# V1.0 Integration Documentation

This document seeks to list the features contained in the integration API.

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#### 1. Environments

dev: https://localhost:80/

prod: https://nathan-dev.com/

Github: https://github.com/nathanfrc/gym-irlanda

E-mail: nathan.frc@hotmail.com

Question contact

#### 2. Autentication:

#### **Método HTTP POST**

{{base}}/login

To carry out consultations on the services provided by the application, it will be the authentication method described is required. Therefore, in the header of each request must be informed the Header "Authorization" containing the word "Bearer" followed by the generated token.

#### Body

**JSON** 

```
POST

\[
\left\{\left\{\text{base}\}\/\login\]
\[
\]

         Authorization Headers (9)
                                  Body •
                                          Pre-request Script
        none
   1
   2
           "username": "admin",
   3
           "password":"123456"
                                                                             Status: 200 OK
     Cookies (1) Headers (11) Test Results
Body
 Pretty
           "access_token": "eyJ0eXAi0iJKV1QiLCJhbGci0iJIUzI1NiJ9.eyJ1c2VybmFtZSI6ImFkbWluIn0.
   2
              WTVA_SlHo7tOmnEzajMkeUvrq31-cMkW6xCGsNOwIgg"
   3
```

#### Response

#### HTTP Status 200

#### Http error 4XX, 5XX

```
€8
Body Cookies (1) Headers (11)
                                  Test Results
  Pretty
                                   Visualize
                                                 JSON V
             Raw
                       Preview
    1
              "success": false,
    2
    3
              "data": {
                   "mensagem": "No route found for \"GET \underline{\text{/user/\}}""
    4
    5
```

#### 

Method	Route	description
POST	/user	create a new user
PUT	/user/{id}	update a new user
DELETE	/user/{id}	delete a new user
GET	/user/{id}	search for a user by id
GET	/users	search all users

Users are defined by roles ex: ROLE\_ADMIN - full access ROLE\_STAFF- limited access ROLE\_USER - limited access pagination is done by queryParam parameters. ex: [{base}/{endpoint}/?page=1&itemsPerPage=10 ]

#### Link GitHub:

https://github.com/nathanfrc/gym-irlanda

#### 3. User

#### 3.1 Create user

#### **Method HTTP POST**

# {{base}}/user

**Description**: create a new user

Parameter	Mandatory	Туре	Description
username	yes	String	Username of the login user
password	yes	String	Password of the login user
personId	yes	integer	id of the person who owns
			the login
roles	no	Array	Users permission

### Types de roles permission:

ROLE\_ADMIN ROLE\_STAFF ROLE\_USER

### Request / Response

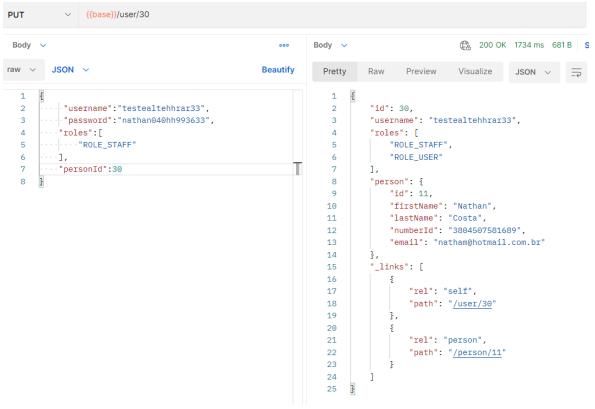
Body JSON

```
\ \{\{\base\}\}\/user/30
PUT
                                                                                              200 OK 1734 ms 681 B S
 Body ~
                                                               Body ~
raw v JSON v
                                                     Beautify
                                                                 Pretty
                                                                                             Visualize
  1
  2
          "username":"testealtehhrar33",
                                                                           "id": 30,
  3
           "password": "nathan040hh993633",
                                                                   3
                                                                           "username": "testealtehhrar33",
          "roles":[
                                                                           "roles": [
  4
                                                                   4
                                                                               "ROLE_STAFF",
  5
        ··· "ROLE_STAFF"
                                                                   5
                                                                               "ROLE_USER"
           "personId":30
                                                                           "person": {
                                                                   8
                                                                              "id": 11,
                                                                   9
                                                                               "firstName": "Nathan",
                                                                  10
                                                                  11
                                                                               "lastName": "Costa",
                                                                               "numberId": "3804507581689",
                                                                  12
                                                                               "email": "natham@hotmail.com.br"
                                                                  13
                                                                  14
                                                                           "_links": [
                                                                  15
                                                                  16
                                                                               £
                                                                                   "rel": "self",
                                                                  17
                                                                  18
                                                                                   "path": "<u>/user/30</u>"
                                                                  19
                                                                               3,
                                                                  20
                                                                                   "rel": "person",
                                                                  21
                                                                  22
                                                                                   "path": "/person/11"
                                                                  23
                                                                  24
                                                                  25
```

