

CHECKPOINT 01 – Microservices

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Os testes foram feitos usando o POSTMAN

TESTE GET – ok

The screenshot shows the Postman interface for a GET request to `http://localhost:3000/produtos/`. The request is configured with the method `GET` and the URL `http://localhost:3000/produtos/`. The `Body` tab is selected, showing a JSON payload:

```
1 [{"_id": "66e37ad30c67b8b9f950a9e6",
2   "titulo": "Camiseta11115",
3   "quantidade": 10,
4   "preco": 30}
5 ]
```

Below the request, the `Body` tab of the response is selected, showing the JSON response in a pretty-printed format:

```
1 {
2   "_id": "66e37ad30c67b8b9f950a9e6",
3   "titulo": "Camiseta11115",
4   "preco": 30,
5   "__v": 0,
6   "quantidade": 10
7 }
8
9
```

TESTE GET – 404

HTTP <http://localhost:3000/produtos/1>

GET <http://localhost:3000/produtos/1>

Params Authorization Headers (8) **Body** Pre-request Script

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary

```
1 {}
2 ... "titulo": "Camiseta11115",
3 ... "quantidade": 10,
4 ... "preco": 30
5 {}
```

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```
1 {}
2 "mensagem": "erro 404 - item não encontrado."
3 {}
```

TESTE UPDATE (PUT) – OK

HTTP <http://localhost:3000/produtos/66e37ad30c67b8b9f950a9e6>

PUT <http://localhost:3000/produtos/66e37ad30c67b8b9f950a9e6>

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

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary **JSON**

```
1 {}
2 ... "titulo": "Camiseta - TESTE PUT",
3 ... "quantidade": 10,
4 ... "preco": 30
5 {}
```

Body Cookies Headers (10) Test Results St

Pretty Raw Preview Visualize JSON

```
1 {}
2 "mensagem": "sucesso"
3 {}
```

HTTP <http://localhost:3000/produtos/>

GET <http://localhost:3000/produtos/>

Params Authorization Headers (8) **Body** Pre-request Script Tests

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary **JSON**

```
1 [
2   {
3     "titulo": "Camiseta - TESTE PUT",
4     "quantidade": 10,
5     "preco": 30
6   }
7 ]
```

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "_id": "66e37ad30c67b8b9f950a9e6",
4     "titulo": "Camiseta - TESTE PUT",
5     "preco": 30,
6     "__v": 0,
7     "quantidade": 10
8   },
9   {
10    ...
11  }
12 ]
```

TESTE UPDATE (PUT) – ERRO

HTTP <http://localhost:3000/produtos/222>

PUT <http://localhost:3000/produtos/222>

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

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary **JSON**

```
1 [
2   {
3     "titulo": "Camiseta - TESTE PUT",
4     "quantidade": 10,
5     "preco": 30
6   }
7 ]
```

Body Cookies Headers (10) Test Results Status: 500 Internal Server Error

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "mensagem": "Erro ao atualizar o produto."
4   }
5 ]
```

TESTE INSERÇÃO (POST) - ok

The screenshot shows a Postman interface for a POST request to `http://localhost:3000/produtos/`. The request body is a JSON object: `{ "titulo": "Camiseta - TESTE POST", "quantidade": 110, "preco": 330 }`. The response status is 201 Created, with a time of 19 ms and a size of 463 B. The response body is a JSON object: `{ "mensagem": "Criado com sucesso!" }`.

```
POST http://localhost:3000/produtos/

{
  "titulo": "Camiseta - TESTE POST",
  "quantidade": 110,
  "preco": 330
}
```

Status: 201 Created Time: 19 ms Size: 463 B

```
{
  "mensagem": "Criado com sucesso!"
}
```

TESTE POST – ERRO 404

The screenshot shows a Postman interface for a POST request to `http://localhost:3000/produtos/111`. The request body is a JSON object: `{ "titulo": "Camiseta - TESTE POST", "teste": "teste", "quantidade": 110, "preco": 330 }`. The response status is 404 Not Found. The response body is a JSON object: `{ "mensagem": "erro 404 - item não encontrado." }`.

