🖫 Save

| GET ⌄ | http://localhost:9999/product | Send ⌄ |

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings   Cookies

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary

This request does not have a body

Body   Cookies   Headers (5)   Test Results   ⊕ Status: 200 OK   Time: 12 ms   Size: 420 B   Save Response ⌄

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇥

```
7      {
8          "product_name": "pencil",
9          "price": 10,
10         "product_id": 1
11     },
12     {
13         "product_name": "pen",
14         "price": 30,
15         "product_id": 2
16     },
17     {
18         "product_name": "book",
19         "price": 50,
20         "product_id": 3
21     },
22     {
23         "product_name": "crayons",
24         "price": 60,
25         "product_id": 4
```

6. void DeleteProduct(Integer id)throws ProductNotFoundException

POST http://localhost:7777/ai | DEL http://localhost:9999/pro | POST http://localhost:7777/ai | POST http://localhost:7777/ai | + | ⚬⚬⚬

HTTP **http://localhost:9999/product/2** | 💾 Save

| DELETE ∨ | http://localhost:9999/product/2 | **Send** ∨ |

Params   Authorization   Headers (6)   Body   Pre-request Script   Tests   Settings | Cookies

🔴 none   ⚪ form-data   ⚪ x-www-form-urlencoded   ⚪ raw   ⚪ binary

This request does not have a body

Body   Cookies   Headers (5)   Test Results | 🌐 Status: 200 OK Time: 14 ms Size: 170 B | Save Response ∨

Pretty   Raw   Preview   Visualize   Text ∨

```
1   Deleted
```