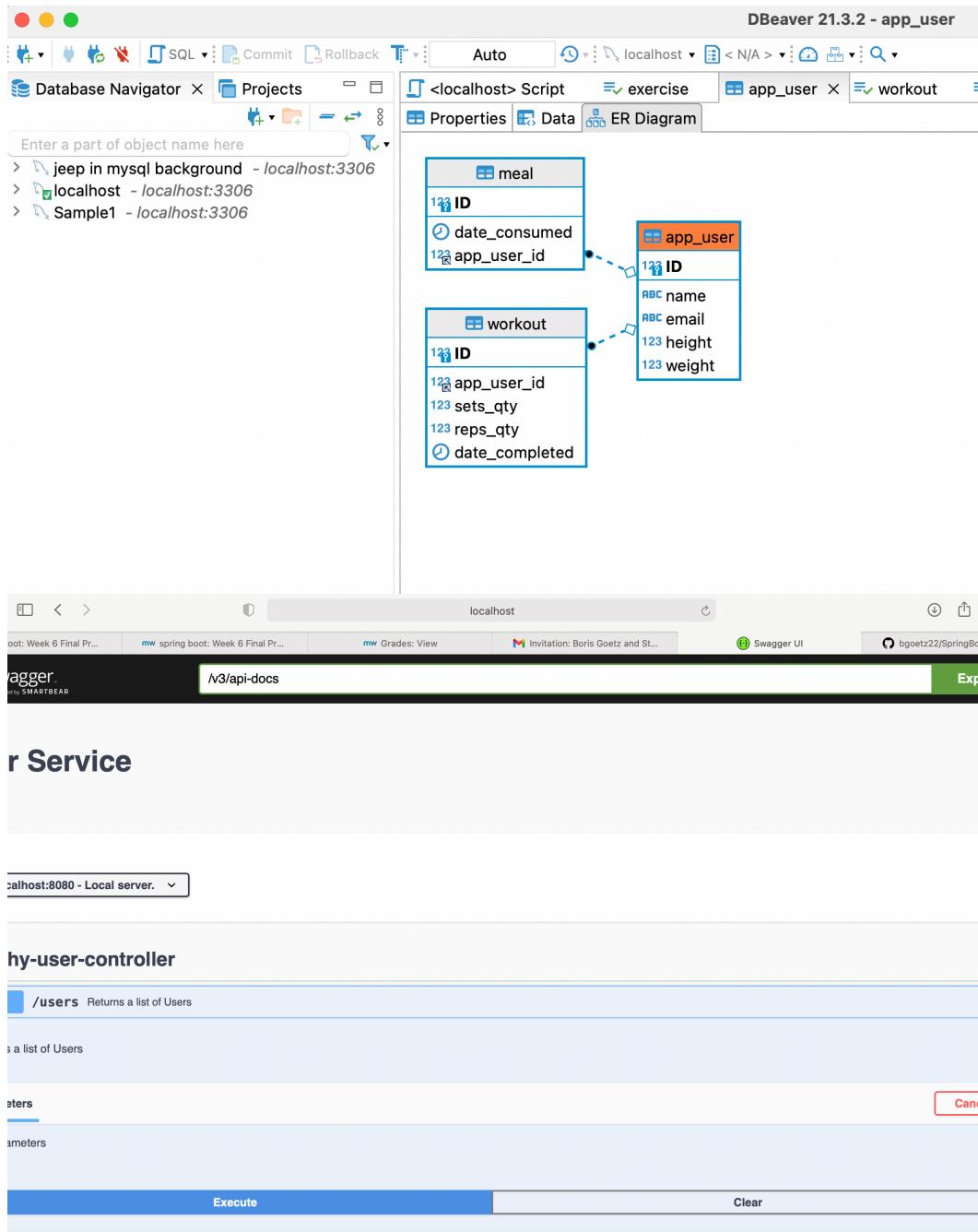


Week 6 Final Project Submission

HealthyJDBC

Git Hub Final Project Repo:
<https://github.com/bgoetz22/SpringBootFinalProject.git>



Swagger1

```
'' \
localhost:8080/users' \
: application/json'

host:8080/users

tails

response body

[
  {
    "name": "Boris Goetz",
    "email": "boris.goetz@gmail.com",
    "height": 72,
    "weight": 230,
    "id": 1
  },
  {
    "name": "Jon Doe",
    "email": "JonDoe@gmail.com",
    "height": 59,
    "weight": 135,
    "id": 2
  },
  {
    "name": "Good Will",
    "email": "GoodWill@gmail.com".
  }
]
```