```
POST http://localhost:3000/produtos/111

{
  "titulo": "Camiseta - TESTE POST",
  "teste": "teste",
  "quantidade": 110,
  "preco": 330
}
```

Status: 404 Not Found

```
{
  "mensagem": "erro 404 - item não encontrado."
}
```

DOCKER RODANDO:

mongo

[mongo.latest](#)

Running

[27017:27017](#)

mongo-express

[mongo-express:latest](#)

Exited (1)

8081:8081

```

{"name": "nodejs|Mongoose", "version": "6.7.0|8.5.3"}, {"platform": "Node.js v20.12.2, LE", "os": {"name": "win32", "architecture": "x64", "version": "10.0.19045", "type": "Windows_NT"}}}
2024-09-12 21:49:32 mongo | {"t":{"$date":"2024-09-13T00:49:32.434+00:00"},"s":
:I", "c":"NETWORK", "id":22943, "ctx":{"listener","msg":"Connection accepted","attr
":{"remote":"172.18.0.1:58528","uid":{"uid":{"$uid":"02e40a4f-3b36-45aa-8e0d-1112575
4aabf"}}},"connectionId":201,"connectionCount":10}}
2024-09-12 21:49:32 mongo | {"t":{"$date":"2024-09-13T00:49:32.435+00:00"},"s":
:I", "c":"NETWORK", "id":51800, "ctx":{"conn201","msg":"Client metadata","attr":{"r
emote":"172.18.0.1:58528"},"client":{"conn201"},"negotiatedCompressors":[],"doc":{"driver"
":{"name":"nodejs|Mongoose","version":"6.7.0|8.5.3"},"platform":"Node.js v20.12.2, LE",
os":{"name":"win32","architecture":"x64","version":"10.0.19045","type":"Windows_NT"}}}}
2024-09-12 21:49:32 mongo | {"t":{"$date":"2024-09-13T00:49:32.440+00:00"},"s":
:I", "c":"NETWORK", "id":6788700, "ctx":{"conn201","msg":"Received first command on t
ngress connection since session start or auth handshake","attr":{"elapsedMillis":5}}
2024-09-12 21:49:42 mongo | {"t":{"$date":"2024-09-13T00:49:42.931+00:00"},"s":
:I", "c":"NETWORK", "id":22943, "ctx":{"listener","msg":"Connection accepted","attr
":{"remote":"172.18.0.1:58532","uid":{"uid":{"$uid":"a3b507a2-c795-427c-91ee-2577fff6
2f031"}}},"connectionId":202,"connectionCount":11}}
2024-09-12 21:49:42 mongo | {"t":{"$date":"2024-09-13T00:49:42.932+00:00"},"s":
:I", "c":"NETWORK", "id":51800, "ctx":{"conn202","msg":"Client metadata","attr":{"r
emote":"172.18.0.1:58532"},"client":{"conn202"},"negotiatedCompressors":[],"doc":{"driver"
":{"name":"nodejs|Mongoose","version":"6.7.0|8.5.3"},"platform":"Node.js v20.12.2, LE",
os":{"name":"win32","architecture":"x64","version":"10.0.19045","type":"Windows_NT"}}}}
2024-09-12 21:49:54 mongo | {"t":{"$date":"2024-09-13T00:49:54.882+00:00"},"s":
:I", "c":"WiredTiger", "id":22430, "ctx":{"Checkpoint","msg":"WiredTiger message","a
ttr":{"message":{"ts_sec":1726188594,"ts_usec":882648,"thread":"1:0x7fe7e882f640"},"sess
ion_name":"WT_SESSION_checkpoint","category":"WT_VERB_CHECKPOINT_PROGRESS"},"category_id
":6,"verbose_level":"DEBUG_1","verbose_level_id":1,"msg":"saving checkpoint snapshot m
n: 294, snapshot max: 294 snapshot count: 0, oldest timestamp: (0, 0), meta checkpoint
timestamp: (0, 0) base write gen: 1"}}}

```

Banco criado:

The screenshot shows the Chrome DevTools Network tab. The top bar indicates a GET request to `http://localhost:3000/`. Below this, the selected resource is `http://localhost:3000/produtos/`. The request method is GET, and the URL is `http://localhost:3000/produtos/`. The response status is 200 OK, with a time of 36 ms and a size of 1.32 KB. The response body is displayed in JSON format, showing an array of three product objects:

```
[{"_id": "66e37ad30c67b8b9f950a9e6", "titulo": "Camiseta - TESTE PUT", "preco": 30, "__v": 0, "quantidade": 10}, {"_id": "66e37b7bb63b26d45e145f27b", "titulo": "Camiseta15", "quantidade": 10, "preco": 30, "__v": 0}, {"_id": "66e383a39610c93e54aa57cdb", "titulo": "Camiseta - TESTE POST", "quantidade": 110, "preco": 330, "__v": 0},
```