

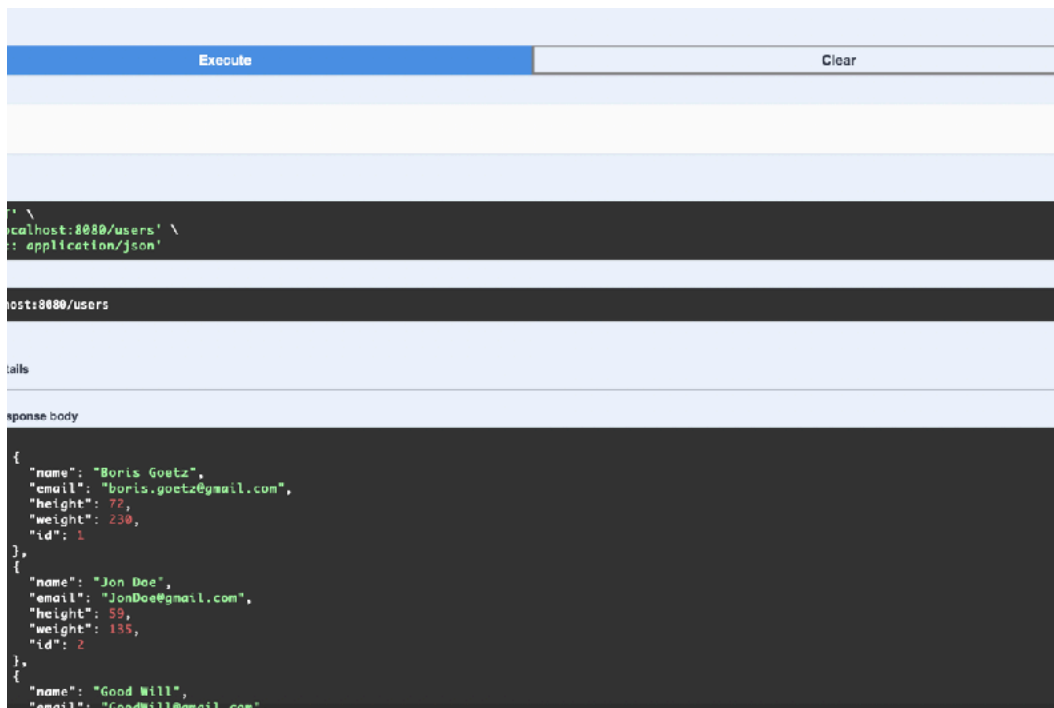
Week 6 Final Project Submission

HealthyJDBC

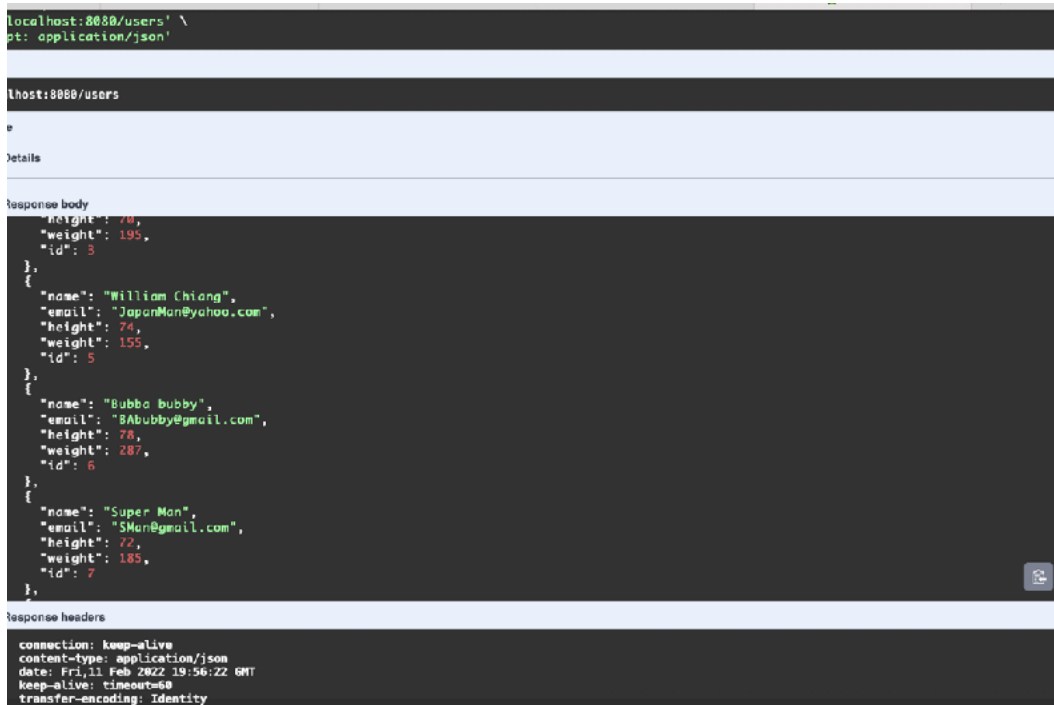
Git Hub Final Project Repo:
<https://github.com/bgoetz22/SpringBootFinalProject.git>