#### 3.2 Update user

#### **Method HTTP PUT**

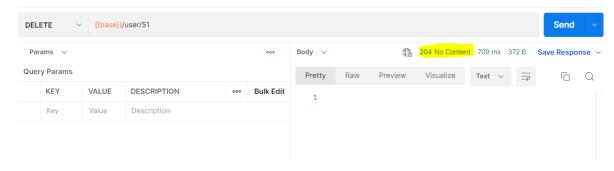
{{base}}/user/{{id}} -> queryParam id user



#### 3.3 Delete user

#### **Method HTTP PUT**

{{base}}/user/{{id}} -> queryParam id user



Response HTTP 204

# 3.4 find by id user

## **Method HTTP GET**

{{base}}/user/{{id}} -> queryParam id user

search for a user by id

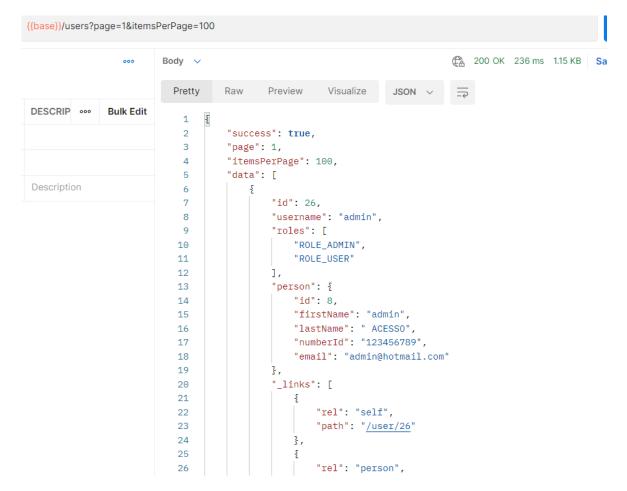
```
GET
              \ \{\{\text{base}\}\/\user/26\
     Body Cookies (1) Headers (13) Test Results
                                                    JSON V
       Pretty
                  Raw
                          Preview
                                       Visualize
         1
         2
                  "success": true,
                  "data": {
         3
                      "id": 26,
         4
         5
                      "username": "admin",
         6
                       "roles": [
         7
                           "ROLE_ADMIN",
         8
                           "ROLE_USER"
         9
                      ],
                       "person": {
        10
        11
                           "id": 8,
                           "firstName": "admin",
        12
                           "lastName": " ACESSO",
        13
                           "numberId": "123456789",
        14
                           "email": "admin@hotmail.com"
        15
        16
                      },
                       "_links": [
        17
        18
                                "rel": "self",
        19
                                "path": "/user/26"
        20
        21
                           ζ,
Request Editor
        22
                           Ę
                                "rel": "person",
        23
                                "path": "/person/8"
        24
        25
        26
```

#### 3.5 find all user

#### **Method HTTP GET**

{{base}}/users

#### search all users



#### Person

Method	Route	description
POST	/person/user	Create user for client with client access permission only
POST	/person	create a new person
PUT	/person/{id}	update a new person
DELETE	/person/{id}	delete a new person
GET	/person/{id}	search for a user by id
GET	/persons	search all users

