

The screenshot shows a REST client interface with a POST request to `http://localhost:8080/api/v1/user/add`. The request body is a JSON object: `{ "password": "Jana@123", "email": "Jana@gmail.com", "age": 23, "gender": "Female", "weight": 51, "height": 159, "daysOfExercise": 4 }`. The response is a 400 Bad Request error. The error message is: `"error": "Bad Request", "trace": "org.springframework.http.converter.HttpMessageNotReadableException: JSON parse error: Unexpected character ('`' (code 34)): was expecting comma to separate Object entries; nested exception is org.springframework.http.converter.json.AbstractJackson2HttpMessageConverter.readJavaType (AbstractJackson2HttpMessageConverter.java:496); nested exception is org.springframework.http.converter.json.AbstractJackson2HttpMessageConverter.read (AbstractJackson2HttpMessageConverter.java:354); nested exception is org.springframework.web.servlet.mvc.method.annotation.AnnotationMethodArgumentResolver.readWithMessageConverter (AnnotationMethodArgumentResolver.java:124)"`.

GET

http://localhost:8080/api/v1/user/set-ActiveLevel/2

Send

Params

Authorization

Headers (6)

Body

Scripts

Settings

Cookies

Query Params

Key	Value	Description	...	Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (4)

Test Results

Status: 500 Internal Server Error

Time: 606 ms

Size: 12.59 KB

Save as example

Pretty

Raw

Preview

Visualize

JSON

```

1  {
2    "timestamp": "2024-08-20T08:46:08.936+00:00",
3    "status": 500,
4    "error": "Internal Server Error",
5    "trace": "org.springframework.dao.InvalidDataAccessResourceUsageException: JDBC exception executing SQL [select u1_0.id,u1_0.activity_level,u1_0.
age,u1_0.days_of_exercise,u1_0.email,u1_0.gender,u1_0.height,u1_0.participation,u1_0.password,u1_0.username,u1_0.weight,u1_0.weight_goal from
user u1_0 where u1_0.id=?] [Table 'wellnesswise.user' doesn't exist] [n/a]; SQL [n/a]\r\n\tat org.springframework.orm.jpa.vendor.
HibernateJpaDialect.convertHibernateAccessException(HibernateJpaDialect.java:277)\r\n\tat org.springframework.orm.jpa.vendor.
HibernateJpaDialect.translateExceptionIfPossible(HibernateJpaDialect.java:241)\r\n\tat org.springframework.orm.jpa.
AbstractEntityManagerFactoryBean.translateExceptionIfPossible(AbstractEntityManagerFactoryBean.java:559)\r\n\tat org.springframework.dao

```

PUT

http://localhost:8080/api/v1/meal-food/update/1

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

☐ none
 ☐ form-data
 ☐ x-www-form-urlencoded
 ☒ raw
 ☐ binary
 ☐ GraphQL

JSON

1

```
{
  "name": "Lunch",
  "userId": 1,
  "foodId": 1,
  "servingSize": 100
}
```

Body

Cookies

Headers (4)

Test Results

Status: 400 Bad Request

Time: 50 ms

Size: 5.75 KB

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "timestamp": "2024-08-20T08:53:34.271+00:00",
3   "status": 400,
4   "error": "Bad Request",
5   "trace": "org.springframework.web.bind.MethodArgumentNotValidException: Validation failed for argument [1] in public org.springframework.http.
  ResponseEntity com.example.capstone2.Controller.MealFoodController.updateMealFood(java.lang.Integer,com.example.capstone2.Model.MealFood):
  [Field error in object 'mealFood' on field 'description': rejected value [null]; codes [NotEmpty.mealFood.description,NotEmpty.description,
  NotEmpty.java.lang.String,NotEmpty]; arguments [org.springframework.context.support.DefaultMessageSourceResolvable: codes [mealFood,
  description,description]; arguments []; default message [description]]; default message [Meal description must not be empty]] \r\n\tat org.
```

MethodArgumentNotValidException(Forget letter in word description)

capstone2 / medifood / addmealfood

POST http://localhost:8080/api/v1/meal-food/add Send

Params Authorization Headers (8) Body Scripts Settings Cookies

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