The image displays two screenshots. The top screenshot shows the DBeaver 21.3.2 interface with an ER diagram. The diagram includes three tables: 'meal', 'workout', and 'app_user'. The 'meal' table has columns 'ID', 'date_consumed', and 'app_user_id'. The 'workout' table has columns 'ID', 'app_user_id', 'sets_qty', 'reps_qty', and 'date_completed'. The 'app_user' table has columns 'ID', 'name', 'email', 'height', and 'weight'. Relationships are shown between 'meal' and 'app_user' (on 'ID' to 'ID') and between 'workout' and 'app_user' (on 'ID' to 'ID').

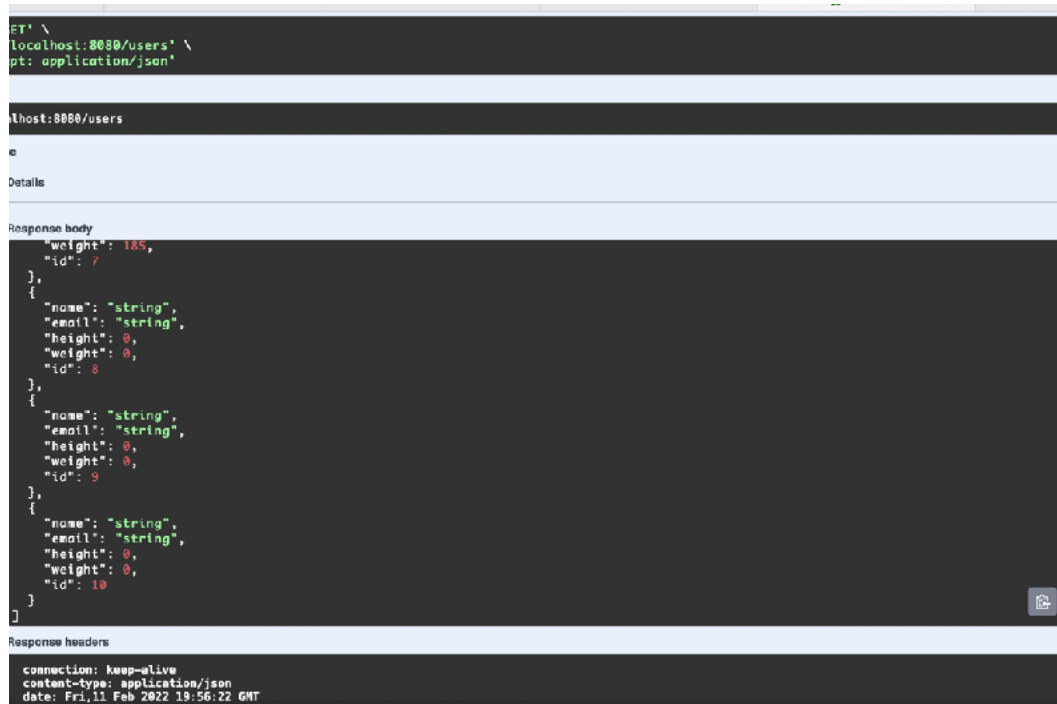
The bottom screenshot shows the Swagger UI for a service. The URL bar shows 'localhost:8080 - Local server.' and the path '/v3/api-docs'. The service name is 'r Service'. The endpoint '/users' is selected, with a description 'Returns a list of Users'. The response is shown as a list of Users. The 'Execute' button is visible at the bottom.