Swagger2

```
localhost:8080/users' \
: application/json'

host:8080/users

tails

response body

[{
  "height": 70,
  "weight": 195,
  "id": 3
},
{
  "name": "William Chiang",
  "email": "JapanMan@yahoo.com",
  "height": 74,
  "weight": 155,
  "id": 5
},
{
  "name": "Bubba bubbly",
  "email": "BAbubble@gmail.com",
  "height": 78,
  "weight": 287,
  "id": 6
},
{
  "name": "Super Man",
  "email": "SMan@gmail.com",
  "height": 72,
  "weight": 185,
  "id": 7
}]

response headers

connection: keep-alive
content-type: application/json
date: Fri, 11 Feb 2022 19:56:22 GMT
keep-alive: timeout=60
transfer-encoding: Identity
```

Swagger3

```
ET' \
localhost:8080/users' \
pt: application/json'

localhost:8080/users

e

Details

Response body
[{"weight": 185, "id": 7}, {"name": "string", "email": "string", "height": 0, "weight": 0, "id": 8}, {"name": "string", "email": "string", "height": 0, "weight": 0, "id": 9}, {"name": "string", "email": "string", "height": 0, "weight": 0, "id": 10}], Response headers
connection: keep-alive
content-type: application/json
date: Fri, 11 Feb 2022 19:56:22 GMT
```

Swagger4

```
}
```

Response headers

```
connection: keep-alive
content-type: application/json
date: Fri, 11 Feb 2022 19:56:22 GMT
keep-alive: timeout=60
transfer-encoding: Identity
```

Description

List of Users is returned

Media type

application/json

Controls Accept header.

Sample Value | Schema

```
{"name": "string", "email": "string", "height": 0, "weight": 0, "id": 0}
```

The request parameters are invalid

Media type

application/json

Users were found with the input criteria

Swagger5

The screenshot shows the Swagger 6 interface. At the top, there is a dark panel containing JSON response examples for various HTTP status codes:

- 400: { "name": "string", "email": "string", "height": 0, "weight": 0, "id": 0 }
- 400: The request parameters are invalid
- 404: No Users were found with the input criteria
- 500: An unplanned error occurred

Below this, the main interface shows a **POST /users** operation. The **Parameters** section indicates "No parameters". The **Request body** is marked as **required** and contains the following JSON schema:

```
{ "name": "string", "email": "string", "height": 0, "weight": 0, "id": 0 }
```

Swagger6

The screenshot shows the Swagger 7 interface. It displays the same **POST /users** operation as the previous version. The **Parameters** section shows "No parameters". The **Request body** is marked as **required** and contains the same JSON schema as before:

```
{ "name": "string", "email": "string", "height": 0, "weight": 0, "id": 0 }
```

At the bottom of the request body editor, there are two buttons: **Execute** (in blue) and **Clear**.

Swagger7

Execute
Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/users' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "name": "string",
    "email": "string",
    "height": 0,
    "weight": 0,
    "id": 0
}'
```

Request URL

<http://localhost:8080/users>

Server response

Code	Details
500	Error: response status is 500

Response body

```
{
  "reason": "Internal Server Error",
  "status code": 500,
  "message": "java.lang.ClassCastException: class java.math.BigInteger cannot be cast to class java.lang.Integer (java.math.BigInteger and java.lang.Integer are in module java.base of loader 'bootstrap')",
  "url": "/users",
  "timestamp": "Fri, 11 Feb 2022 12:56:38 -0700"
}
```

Swagger8

host:8080/users

details

rror: response status is 500

esponse body

```
"reason": "Internal Server Error",
"status code": 500,
"message": "java.lang.ClassCastException: class java.math.BigInteger cannot be cast to class java.lang.Integer (java.math.BigInteger and java.lang.Integer are in module java.base of loader 'bootstrap')",
"url": "/users",
"timestamp": "Fri, 11 Feb 2022 12:56:38 -0700"
```

esponse headers

```
connection: close
content-type: application/json
date: Fri, 11 Feb 2022 19:56:38 GMT
transfer-encoding: Identity
```

escription

reated

ndia type

/

Controls Accept header.

[sample Value](#) | [Schema](#)

Swagger9

description

created

media type