#### 4. Person

#### 4.1 create

#### **Method HTTP POST**

# {{base}}/person

create a new person

Parameter	Mandatory	Туре	Description
firstName	yes	String	Person's first name
lastName	yes	string	Person's last name
numberId	yes	string	Unique identification number
email	yes	string	Person's email
heigth	no	float	Person's height
weigth	no	integer	Person's weigth

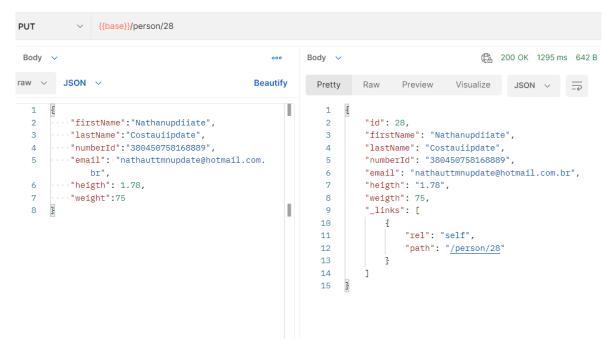
## Request Json Body

```
POST
                                                                                                 201 Created 692 ms 637 B Sav
                                                               Body ~
 Body V
raw v JSON v
                                                    Beautify
                                                                 Pretty
                                                                           Raw
                                                                                   Preview
                                                                                               Visualize JSON V
   2
           "firstName":"cliiiente27",
                                                                   2
                                                                            "id": 31,
           "lastName": "clientiie267",
"numberId": "3824027767757",
   3
                                                                            "firstName": "cliiiente27",
                                                                   3
                                                                            "lastName": "clientiie267",
"numberId": "3824027767757",
   4
                                                                   4
           -<mark>"email": "client266277265e77@hotmail.com",</mark>
   5
           "heigth": 1.78,
                                                                            "email": "client266277265e77@hotmail.com",
           "weight":75
                                                                            "heigth": "1.78",
                                                                            "weigth": 75,
   8
                                                                   8
                                                                            "_links": [
                                                                   9
                                                                  10
                                                                  11
                                                                                    "rel": "self",
                                                                                    "path": "/person/31"
                                                                  12
                                                                  13
                                                                  14
```

#### 4.2 Update person

#### **Method HTTP PUT**

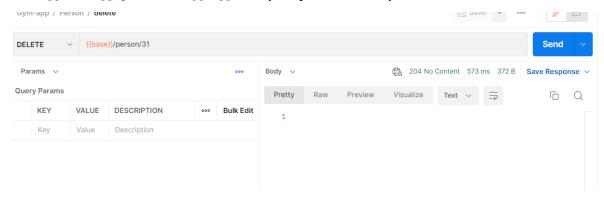
{{base}}/person/{{id}} -> queryParam id person



### 4.3 Delete person

#### **Method HTTP DELETE**

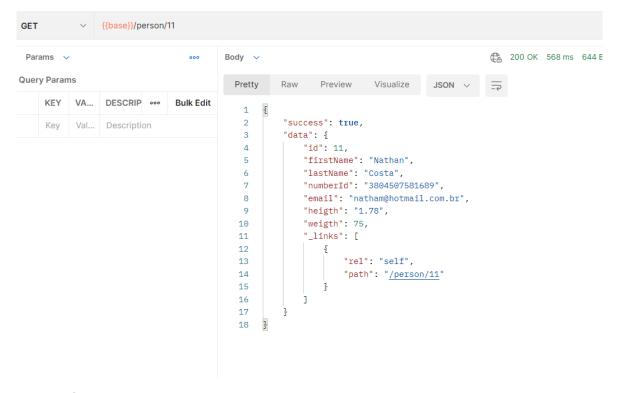
{{base}}/person/{{id}} -> queryParam id person



