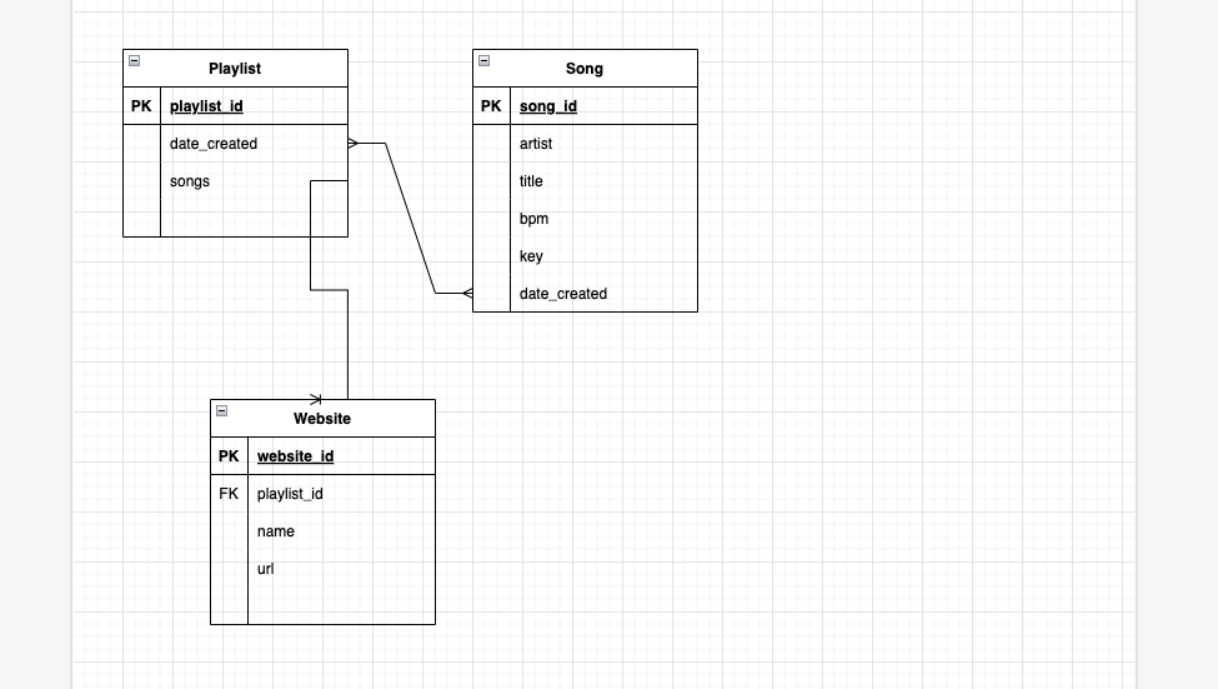
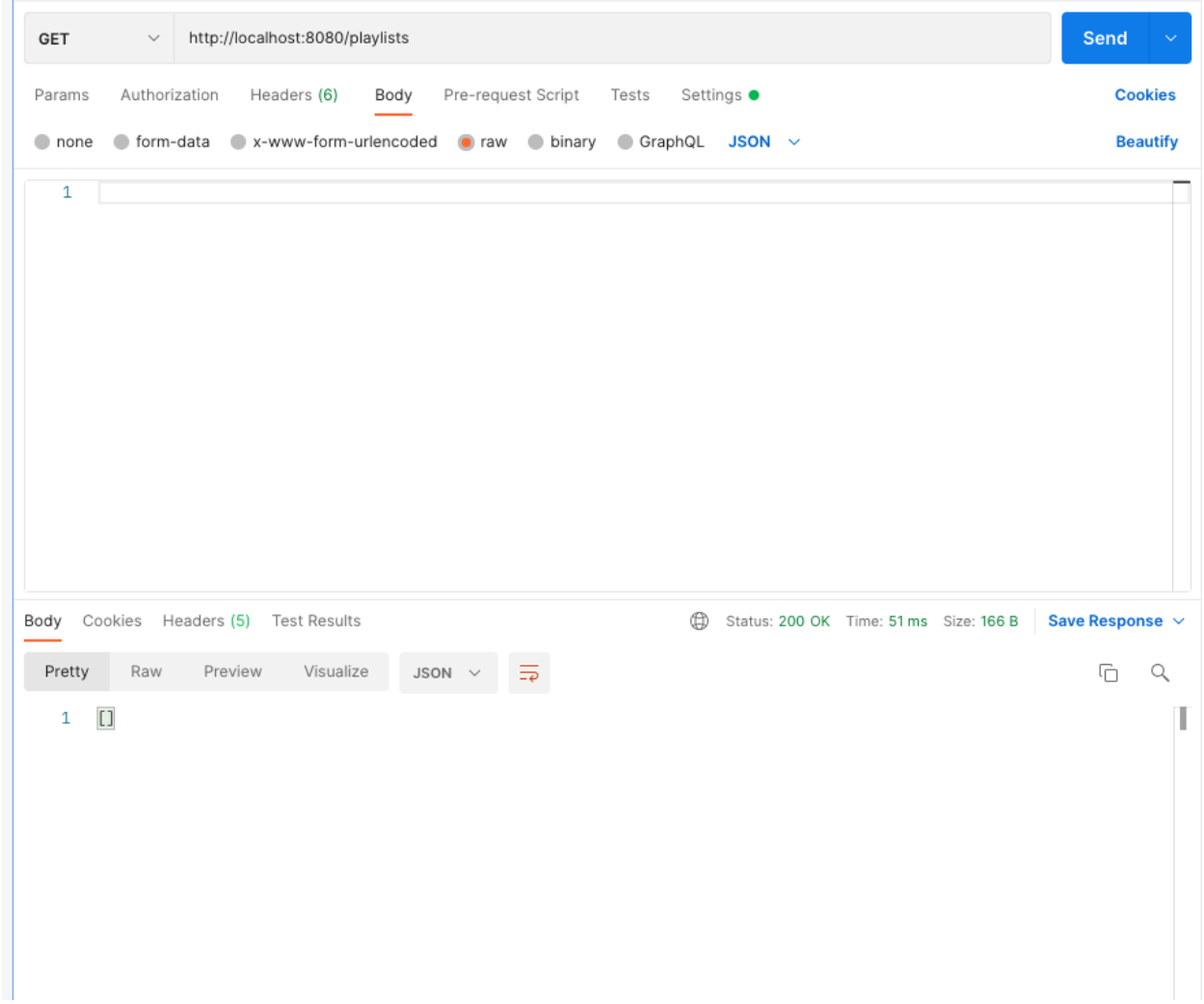
# Week 6 Final Project