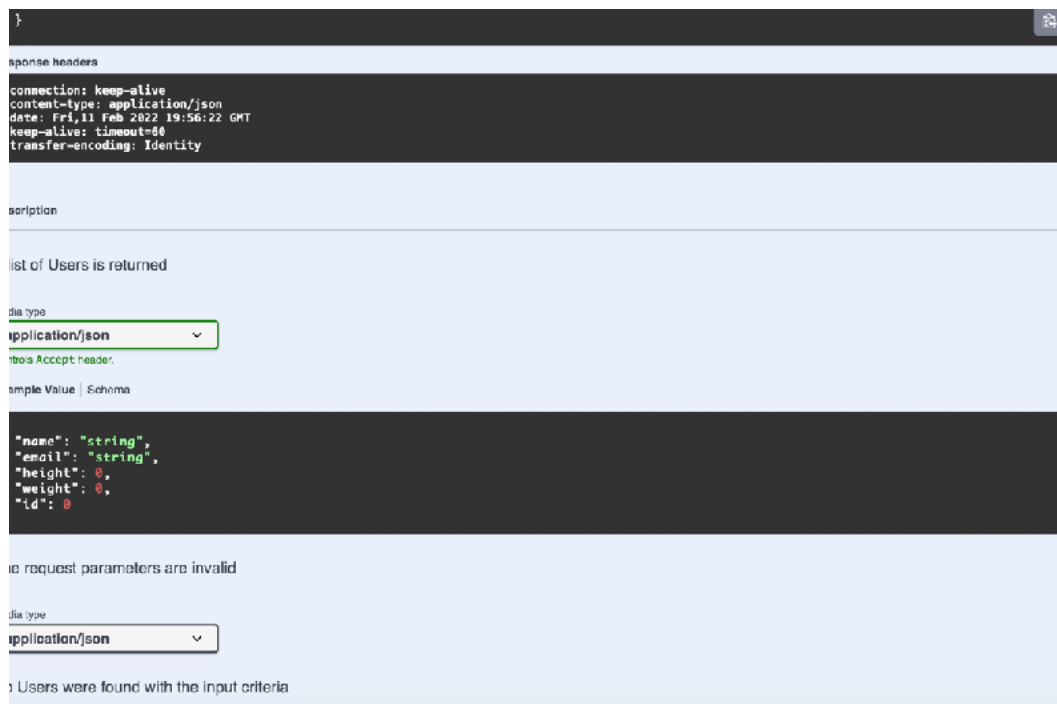
Swagger2



Swagger3



Swagger4



Swagger5

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

400

The request parameters are invalid

Media type
application/json

404

No Users were found with the input criteria

Media type
application/json

500

An unplanned error occurred

Media type
application/json

POST

/users

Parameters

No parameters

Request body

required

Swagger6

POST

/users

Parameters

No parameters

Request body

required

application/json

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

Execute

Clear

Responses

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')",
  "uri": "/users",
  "timestamp": "Fri, 11 Feb 2022 12:56:38 -0700"
}
```

Download

Swagger8

host: 8080/users

status

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')",
"uri": "/users",
"timestamp": "Fri, 11 Feb 2022 12:56:38 -0700"
```

Download

response headers

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

description

related

id: type

*/

accept header

sample Value | Schema

Swagger9

description

created

id type

▼

models Accept header

sample Value | Schema

```

"name": "string",
"email": "string",
"height": 0,
"weight": 0,
"id": 0

```

add Request

id type

▼

sample Value | Schema

```

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

```

not Found

id type

▼

Swagger10

not Found

id type

▼

sample Value | Schema

```

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

```

Internal Server Error

id type

▼

sample Value | Schema

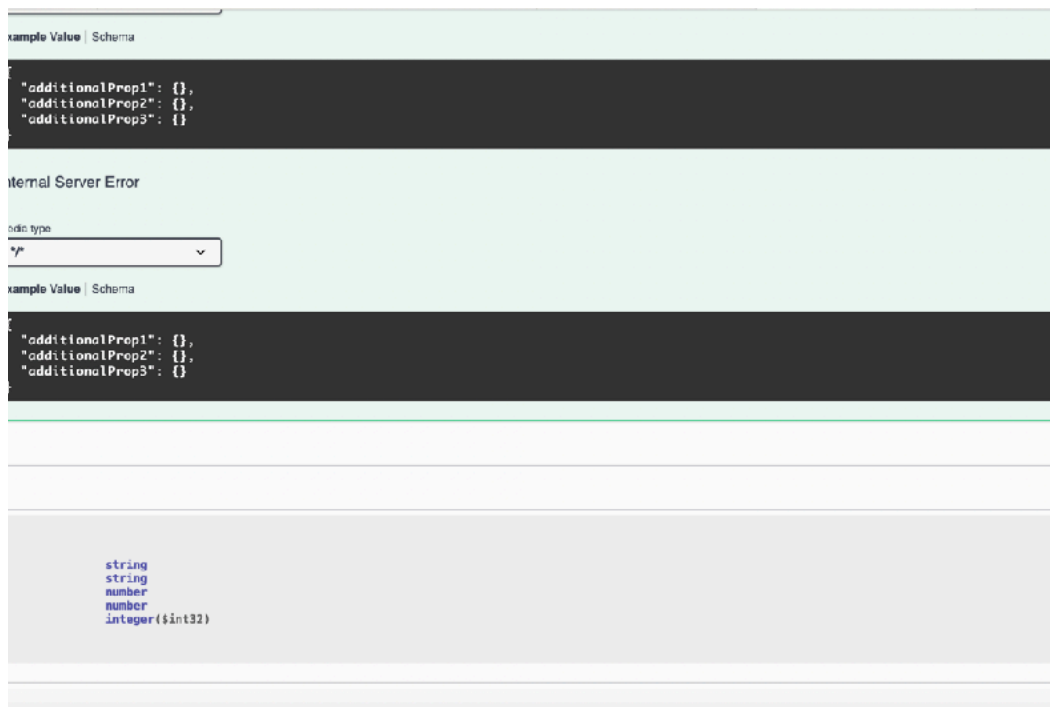
```

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