#### 4.4 Find by id person

#### **Method HTTP GET**

{{base}}/person/{{id}} -> queryParam id person



### 4.5 Find all persons

#### **Method HTTP GET**

### {{base}}/persons

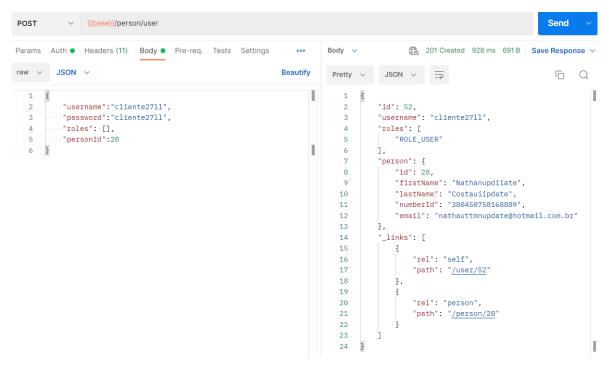
```
\[
\{\base\}\/persons?itemsPerPage=100
\]

                                                                                                200 OK 564 ms 1.05 KB
                                   Body V
                                     Pretty
                                                 Raw
                                                                     Visualize
                                                                                  JSON V
VA...
       DESCRIP ***
                       Bulk Edit
                                       1
                                                 "success": true,
                                       2
100
                                                 "page": 1,
                                       3
Val... Description
                                       4
                                                 "itemsPerPage": 100,
                                       5
                                                 "data": [
                                                          "firstName": "admin",
"lastName": " ACESSO",
"numberId": "123456789",
                                      10
                                      11
                                                          "email": "admin@hotmail.com",
                                                          "heigth": null,
                                      12
                                                          "weigth": null,
                                      13
                                                          "_links": [
                                      14
                                      15
                                                               £
                                                                    "rel": "self",
                                      16
                                      17
                                                                    "path": "<u>/person/8</u>"
                                      18
                                      19
                                      20
                                                     3,
                                      21
                                                          "id": 11,
                                      22
                                                          "firstName": "Nathan",
"lastName": "Costa",
                                      23
                                      24
                                                          "numberId": "3804507581689",
                                      25
                                      26
                                                          "email": "natham@hotmail.com.br",
                                                                               A Cooking of Conture requests O Postcome
```

# 4.6 Create user for client with client access permission only

#### **Method HTTP GET**

{{base}}/person/user



# Workouts

Method	Route	description
POST	/workout	create a new workouts
PUT	/workout/{id}	update a new workouts
DELETE	/workout/{id}	delete a new workouts
GET	/workout/{id}	search for a workouts by id
GET	/workouts	search all workouts
GET	person/workouts/{id}	search all workouts by person

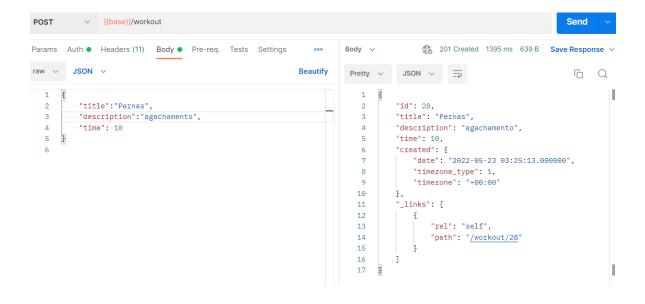
### 5. Workouts

#### 5.1 create workouts

#### **Method HTTP POST**

{{base}}/workout

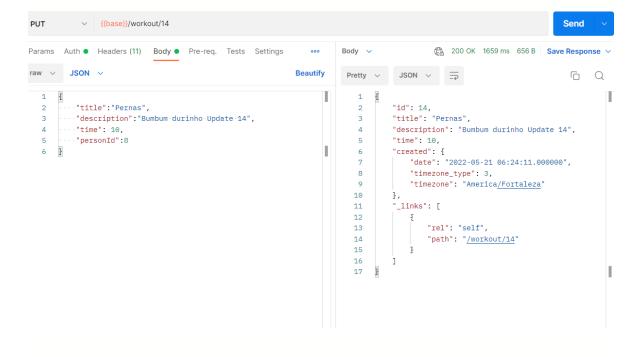
Parameter	Mandatory	Туре	Description
title	yes	String	Training title
description	yes	String	Training description for students
time	yes	Integer	Time the student will do the training



