

Meet Lisbon

Afonso Goulart (20211056), Maria Martins (20211010) e Mário Nascimento (20210387)

Universidade Europeia, IADE – curso de Engenharia Informática

Trabalho realizado no âmbito da unidade curricular de Projeto de Desenvolvimento Móvel

sob a supervisão do professor Pedro Rosa

Lisboa, 06 de outubro de 2022

Link para o repositório GitHub: <https://github.com/orgs/Meet-Lisbon/repositories>

Documentação REST

Índice

Health -----	3
Authentication -----	4
Users -----	7
Place -----	14
Route -----	18

Health

getHealth

Description

These endpoints will be responsible for returning information regarding the health and overall state of the server.

/api/health (**get**)

Usage and SDK Samples

```
$ curl \
-X GET https://api.meetlisbon.pt/api/health
```

Response

Example 1)

- 200 OBJECT

GET /health OK

Response example

Example 1)

```
{
  "status": "OK"
}
```

Authentication

login

Description

You must supply a Bearer token for Authorization. You will receive the token after logging in.

/api/login (**post**)

Usage and SDK Samples

```
$ curl \
-X POST https://api.meetlisbon.pt/api/login \
-H "Content-Type: application/json" \
-d '{"usrName":"maria","usrPassword":"test123}"'
```

Responses

Example 1)

• 200 OBJECT

Success

Example 2)

• 400 OBJECT

Malformed body

Example 3)

• 401 OBJECT

Invalid credentials

Example 4)

• 500 OBJECT

Invalid object

Response examples

Example 1)

```
{  
  "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJtYXJpYSIsImF1d..."  
}
```

Example 2)

```
{  
  "message": "Bad Request"  
}
```

Example 3)

```
{  
  "message": "Invalid credentials"  
}
```

Example 4)

```
{  
  "message": "Internal Server Error"  
}
```

Refresh**Description**

It generates a new token with a new expiration date.

/api/token/refresh(**get**)

Usage and SDK Samples

```
$ curl \  
-X GET https://api.meetlisbon.pt/api/token/refresh
```


Users

createUser

Description

This will create a user on our database.

/api/user/register **(post)**

Usage and SDK Samples

curl \

-X POST https://api.meetlisbon.pt/api/user/register \

-H "Content-Type: application/json" \

-d

```
{"firstName": "Mariaa", "lastName": "Martins", "usrEmail": "maria.omcmartins@gmail.com", "usrName": "mariaaaa", "usrPassword": "password"}
```

Request exemple

```
{
  "firstName": "Maria",
  "lastName": "Maretins",
  "usrEmail": "mnaiasadasdd@gmail.com",
  "usrName": "mariamartins04",
  "usrPassword": "usrPAss"
}
```

Responses

Example 1)

• 201

Success

Example 2)

• 400 OBJECT

Invalid object

Example 3)

- **409** OBJECT

Already exists

Response examples

Example 2)

```
{
  "message": "Bad request"
}
```

Example 3)

```
{
  "message": "User already exists"
}
```

deleteUser

Description

This will delete the user on our database.

/api/user (**delete**)

Usage and SDK Samples

```
$ curl \
-X DELETE https://api.meetlisbon.pt/api/user \
-H "Content-Type: text/plain"
```

Responses

Example 1)

- **204**

Success by username

Example 2)

- 403

No authorization

Example 3)

- 404 OBJECT

Not found

Response examples

Example 3)

```
{
  "message": "User not found"
}
```

deleteUsers**Description**

This will delete all users from our database.

/user/all (delete)**Usage and SDK Samples**

```
$ curl \
-X DELETE https://api.meetlisbon.pt/user/all
```

Responses

Example 1)

- 204

Success

Example 2)

- 403

Invalid authentication

getUsers

Description

This will show all users on our database.

/api/user/all (**get**)

Usage and SDK Samples

```
$ curl \
-X GET https://api.meetlisbon.pt/api/user/all
```

Responses

Example 1)

- 200 ARRAY[OBJECT]

Successful

Example 2)

- 403

Invalid authentication

Response example

Example 1)

```
{
  "createdAt": "2022-12-04T18:24:50.180845Z",
  "id": "f0be806d-034c-49ca-b743-a40b3b742b0a",
  "updatedAt": "2022-12-04T18:24:50.180845Z",
  "usrActive": true,
  "usrEmail": "francisco@gmail.com",
  "usrEmailVerified": false,
  "usrFirstName": "Francisco",
  "usrLastName": "Traquete",
  "usrName": "frant7",
  "usrRole": "user"
},
{
  "createdAt": "2022-12-04T18:24:50.185095Z",
  "id": "a93435d9-4e78-4c2a-9498-3611214349c7",
  "updatedAt": "2022-12-04T18:24:50.185095Z",
  "usrActive": true,
  "usrEmail": "maria@gmail.com",
  "usrEmailVerified": false,
  "usrFirstName": "Maria",
  "usrLastName": "Martins",
  "usrName": "maria",
  "usrRole": "admin"
},
```

getUser**Description**

This will show a specific user that's registered in the app.