GitHub URL: https://github.com/Rowan-Bear/Final_Project




Playlist CRUD Operations


GET
http://localhost:8080/playlists
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
1
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 51 ms
Size: 166 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
1
[]

PUT http://localhost:8080/websites/4 Send

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

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
{
    "name": "MyWebsite2.0",
    "url": "www.mywebsite_2.0.com",
    "id": 4,
    "playlist": []
}
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 46 ms Size: 238 B Save Response

Pretty Raw Preview Visualize JSON

```
{
    "name": "MyWebsite2.0",
    "url": "www.mywebsite_2.0.com",
    "id": 4,
    "playlist": []
}
```

GET http://localhost:8080/websites Send

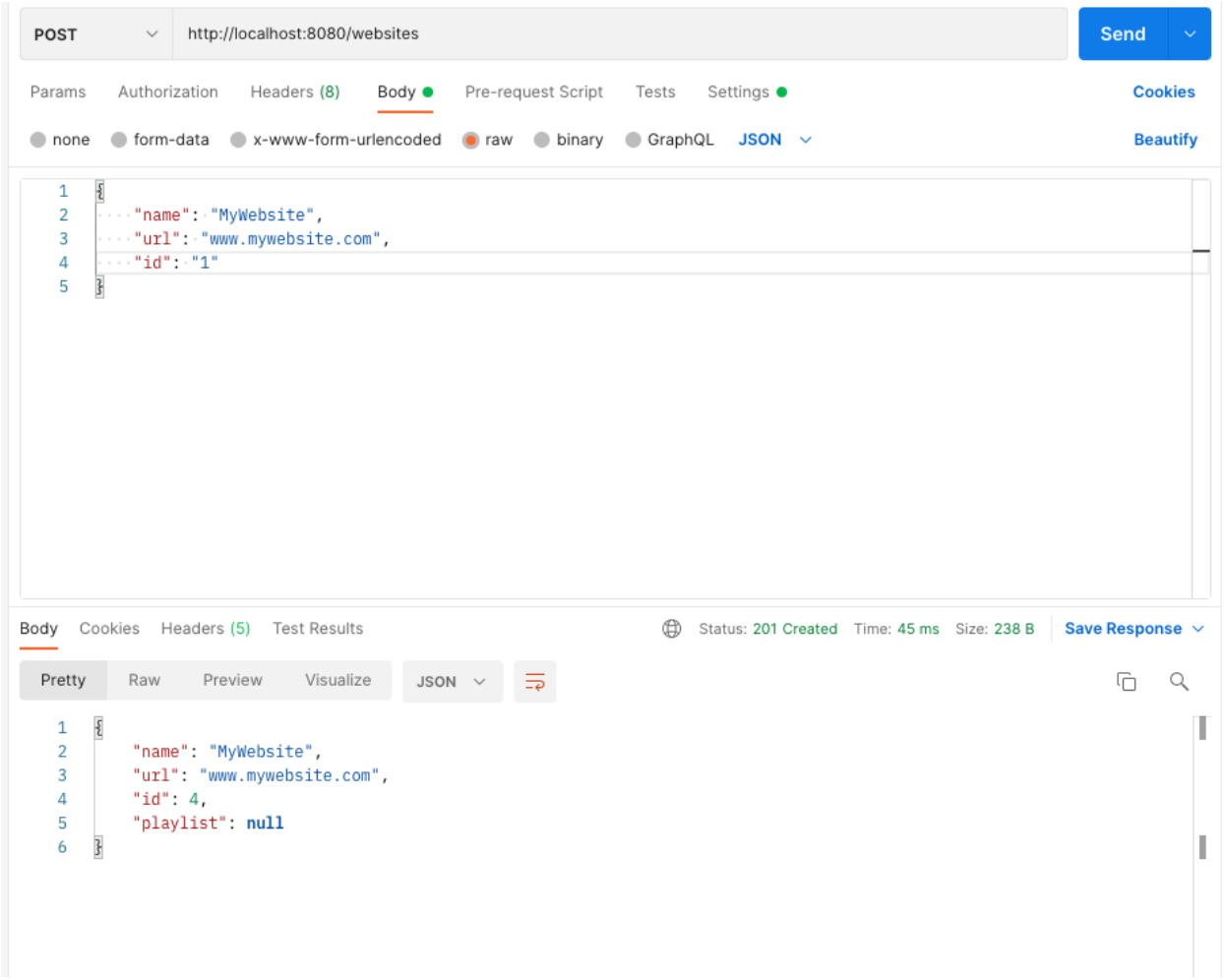
Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