#### 5.2 update workouts

#### **Method HTTP PUT**

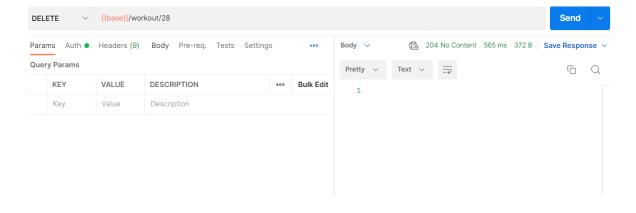
# {{base}}/workout/{{id}} -> queryParam id workouts



#### 5.3 delete workouts

#### **Method HTTP DELETE**

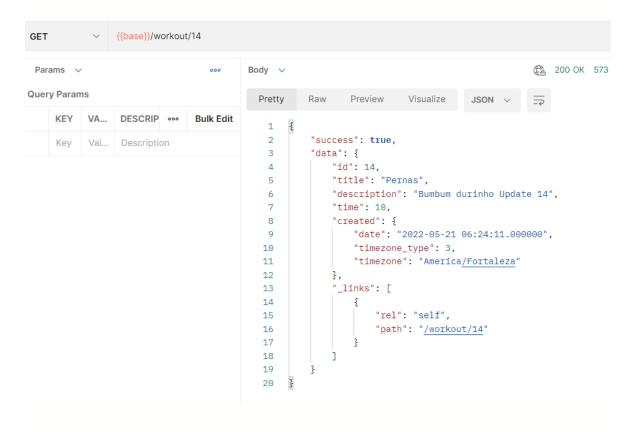
{{base}}/workout/{{id}} -> queryParam id workouts



### 5.4 find by id workouts

#### **Method HTTP GET**

# {{base}}/workout/{{id}} -> queryParam id workouts



#### 5.5 find all workouts

#### **Method HTTP GET**

{{base}}/workouts

```
GET
       \{\{\base\}\}/\workouts
                                                                                                                            Send
                                         Body ~
                                                                                               200 OK 548 ms 796 B Save Response V
 Params V
Query Params
                                                    Raw Preview Visualize JSON V =
                                           Pretty
     KEY VA... DESCRIP ••• Bulk Edit
                                            1
                                                     "success": true,
                                             2
     Key Val... Description
                                                     "page": 1,
                                                     "itemsPerPage": 10,
                                                     "data": [
                                                             "id": 12,
                                                             "title": "Pernas",
                                             8
                                                             "description": "Bumbum durinho",
                                            10
                                                             "time": 10,
                                                             "created": {
    "date": "2022-05-21 06:21:22.000000",
                                            11
                                            12
                                                                 "timezone_type": 3,
"timezone": "America/Fortaleza"
                                            13
                                            14
                                            15
                                            16
                                                             "_links": [
                                                                 £
                                            18
                                                                     "rel": "self",
                                                                     "path": "/workout/12"
                                            19
                                            20
                                            21
                                            22
                                                         3,
                                            23
                                                             "id": 13,
                                            24
                                            25
                                                             "title": "Pernas",
                                            26
                                                             "description": "Bumbum durinho",
```

# 5.6 search all workouts by person

#### **Method HTTP GET**

{{base}}/person/workouts/{id} -> queryParam id workouts

```
GET \( \{\{\base\}\}/\person/\text{workout/8}
                                                                                                                                  Send
 Params v
                                           Body ~
                                                                                                   200 OK 899 ms 550 B Save Response V
Query Params
                                           Pretty
                                                       Raw Preview Visualize JSON V =
                                                                                                                                    □ Q
     KEY VA... DESCRIP ••• Bulk Edit
                                               1 {
                                                        "sucess": true,
     Key Val... Description
                                                        "data": {
    "id": "8",
                                                           "firstName": "admin",
"lastName": " ACESSO",
                                                            "workouts": [
                                               8
                                                                    "id": "14",
"title": "Pernas",
                                              10
                                              11
                                                                    "description": "Bumbum durinho Update 14"
                                                                    "id": "16",
"title": "Pernas",
                                              15
                                                                    "description": "Bumbum durinho"
                                              16
                                              17
                                              18
                                                                    "id": "17",
                                                                    "title": "Pernas",
                                              21
                                                                    "description": "Bumbum durinho"
                                              22
                                              23
                                                               £
                                                                    "id": "18",
"title": "Pernas",
                                              24
                                              25
                                                                    "description": "Bumbum durinho"
```