/api/user (**get**)

Usage and SDK Samples

```
$ curl \
-X GET https://api.meetlisbon.pt/api/user
```

Response

Example 1)

• 200 OBJECT

Success by username

Example 2)

• 403

Invalid authentication

Example 3)

• 404 OBJECT

User not found

Response examples

Example 1)

```
{
  "createdAt": "2022-12-04T18:24:50.185095Z",
  "id": "a93435d9-4e78-4c2a-9498-3611214349c7",
  "updatedAt": "2022-12-04T18:24:50.185095Z",
  "usrActive": true,
  "usrEmail": "maria@gmail.com",
  "usrEmailVerified": false,
  "usrFirstName": "Maria",
  "usrLastName": "Martins",
  "usrName": "maria",
  "usrPasswordHash": "test123",
  "usrRole": "admin"
}
```

Example 2)

```
{
  "message": "User not found"
}
```

updateUser

Description

This will allow modifications to the information that was given when the user was created.

/api/user/update/darkarp (**patch**)

Usage and SDK Samples

```
$ curl \
  -X PATCH https://api.meetlisbon.pt/api/user/update/darkarp \
  -H "Content-Type: application/json" \
  -d '{"usrEmail":"blah","usrFirstName":"woohoop"}'
```

Request Example

```
{
  "message": "User not found"
}
```

Response

Example 1)

- 204

Success

Example 2)

- 403

Invalid authentication

Place

getPlaces

Description

This will get all places from our database.

/api/place/all (**get**)

Usage and SDK Samples

```
$ curl \
-X GET https://api.meetlisbon.pt/api/place/all
```

Response

Example 1)

- 200 ARRAY[OBJECT]

Success

Example 2)

- 403

Invalid authentication

Response example

Example 1)

```
{
  "createdAt": "2022-12-04T18:24:50.187999Z",
  "id": "03709f90-469f-4a78-825c-ff146c62be1e",
  "placeAddress": "Av. Brasília, 1400-038 Lisboa",
  "placeDescription": null,
  "placeLatitude": "38.693684904994186",
  "placeLongitude": "-9.205737120817991",
  "placeName": "Padrão dos Descobrimentos",
  "updatedAt": "2022-12-04T18:24:50.187999Z"
},
{
  "createdAt": "2022-12-04T18:24:50.188788Z",
  "id": "cffe9d8-5deb-4228-b867-aaf87686462e",
  "placeAddress": "Av. Brasília, 1400-038 Lisboa",
  "placeDescription": null,
  "placeLatitude": "38.69166125982115",
  "placeLongitude": "-9.215841104472132",
  "placeName": "Torre de Belém",
  "updatedAt": "2022-12-04T18:24:50.188788Z"
},
```

creatPlace**Description**

This will create one place on our database.

/api/place **(post)**

Usage and SDK Samples

```
$ curl \
  -X POST https://api.meetlisbon.pt/api/place \
  -H "Content-Type: application/json" \
  -d '{"placeName":"Local de teste 23"}
```

Request exemple

```
{
  "placeName": "Local de teste 23"
}
```

Response

Example 1)

• 201

Success

Example 2)

• 409 OBJECT

Already exists

Example 3)

• 500 OBJECT

Invalid object

Response examples

Example 2)

```
{
  "message": "Place already exists"
}
```

Example 3)

```
{
  "message": "Internal Server Error"
}
```

updatePlace**Description**

This will update the information of one place that's on our database.

/api/place/update/Local de teste 29 (**patch**)

Usage and SDK Samples

```
$ curl \
-X PATCH https://api.meetlisbon.pt/api/place/update/Local de teste 29 \
-H "Content-Type: application/json" \
-d '{"placeName":"Local de teste 24"}
```

Request

```
{
  "placeName": "Local de teste 24"
}
```

Response

Example 1)

- 204

Success

Example 2)

- 403

Invalid authentication

Example 3)

- 404 OBJECT

Not found

Response example

Example 3)

```
{  
  "message": "Place not found"  
}
```

Route

getRoutes

Description

This will get all routes from our database.

/api/route/all (**get**)

Usage and SDK Samples

```
$ curl \
-X GET https://api.meetlisbon.pt/api/route/all
```

Response

Example 1)

• 200 ARRAY

Success

Example 2)

• 403

Invalid authentication

Response example

Example 1)

```
{
  "value": []
}
```