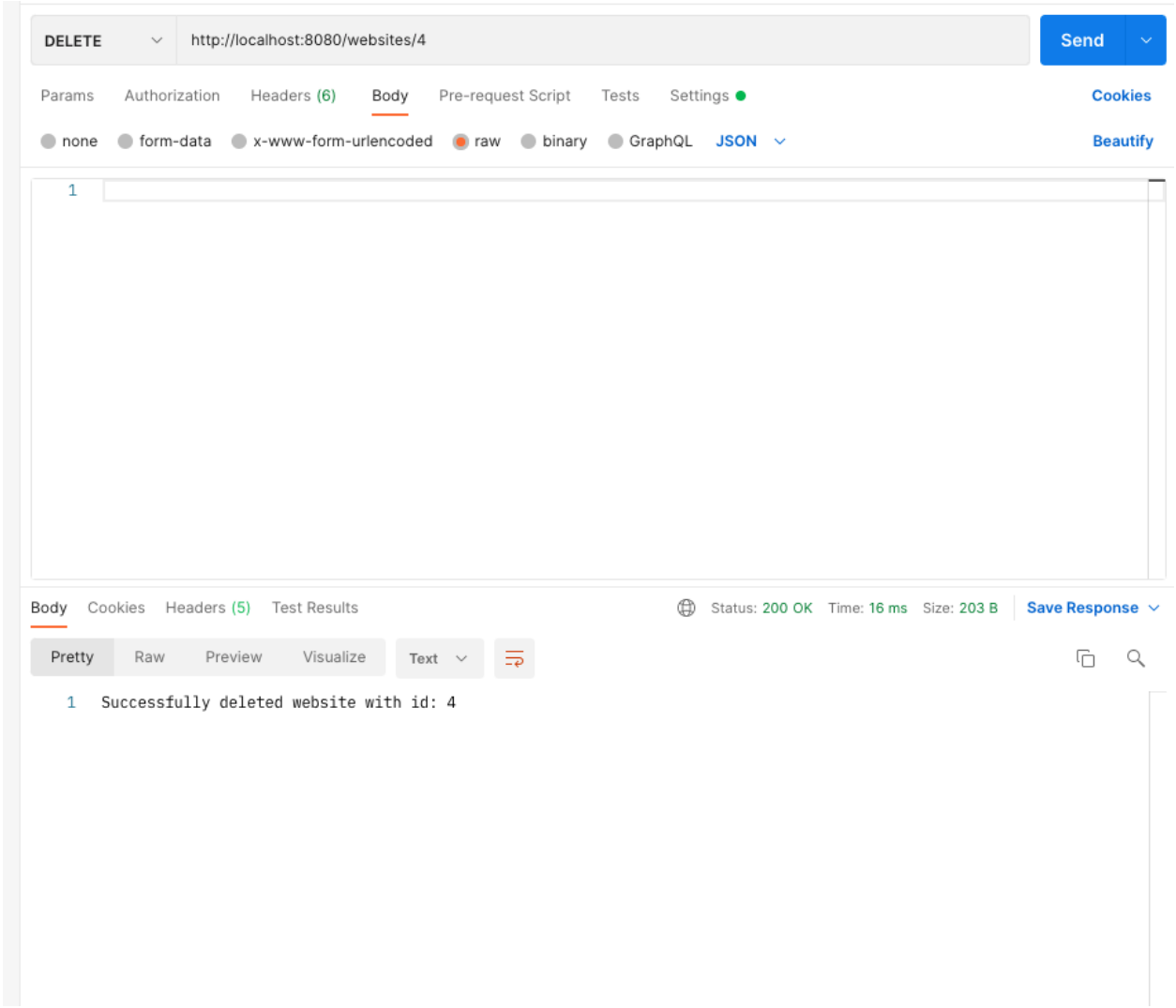
Body Cookies Headers (5) Test Results Status: 200 OK Time: 38 ms Size: 166 B Save Response

