

## **DOCUMENTAÇÃO MICROSERVIÇO**

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# Teste Swagger

Esta documentação tem como objetivo fornecer uma visão geral e detalhes sobre os endpoints e a performance do Microserviço

## 1. Teste POST: http://localhost:5220/consumo

Curl

```
curl -X 'POST' \
  'http://localhost:5220/consumo' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 1,
    "titulo": "Consumo de energia",
    "quantidade_consumo": 150.75,
    "data_registro_consumo": "2024-11-21"
  }'
```

Request URL

http://localhost:5220/consumo

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{   "mensagem": "Criado com sucesso!" }</pre></div><div><div>Response headers</div><div><pre>content-type: application/json; charset=utf-8 date: Thu, 21 Nov 2024 23:24:25 GMT server: Kestrel transfer-encoding: chunked</pre></div></div></div>

Responses

Code	Description	Links
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## 2. Teste GET: Serviço executando corretamente (http://localhost:5220/health)

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:5220/health' \
  -H 'accept: */*' \
```

Request URL

http://localhost:5220/health

Server response

Code	Details
200	<div><div>Response body</div><div>Serviço executando corretamente!</div><div><div>Response headers</div><div><pre>content-type: text/plain; charset=utf-8 date: Thu, 21 Nov 2024 23:32:59 GMT server: Kestrel transfer-encoding: chunked</pre></div></div></div>

Responses

Code	Description	Links
200	Success	No links

### 3. Teste GET: Atributos

Responses

Curl

```
curl -X 'GET' \
  "http://localhost:5228/consumo" \
  -H 'accept: */*'
```

Request URL

http://localhost:5228/consumo

Server response

Code

Details

200

Response body

```
{
  "id": 1,
  "titulo": "Consumo de energia",
  "quantidade_consumo": 150.75,
  "data_registro_consumo": "2024-11-21"
},
{
  "id": 0,
  "titulo": "string",
  "quantidade_consumo": 0,
  "data_registro_consumo": "string"
}
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 21 Nov 2024 23:42:40 GMT
server: Kestrel
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	Success	No links

### 4. Teste Unitário

ConsumoRepositoryTests.cs

HealthController.cs

Program.cs

ConsumoRepository.cs

ConsumoController.cs

Test Explorer

Test run finished: 1 Tests (1 Passed, 0 Failed, 0 Skipped) run in 238 ms

0 Warnings 0 Errors

Test	Duration	Traits	Error Message
Test (1)	117 ms		
web_app_tests (1)	117 ms		
ConsumoRepositoryTests (1)	117 ms		
SalvarConsumo_DeveInserirCon...	117 ms		

Test Detail Summary

web\_app\_tests.Consu

Source: Consumo/

Duration: 117 ms

Output