# **Comments**

Method	Route	description
POST	/workout/comments	create a new comments
PUT	/workout/comments/{id}	update a new comments
DELETE	/workout/comments/{id}	delete a new comments
GET	/workout/comments/{id}	search for a comments by id
GET	/workouts/comments	search all comments
GET	/workouts/{id}/comments	search all comments by workouts

#### 6. Comments

#### 6.1 create comments

#### **Method HTTP POST**

{{base}}/workout/comments

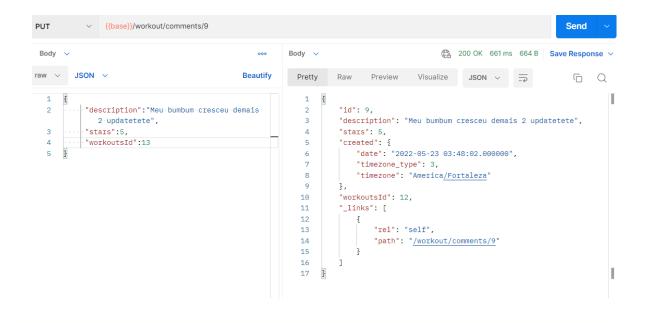
Parameter	Mandatory	Туре	Description
description	yes	String	Comments entered
starts	yes	Integer	Stars of enjoy the workout
workoutsId	yes	Integer	Workout id

```
POST
                                                                             201 Created 844 ms 643 B Si
 Body ~
                                            Body ~
raw V JSON V
                                   Beautify
                                                                     Visualize JSON ∨ =
                                             Pretty
  1
  2
         description": "estrelas",
                                               2
                                                      "id": 8,
  3
         "stars":5,
                                               3
                                                      "description": "estrelas",
         workoutsId":12
                                                      "stars": 5,
  4
                                               4
                                                      "created": {
                                               5
  5
                                                        "date": "2022-05-23 03:46:45.000000",
                                               6
                                                        "timezone_type": 1,
                                                        "timezone": "+00:00"
                                               8
                                               9
                                              10
                                                      "workoutsId": 12,
                                              11
                                                      "_links": [
                                              12
                                                        -{
                                                            "rel": "self",
                                              13
                                                            "path": "/workout/comments/8"
                                              14
                                              15
                                              16
                                              17
```

### 6.2 update comments

#### **Method HTTP PUT**

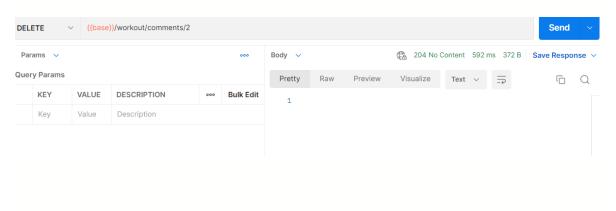
# {{base}}/workout/comments/{id} -> queryParam id comments



#### 6.3 delete comments

#### **Method HTTP DELETE**

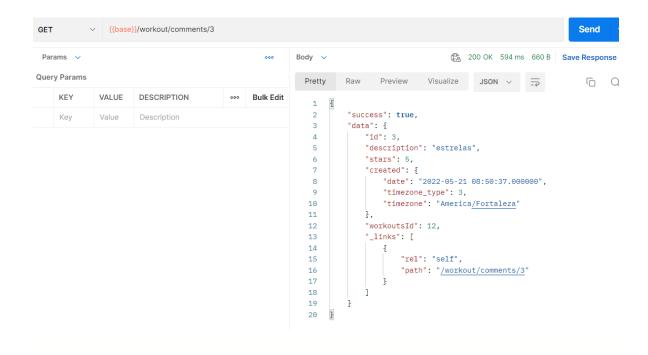
{{base}}/workout/comments/{id} -> queryParam id comments