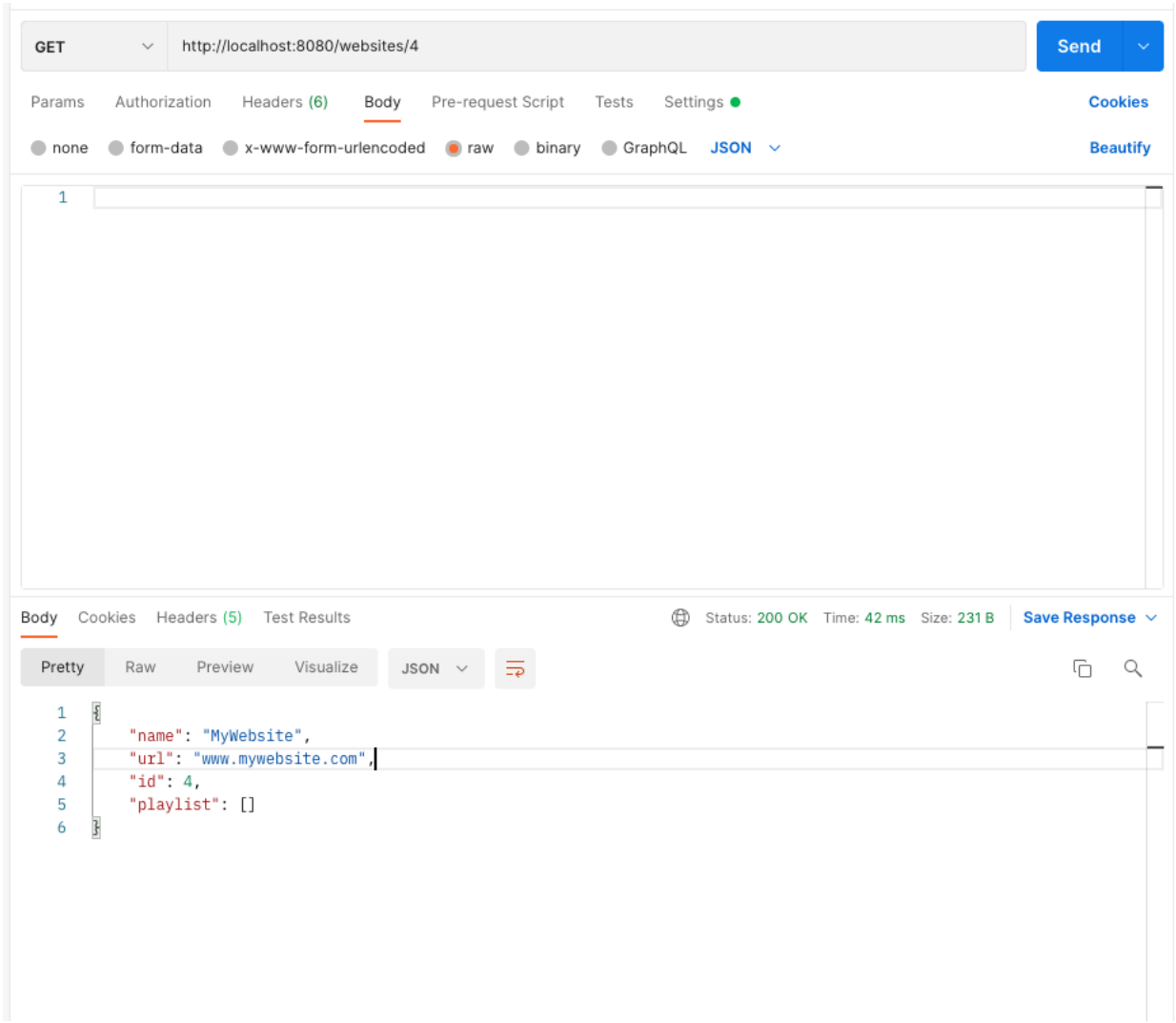
Pretty Raw Preview Visualize JSON

```
[]
```