```
/*
```

Example Value | Schema

```
{"name": "string",
"email": "string",
"height": 0,
"weight": 0,
"id": 0}
```

bad Request

media type

```
/*
```

Example Value | Schema

```
{"additionalProp1": {},
"additionalProp2": {},
"additionalProp3": {}}
```

Not Found

media type

```
/*
```

Swagger10

Not Found

media type

```
/*
```

Example Value | Schema

```
{  "additionalProp1": {},
  "additionalProp2": {},
  "additionalProp3": {}}
```

Internal Server Error

media type

```
/*
```

Example Value | Schema

```
{  "additionalProp1": {},
  "additionalProp2": {},
  "additionalProp3": {}}
```

string

Swagger11

Sample Value | Schema

```
{
  "additionalProp1": 0,
  "additionalProp2": 0,
  "additionalProp3": 0
}
```

Internal Server Error

Media type

/

Sample Value | Schema

```
{
  "additionalProp1": 0,
  "additionalProp2": 0,
  "additionalProp3": 0
}
```

string
string
number
number
integer(\$int32)

Swagger12

MySQL DBeaver: <https://github.com/bgoetz22/SpringBootFinalProject.git>

The screenshot shows the MySQL DBeaver interface with the 'exercise' table selected in the 'Properties' tab. The table grid displays 31 rows of data:

ID	abc_name	abc_muscle_group	gym_id
1	Burpees	Legs and Cardio	0
2	Goblet squat	Legs	0
3	Wall Sits	Legs	0
9	bench dips	triceps	0
10	tricep kickbacks	triceps	0
6	overhead press	shoulders	0
12	lateral raise	shoulders	0
8	front raise	shoulders	0
9	push press	shoulders and legs	0
10	kneel to stand	legs	0
11	jump squats	legs	0
12	split squats	legs	0
13	alt step ups	legs	0
14	pulsing squats	legs	0
15	lateral squat shuffle	legs	0
16	lateral band walks	legs	0
17	reverse lunge	legs	0
18	single leg assist squat	legs	0
19	lateral band squat shuffle	legs	0
20	V-ups	core	0
21	flutter kicks	core	0
22	supermans	back and core	0
23	bird dog	back, core, glutes	0
24	isometric V-sit	core stability	0
25	plank hold	core	0
26	plank knee to elbow	core	0

Exercise MySQL

jeep in mysql background - localhost:3306

localhost - localhost:3306

Sample1 - localhost:3306

app_user | Enter a SQL expression to filter results (use Ctrl+Space)

	ID	name	email	height	weight
1	1	Boris Goetz	boris.goetz@gmail.com	72	230
2	2	Jon Doe	JonDoe@gmail.com	59	135
3	3	Good Will	GoodWill@gmail.com	70	195
4	5	William Chiang	JapanMan@yahoo.com	74	155
5	6	Bubba bubbly	BAbubby@gmail.com	78	287
6	7	Super Man	SMan@gmail.com	72	185
7	8	string	string	0	0
8	9	string	string	0	0
9	10	string	string	0	0

app_user MySQL

name here

background - localhost:3306

localhost:3306

localhost:3306

workout | Enter a SQL expression to filter results (use Ctrl+Space)

	ID	app_user_id	sets_qty	reps_qty	edit
1	1	1	3	12	edit
2	2	2	3	30	edit
3	3	3	3	15	edit
4	5	5	3	12	edit
5	6	6	3	20	edit

workout MySQL

STS app starting and running: <https://github.com/bgoetz22/SpringBootFinalProject.git>

The screenshot shows the STS interface with the following details:

- Code Editor:** Displays the file `HealthyJDBCMain.java` containing the main method of a Spring Boot application.
- Console:** Shows the application's startup logs. It includes a decorative ASCII art logo at the top followed by the Spring Boot banner: `:: Spring Boot :: (v2.6.2)`. The log output indicates the application is starting up, using version 2.6.2, and running with Java 11.
- File Explorer:** Shows the project structure under `workspace-spring-tool-suite-4-4.13.0.RELEASE - HealthyJDBC/src/main/java/com/healthyJDBC/healthy`.
- Toolbars and Status Bar:** Standard Eclipse-style toolbars and a status bar at the bottom.

App started and runs!