### 6.4 find by id

#### **Method HTTP GET**

{{base}}/workout/comments/{id} -> queryParam id comments



#### 6.5 find all

#### **Method HTTP GET**

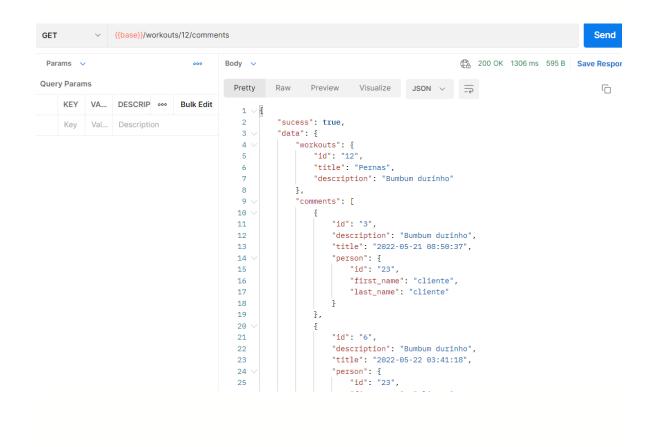
{{base}}/workout/comments

```
GET
          {{base}}/workouts/comments
 Params V
                                      Body ~
                                                                                       200 OK 586 ms 757 B Save R
Query Params
                                                       Preview Visualize JSON V =
                                       Pretty
    KEY VA... DESCRIP ***
                            Bulk Edit
                                                "success": true,
    Key Val... Description
                                                "page": 1,
                                         3
                                                 "itemsPerPage": 10,
                                         4
                                                "data": [
                                         5
                                         6
                                                        "id": 3,
                                         8
                                                        "description": "estrelas",
                                                        "stars": 5,
                                                        "created": {
                                        10
                                                           "date": "2022-05-21 08:50:37.000000",
                                        11
                                                           "timezone_type": 3,
"timezone": "America/Fortaleza"
                                        12
                                        13
                                        14
                                                        "workoutsId": 12,
                                        15
                                        16
                                                        "_links": [
                                        17
                                        18
                                                               "rel": "self",
                                        19
                                                               "path": "/workout/comments/3"
                                        20
                                        21
                                        22
                                                    3,
                                        23
                                        24
                                                        "id": 6,
                                        25
                                                        "description": "estrelas",
                                                        "stars": 5,
                                        26
```