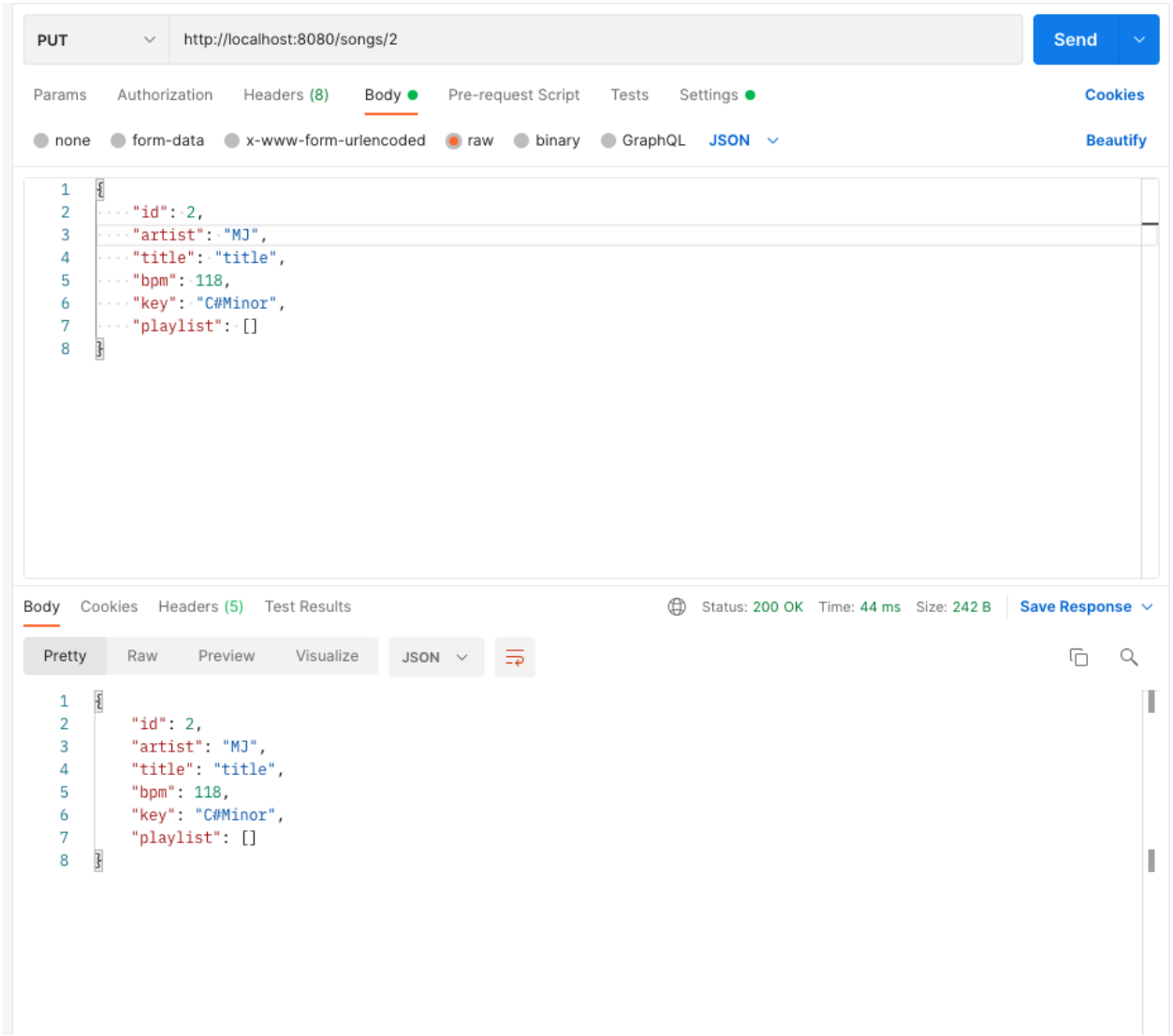

POST
http://localhost:8080/websites
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"name": "MyWebsite",
"url": "www.mywebsite.com",
"id": "1"
}
Body
Cookies
Headers (5)
Test Results
Status: 201 Created
Time: 45 ms
Size: 238 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"name": "MyWebsite",
"url": "www.mywebsite.com",
"id": 4,
"playlist": null
}