```

string

Swagger11



Swagger12

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

ID	name	muscle_group	gym_id
1	Burpees	Legs and Cardio	0
2	Goblet squat	Legs	0
3	Wall Sits	Legs	0
4	bench dips	triceps	0
5	tricap kickbacks	triceps	0
6	overhead press	shoulders	0
7	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
27	plank side leg raise	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	Boris Goetz	boris.goetz@gmail.com	72	230
2	Jon Doe	JonDoe@gmail.com	59	135
3	Good Will	GoodWill@gmail.com	70	195
4	William Chiang	JapanMan@yahoo.com	74	155
5	Bubba bubby	BAbubby@gmail.com	78	287
6	Super Man	SVan@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
ckground - localhost:3306
localhost:3306
host:3306

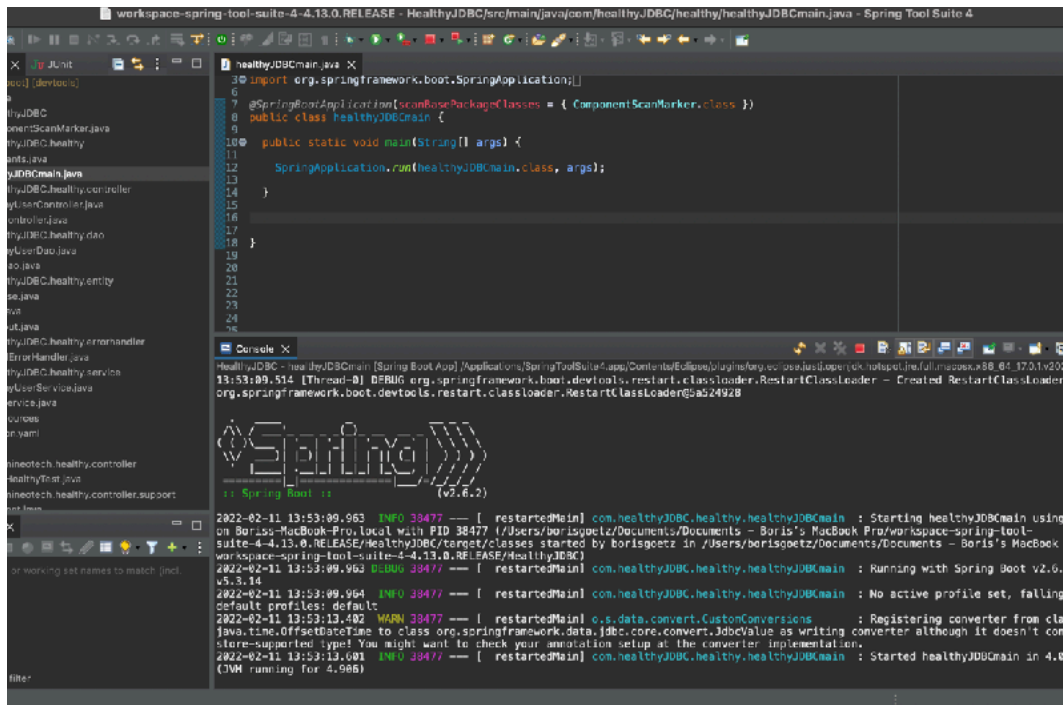
Properties Data ER Diagram

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

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

workout MySQL

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



App started and runs!