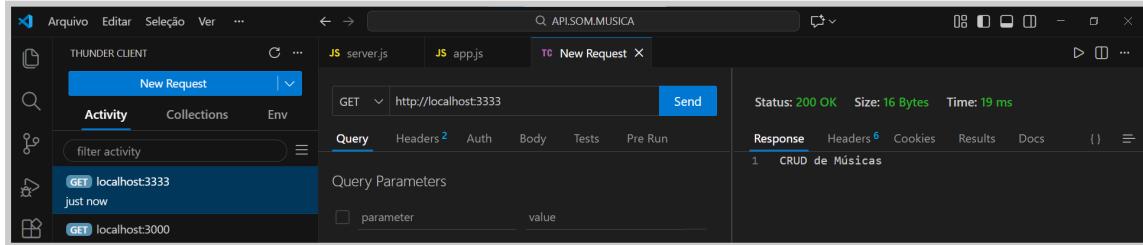


# PROGRAMAÇÃO BACK-END - DETS-I-1B-25CT/S

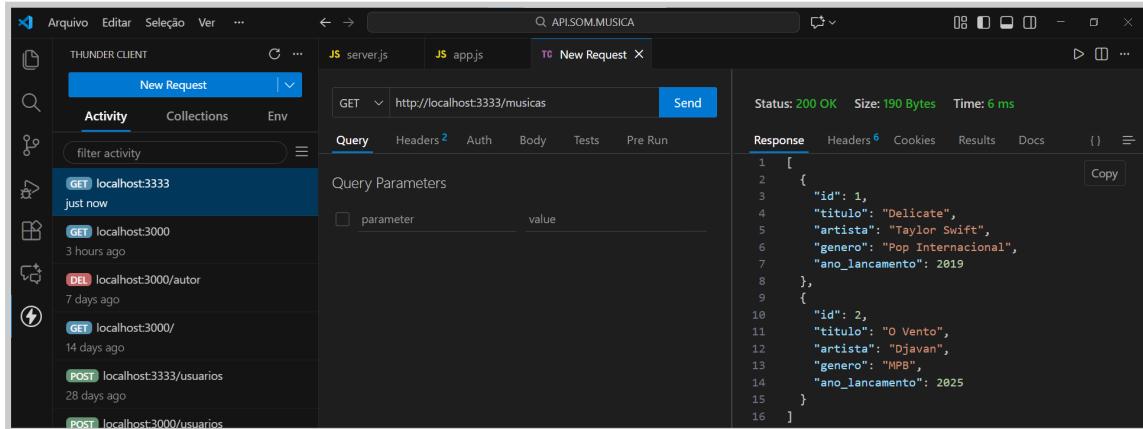
HELOÍSA GABRIELLY PAIXÃO – Nº09 – 2º ano B

- Método GET:



The screenshot shows the Thunder Client interface. In the top bar, it says "Arquivo Editar Seleção Ver ...". The title bar reads "APISOM.MUSICA". The main area has tabs for "JS server.js" and "JS app.js", with "New Request" selected. A "Send" button is visible. Below this, a "Query" tab is selected, showing a "GET" request to "http://localhost:3333". The status bar at the bottom indicates "Status: 200 OK Size: 16 Bytes Time: 19 ms". The "Response" tab shows the JSON output: "1 CRUD de Músicas".

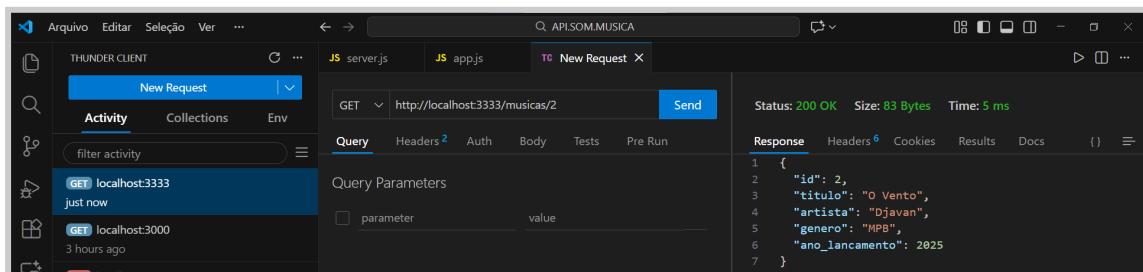
- Método GET com Endpoint - para listar todas as músicas:



The screenshot shows the Thunder Client interface. In the top bar, it says "Arquivo Editar Seleção Ver ...". The title bar reads "APISOM.MUSICA". The main area has tabs for "JS server.js" and "JS app.js", with "New Request" selected. A "Send" button is visible. Below this, a "Query" tab is selected, showing a "GET" request to "http://localhost:3333/musicas". The status bar at the bottom indicates "Status: 200 OK Size: 190 Bytes Time: 6 ms". The "Response" tab shows the JSON output, which is a list of music tracks.

```
1 [
2   {
3     "id": 1,
4     "titulo": "Delicate",
5     "artista": "Taylor Swift",
6     "genero": "Pop Internacional",
7     "ano_lancamento": 2019
8   },
9   {
10    "id": 2,
11    "titulo": "O Vento",
12    "artista": "Djavan",
13    "genero": "MPB",
14    "ano_lancamento": 2025
15  }
16 ]
```

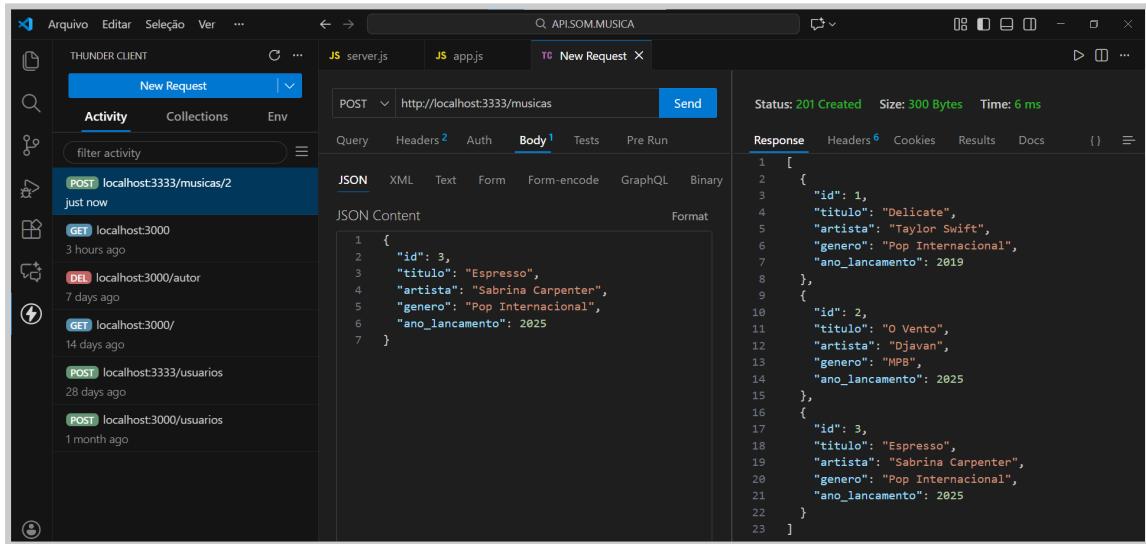
- Método GET com Path Parameter - para listar uma música específica:



The screenshot shows the Thunder Client interface. In the top bar, it says "Arquivo Editar Seleção Ver ...". The title bar reads "APISOM.MUSICA". The main area has tabs for "JS server.js" and "JS app.js", with "New Request" selected. A "Send" button is visible. Below this, a "Query" tab is selected, showing a "GET" request to "http://localhost:3333/musicas/2". The status bar at the bottom indicates "Status: 200 OK Size: 83 Bytes Time: 5 ms". The "Response" tab shows the JSON output for a specific track.

```
1 {
2   "id": 2,
3   "titulo": "O Vento",
4   "artista": "Djavan",
5   "genero": "MPB",
6   "ano_lancamento": 2025
7 }
```

- Método POST - para criar uma nova música no array:



The screenshot shows the Thunder Client interface. In the top bar, it says "APILOM.MUSICA". The main area has tabs for "JS server.js", "JS app.js", and "New Request". The "New Request" tab is active, showing a "POST" method and the URL "http://localhost:3333/musicas". Below this, there are tabs for "Query", "Headers", "Auth", "Body", "Tests", and "Pre Run". The "Body" tab is selected and contains the following JSON content:

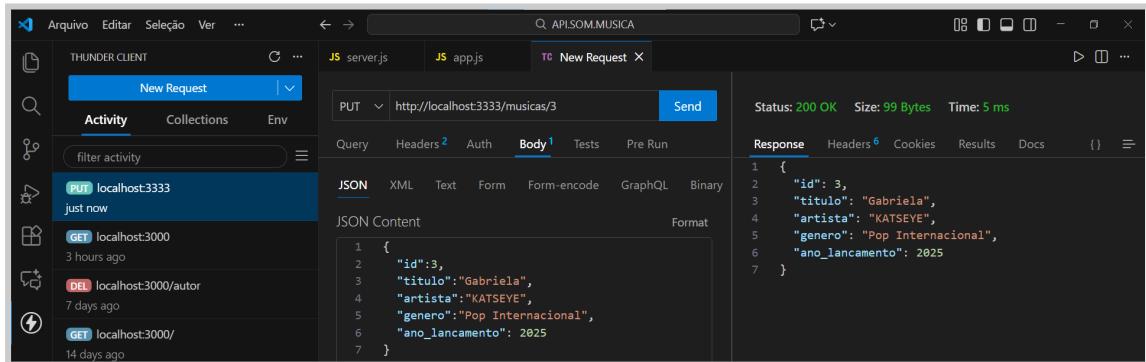
```

1  [
2    {
3      "id": 1,
4      "titulo": "Delicate",
5      "artista": "Taylor Swift",
6      "genero": "Pop Internacional",
7      "ano_lancamento": 2019
8    },
9    {
10      "id": 2,
11      "titulo": "O Vento",
12      "artista": "Djavan",
13      "genero": "MPB",
14      "ano_lancamento": 2025
15    },
16    {
17      "id": 3,
18      "titulo": "Espresso",
19      "artista": "Sabrina Carpenter",
20      "genero": "Pop Internacional",
21      "ano_lancamento": 2025
22    }
23 ]

```

The status bar at the bottom indicates "Status: 201 Created Size: 300 Bytes Time: 6 ms".

- Método PUT - para atualizar uma música:



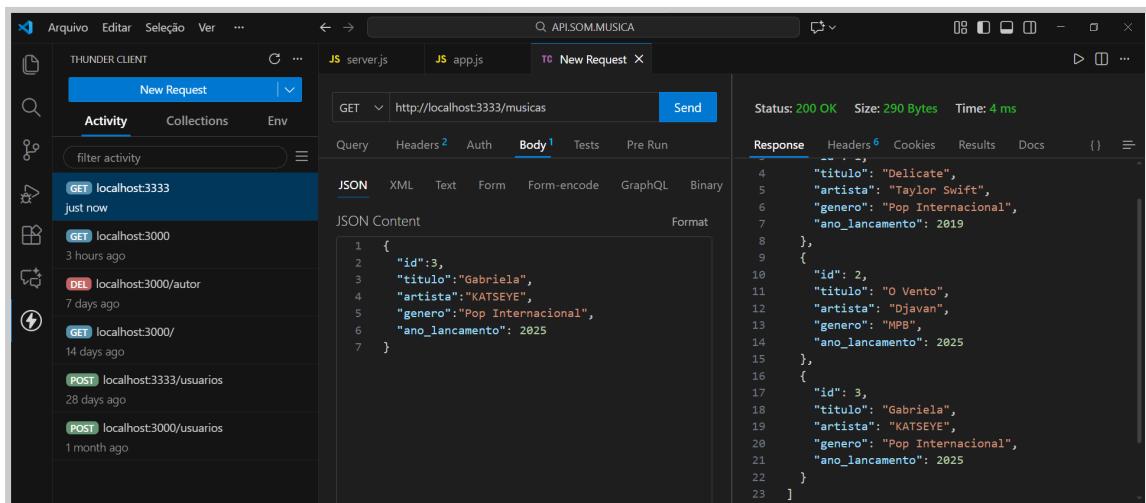
The screenshot shows the Thunder Client interface. In the top bar, it says "APILOM.MUSICA". The main area has tabs for "JS server.js", "JS app.js", and "New Request". The "New Request" tab is active, showing a "PUT" method and the URL "http://localhost:3333/musicas/3". Below this, there are tabs for "Query", "Headers", "Auth", "Body", "Tests", and "Pre Run". The "Body" tab is selected and contains the following JSON content:

```

1  {
2    "id": 3,
3    "titulo": "Gabriela",
4    "artista": "KATSEYE",
5    "genero": "Pop Internacional",
6    "ano_lancamento": 2025
7  }

```

The status bar at the bottom indicates "Status: 200 OK Size: 99 Bytes Time: 5 ms".