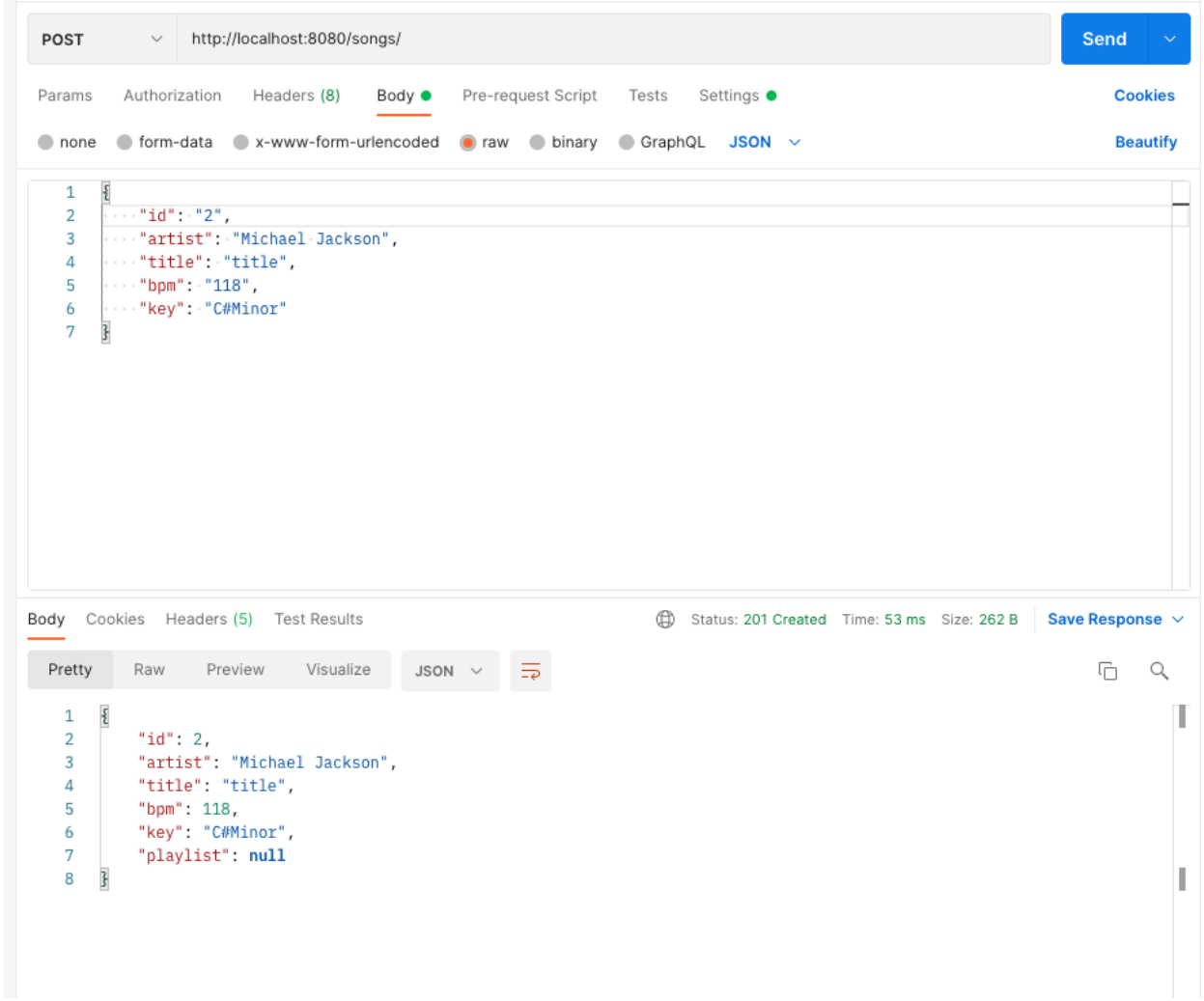
Website CRUD Operations

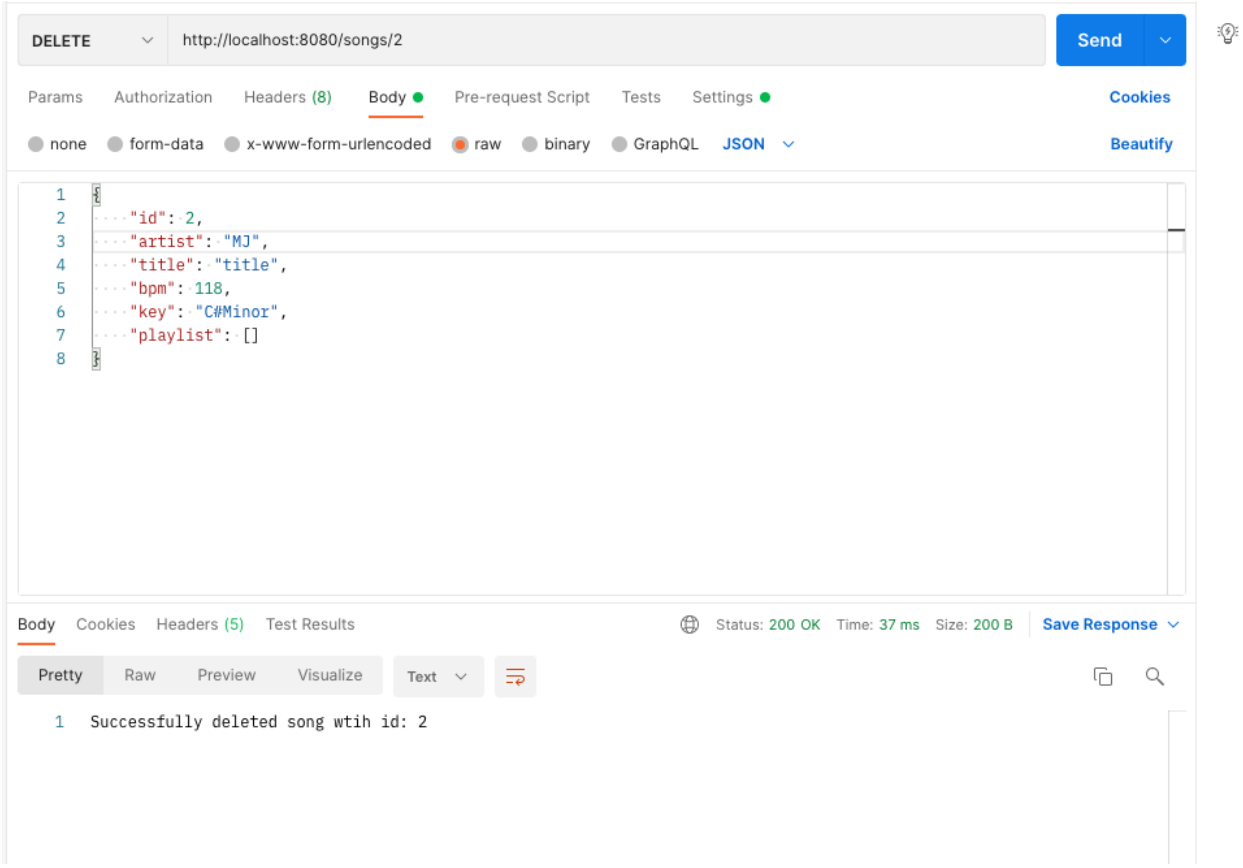

DELETE
http://localhost:8080/websites/4
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
1
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 16 ms
Size: 203 B
Save Response
Pretty
Raw
Preview
Visualize
Text
1 Successfully deleted website with id: 4