```
1 {"name": "Breakfast",
2  "description": "3 slides of toast, 2 eggs or Greek Yogurt zero fat, 1 slide cheese (Fat free), 20 gram Philadelphia light ",
3  "userId": 1,
4  "foodId": 1,
5  "servingSize": 100,
6  "BMR": 1,
7  "dailyCalorieNeeds": 1}
```

body Cookies Headers (4) Test Results Status: 400 Bad Request Time: 9 ms Size: 5.73 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "timestamp": "2024-08-20T08:56:38.616+00:00",
3   "status": 400,
4   "error": "Bad Request",
5   "trace": "org.springframework.web.bind.MethodArgumentNotValidException: Validation failed for argument [0] in public org.springframework.http.
  ResponseEntity com.example.capstone2.Controller.MealFoodController.addMealFood(com.example.capstone2.Model.MealFood): [Field error in object
  'mealFood' on field 'description': rejected value [null]; codes [NotEmpty.mealFood.description,NotEmpty.description,NotEmpty.java.lang.String,
  NotEmpty]; arguments [org.springframework.context.support.DefaultMessageSourceResolvable: codes [mealFood.description,description]; arguments
  []; default message [description]]; default message [Meal description must not be empty]] \r\n\tat org.springframework.web.servlet.mvc.method.
  annotation.RequestBodyMethodProcessor.resolveArgument(RequestResponseBodyMethodProcessor.java:144)\r\n\tat org.springframework.web.
```

MethodArgumentTypeMismatchException (In the path I put a string rather than integer)

GET http://localhost:8080/api/v1/food/percentageProtein/f

Params Authorization Headers (6) Body Scripts Settings

Query Params

Key	Value	Description
Key	Value	Description

body Cookies Headers (4) Test Results Status: 400 Bad Request Time: 61 ms

Pretty Raw Preview Visualize JSON

```
1 {
2   "timestamp": "2024-08-20T09:07:48.884+00:00",
3   "status": 400,
4   "error": "Bad Request",
5   "trace": "org.springframework.web.method.annotation.MethodArgumentTypeMismatchException: Failed to convert value of
  required type 'java.lang.Integer'; For input string: \"f\" \r\n\tat org.springframework.web.method.annotation.
  AbstractNamedValueMethodArgumentResolver.convertIfNecessary(AbstractNamedValueMethodArgumentResolver.java:302)\r\n\t
  web.method.annotation.AbstractNamedValueMethodArgumentResolver.resolveArgument(AbstractNamedValueMethodArgument
```

NoResourceFoundException(Forget to write "api" in the path)

GET ⌵ http://localhost:8080/api/v1/food/set-CaloriesPerServing/1 Send

Params Authorization Headers (6) Body Scripts Settings Cool

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (6) Test Results ⊕ Status: 405 Method Not Allowed Time: 5 ms Size: 5.04 KB Save as example

Pretty Raw Preview Visualize JSON ⌵ ≡ 📄

```
1 {
2   "timestamp": "2024-08-20T09:31:06.952+00:00",
3   "status": 405,
4   "error": "Method Not Allowed",
5   "trace": "org.springframework.web.HttpRequestMethodNotSupportedException: Request method 'POST' is not supported\r\n\tat org.springframework.web.servlet.mvc.method.RequestMappingInfoHandlerMapping.handleNoMatch(RequestMappingInfoHandlerMapping.java:267)\r\n\tat org.springframework.web.servlet.handler.AbstractHandlerMethodMapping.lookupHandlerMethod(AbstractHandlerMethodMapping.java:441)\r\n\tat org.springframework.web."
```

HttpRequestMethodNotSupportedException (wrong CRUD (choosing put rather than get))

GET ⌵ http://localhost:8080/v1/food/percentageProtien/f Send

Params Authorization Headers (6) Body Scripts Settings

Query Params

	Key	Value	Description	...
	Key	Value	Description	

Body Cookies Headers (8) Test Results ⊕ Status: 404 Not Found Time: 11 ms Size: 4.45 KB Save as example

Pretty Raw Preview Visualize JSON ⌵ ≡ 📄

```
1 {
2   "timestamp": "2024-08-20T09:14:19.361+00:00",
3   "status": 404,
4   "error": "Not Found",
5   "trace": "org.springframework.web.servlet.resource.NoResourceFoundException: No static resource v1/food/percentageProtien/f.\r\n\tat org.springframework.web.servlet.resource.ResourceHttpRequestHandler.handleRequest(ResourceHttpRequestHandler.java:585)\r\n\tat org.springframework.web.servlet.mvc.HttpRequestHandlerAdapter.handle(HttpRequestHandlerAdapter.java:52)\r\n\tat org.springframework.web.s."
```

```
DataIntegrityViolationException: could not execute statement [Duplicate entry 'Jana@gmail.com' for key 'email']
```

[illegible]