# 6.6 search all comments by workouts

#### **Method HTTP GET**

{{base}}/workout/{id}/comments -> queryParam id workouts



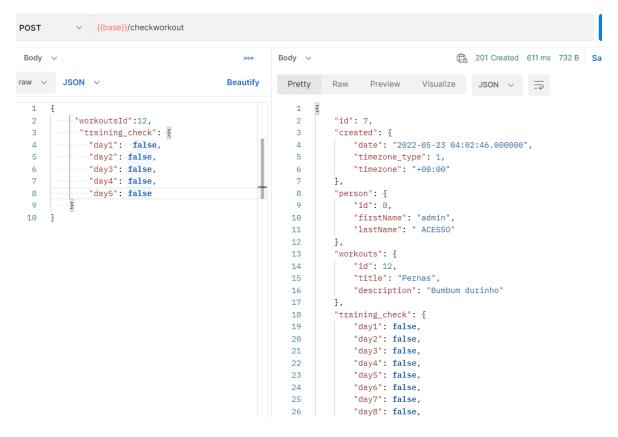
## 7. Check Workouts

#### 7.1 create check Workouts

#### **Method HTTP POST**

# {{base}}/checkworkout

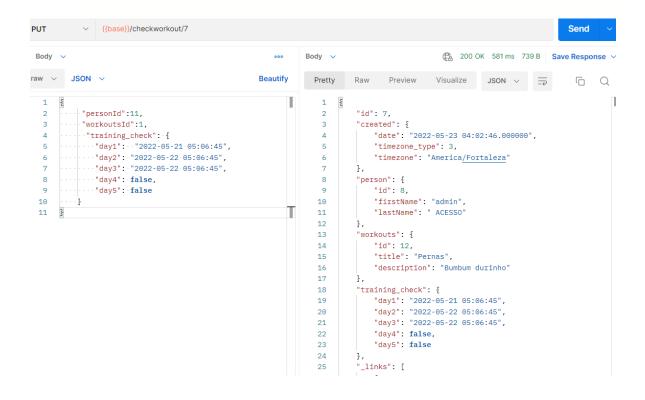
Parameter	Mandatory	Туре	Description
workoutsId	yes	Integer	Workouts id
Training_check	yes	Array	Days training



#### 7.2 update check Workouts

#### **Method HTTP PUT**

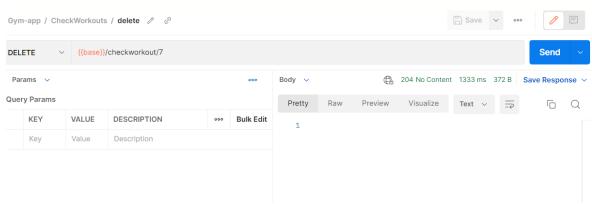
{{base}}/checkworkout/{id} -> -> queryParam id checworkouts



#### 7.3 delete check Workouts

#### **Method HTTP DELETE**

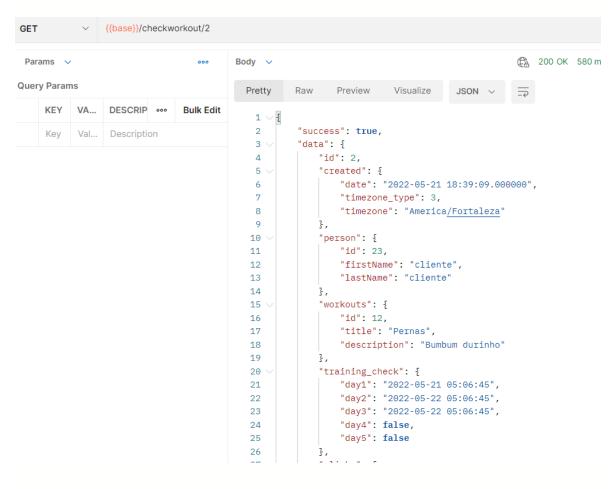
{{base}}/checkworkout/{id} -> -> queryParam id checworkouts



#### 7.4 find by id check Workouts

#### **Method HTTP GET**

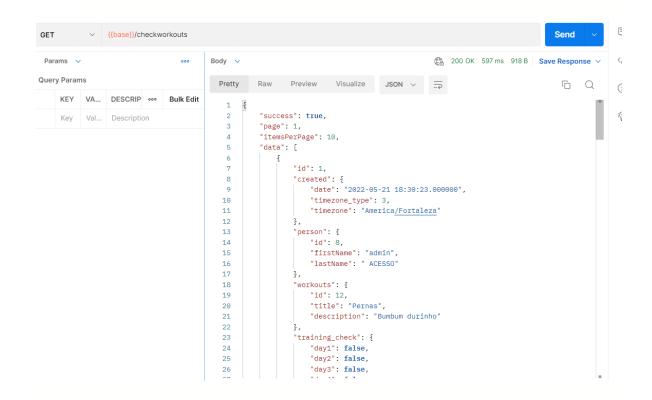
{{base}}/checkworkout/{id} -> -> queryParam id checworkouts



#### 7.5 find all check Workouts

#### **Method HTTP GET**

# {{base}}/checkworkout



## 7.6 search all comments by workouts

#### **Method HTTP GET**

{{base}}/checkworkout/person/{id} -> -> queryParam id person