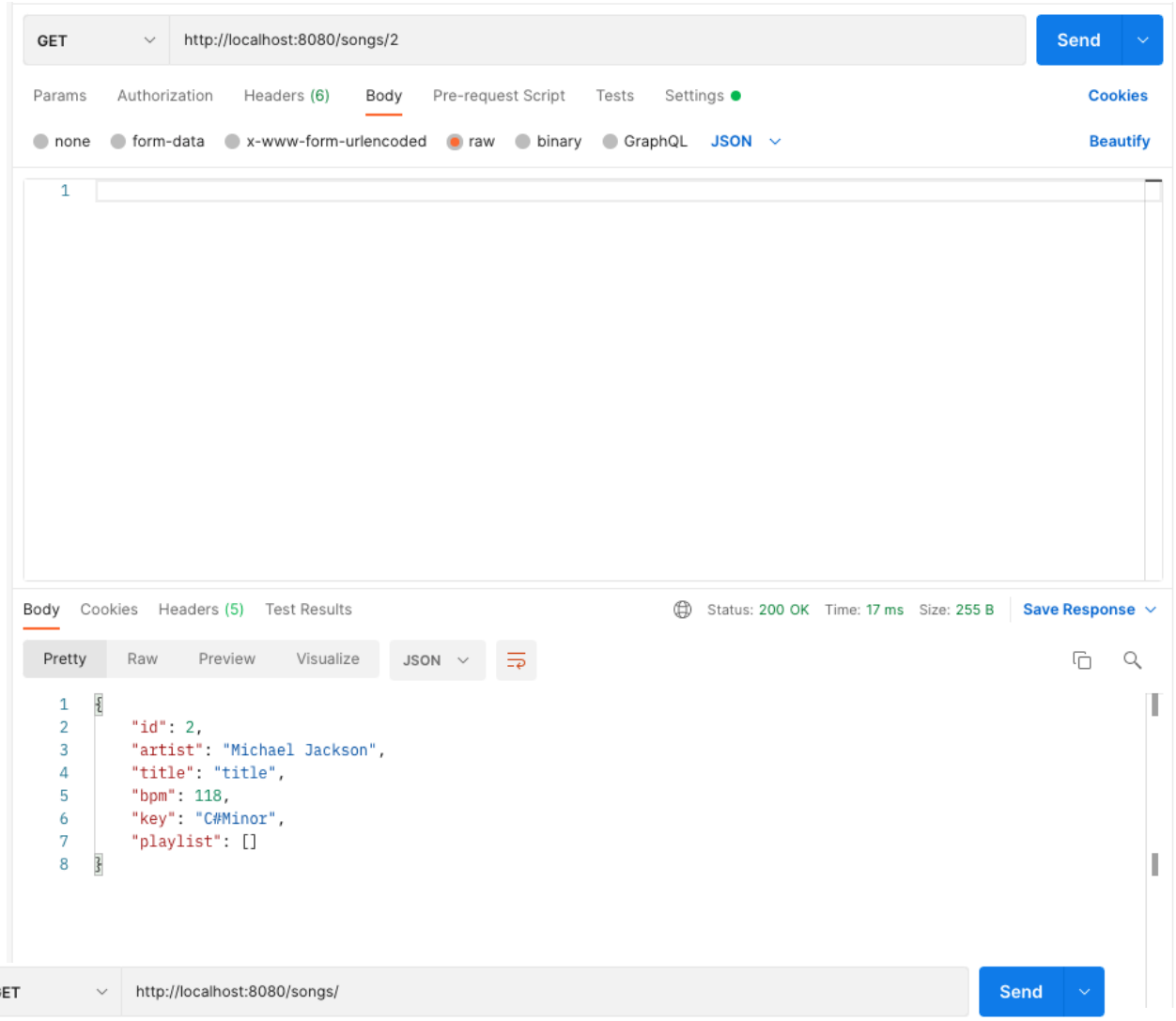

GET
http://localhost:8080/websites/4
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
1
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 42 ms
Size: 231 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
1 {
2 "name": "MyWebsite",
3 "url": "www.mywebsite.com",
4 "id": 4,
5 "playlist": []
6 }