The screenshot shows the Thunder Client interface. In the top bar, it says "APILOM.MUSICA". The main area has tabs for "JS server.js", "JS app.js", and "New Request". The "New Request" tab is active, showing a "GET" method and the URL "http://localhost:3333/musicas". Below this, there are tabs for "Query", "Headers", "Auth", "Body", "Tests", and "Pre Run". The "Body" tab is selected and contains the following JSON content:

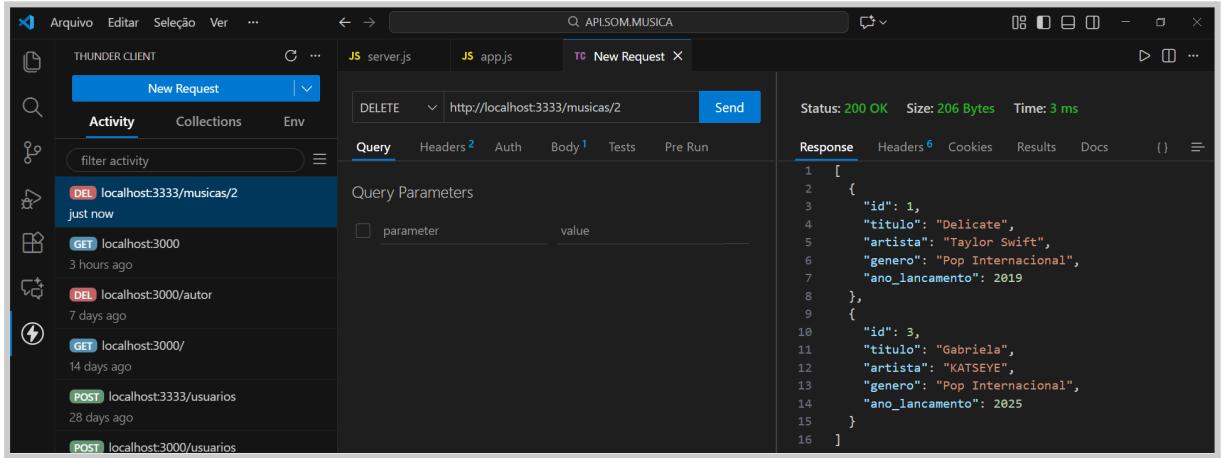
```

1  [
2    {
3      "id": 1,
4      "titulo": "Delicate",
5      "artista": "Taylor Swift",
6      "genero": "Pop Internacional",
7      "ano_lancamento": 2019
8    },
9    {
10      "id": 2,
11      "titulo": "O Vento",
12      "artista": "Djavan",
13      "genero": "MPB",
14      "ano_lancamento": 2025
15    },
16    {
17      "id": 3,
18      "titulo": "Gabriela",
19      "artista": "KATSEYE",
20      "genero": "Pop Internacional",
21      "ano_lancamento": 2025
22    }
23 ]

```

The status bar at the bottom indicates "Status: 200 OK Size: 290 Bytes Time: 4 ms".

- Método **DELETE** - para excluir uma música:



The screenshot shows the Thunder Client interface. On the left, there's a sidebar with 'Activity' selected, showing a list of recent requests. One request is highlighted: 'DELETE localhost:3333/musicas/2 just now'. The main area shows a 'New Request' dialog with 'DELETE' selected, the URL 'http://localhost:3333/musicas/2', and a 'Send' button. Below this, the 'Query' tab is active, showing 'Query Parameters' and a table for setting parameters. To the right, the response is displayed with status '200 OK', size '206 Bytes', and time '3 ms'. The response body is a JSON array containing two objects representing songs.

```
1 [  
2 {  
3   "id": 1,  
4   "titulo": "Delicate",  
5   "artista": "Taylor Swift",  
6   "genero": "Pop Internacional",  
7   "ano_lancamento": 2019  
8 },  
9 {  
10   "id": 3,  
11   "titulo": "Gabriela",  
12   "artista": "KATSEYE",  
13   "genero": "Pop Internacional",  
14   "ano_lancamento": 2025  
15 }  
16 ]
```