

Microservice and Web Engineering

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<https://github.com/joaotuneli56/energia-monitor.git>

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Evidências de Funcionamento

Evidências de erro (404,401)

- GET

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** /api/Monitor/consumo
- Parameters:** No parameters
- Execute:** Button to execute the request
- Clear:** Button to clear the request
- Responses:**
 - Code:** 404
 - Description:** Error: Not Found
 - Response body:** Nenhum dado encontrado.
 - Response headers:**
 - content-type: text/plain; charset=utf-8
 - date: Fri, 22 Nov 2024 17:56:41 GMT
 - server: Kestrel
 - transfer-encoding: chunked
- Responses Table:**

Code	Description	Links
200	Success	No links

- POST

The screenshot shows a REST client interface with the following details:

- Method:** POST
- URL:** /api/Monitor/consumo
- Request Body:** A JSON object with fields: id, datahora, consumoMWh, and local.
- Request URL:** http://localhost:5178/api/Monitor/consumo
- Server response:**
 - Code:** 400
 - Description:** Error: Bad Request
 - Response body:** Dados de consumo inválidos.
 - Response headers:**
 - content-type: text/plain; charset=utf-8
 - date: Fri, 22 Nov 2024 17:56:50 GMT
 - server: Kestrel
 - transfer-encoding: chunked

Requisições funcionando

- GET

GET /api/Monitor/consumo

Parameters

Cancel

No parameters

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:5178/api/Monitor/consumo' \
-H 'accept: */*'

```

Request URL

```
http://localhost:5178/api/Monitor/consumo

```

Server response

CodeDetails

200

Response body

```
{
  "source": "database",
  "data": [
    {
      "id": "string",
      "datahora": "2024-11-22T18:54:36.567Z",
      "consumokwh": 1,
      "local": "string"
    }
  ]
}

```

Download

Response headers

```
content-type: application/json; charset=utf-8
date: Fri, 22 Nov 2024 18:56:22 GMT
server: Kestrel
transfer-encoding: chunked

```

- POST

Responses

Curl

```
curl -X 'POST' \
'http://localhost:5178/api/Monitor/consumo' \
-H 'accept: */*' \
-H 'Content-Type: application/json' \
-d '{
  "id": "string",
  "datahora": "2024-11-22T18:54:36.567Z",
  "consumokwh": 1,
  "local": "string"
}'

```

Request URL

```
http://localhost:5178/api/Monitor/consumo

```

Server response

CodeDetails

201

Undocumented

Response body

```
{
  "id": "string",
  "datahora": "2024-11-22T18:54:36.567Z",
  "consumokwh": 1,
  "local": "string"
}

```

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Response headers

```
content-type: application/json; charset=utf-8
date: Fri, 22 Nov 2024 18:54:41 GMT
location:
server: Kestrel
transfer-encoding: chunked

```

- **Serviço Operacional(Health)**

GET /api/Monitor/health

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:5178/api/Monitor/health' \
-H 'accept: */*'
```

Request URL

http://localhost:5178/api/Monitor/health

Server response

Code	Details
200	<div><div>Response body<div><pre>{ "status": "Healthy", "timestamp": "2024-11-22T17:59:45.1227384Z" }</pre></div><div>Download</div></div><div>Response headers<div>content-type: application/json; charset=utf-8 date: Fri, 22 Nov 2024 17:59:44 GMT server: Kestrel transfer-encoding: chunked</div></div></div>

Responses

Code	Description	Links
200	Success	No links