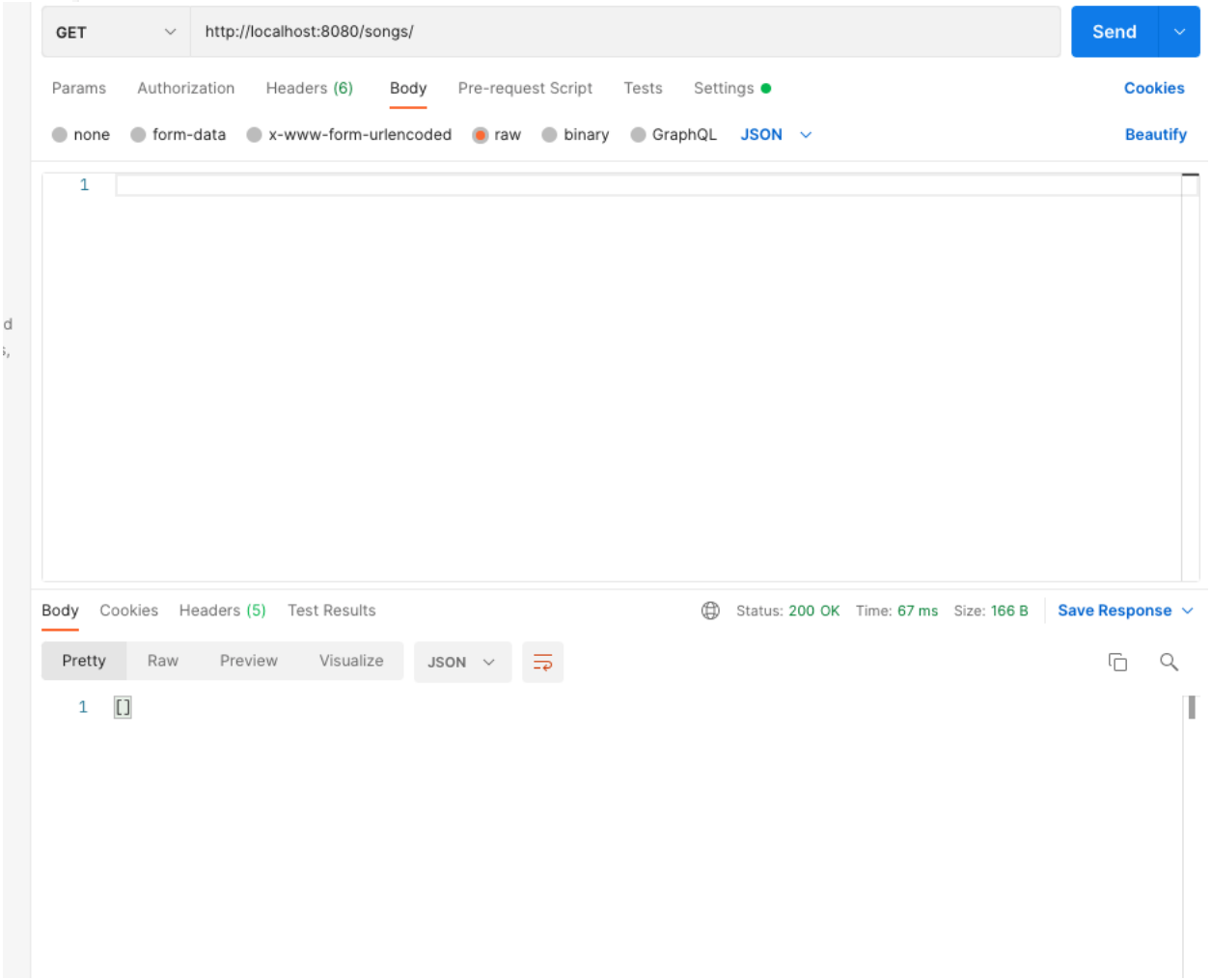
Song CRUD Operations:




POST
http://localhost:8080/songs/
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"id": "2",
"artist": "Michael Jackson",
"title": "title",
"bpm": "118",
"key": "C#Minor"
}
Body
Cookies
Headers (5)
Test Results
Status: 201 Created
Time: 53 ms
Size: 262 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"id": 2,
"artist": "Michael Jackson",
"title": "title",
"bpm": 118,
"key": "C#Minor",
"playlist": null
}


DELETE
http://localhost:8080/songs/2
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"id": 2,
"artist": "MJ",
"title": "title",
"bpm": 118,
"key": "C#Minor",
"playlist": []
}
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 37 ms
Size: 200 B
Save Response
Pretty
Raw
Preview
Visualize
Text
Successfully deleted song wtih id: 2


GET
http://localhost:8080/songs/2
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
1
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 17 ms
Size: 255 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"id": 2,
"artist": "Michael Jackson",
"title": "title",
"bpm": 118,
"key": "C#Minor",
"playlist": []
}


GET
http://localhost:8080/songs/
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
1
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 67 ms
Size: 166 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
1
[]

# API Documentation

**URL: Songs**

Allowed requests: GET, POST, PUT, DELETE

Input required in Response Body:

GET(read a song object)  - id in path variable for a single song
POST(create and object of song) - {}
PUT(update a song object) - request body must be the same as original object created, other than changes
DELETE(deletes a song object) - id

Appropriate HTTP status's and error messages: HttpStatus.CREATED, HttpStatus.BAD_REQUEST, HttpStatus.OK, HttpStatus.NOT_FOUND, "Unable to retrieve customer by id", "Unable to update song.", "Unable to delete customer."

**URL: Websites**

Allowed Requests: GET, POST, PUT, DELETE

Input required in Response Body:

GET(read a website object) - id of website in path variable for a single website
POST(create a website object) - {}
PUT(update a website object) - request body must be the same as original object created, other than changes
DELETE(deletes a website object) - id

Appropriate HTTP status's and error messages: HttpStatus.CREATED, HttpStatus.BAD_REQUEST, HttpStatus.OK, HttpStatus.NOT_FOUND, "Unable to retrieve website by id", "Unable to update website.", "Unable to delete customer."

**URL: Playlists**

Allowed Requests: GET

Input required in response body:

GET(shows all playlists) - {} to see all playlists

Appropriate HTTP status's and error messages: HttpStatus.OK, HttpStatus.NOT_FOUND