

# API Documentation - "Users"

## Introduction

This is the documentation for Version 0 of the API "Users"

## Response Formats

The default response format is JSON application/json.

## Authentication

The API does not require any authentication.

## Prefix

All Routes / End Points need to be prefixed with `mpp.erikpineiro.se/dbp/users/`

## Resources

### USER

```
{
  id: id,
  firstName: string,
  lastName: string,
  born: number
}
```

## Response Codes

Possible Response Status Codes:

- 200 (ok)
- 400 Bad Request (bad JSON-format, for instance)
- 405 (HTTP Method not allowed)
- 415 (Unsupported Media Type)

## All Routes / Endpoints

### USER

#### GET ALL USERS

General Access: / will respond with an array of all users in the DB.

Special Response Status Codes: None

Response: An array of all users

Example

`mpp.erikpineiro.se/dbp/users/`

#### ADD USER

Access: /

Method: POST

Required headers: "Content-type": "application/json; charset=UTF-8"

Data to the server must be sent in JSON-format.

Special Response Status Codes:

409 (Conflict: A user with same First and Last names is already in place)

If all goes well, the server will respond with the object it just added.

#### Example

```
endpoint: mpp.erikpineiro.se/dbp/users/  
method: POST  
headers: "Content-type": "application/json; charset=UTF-8"  
body: '{"firstName": "fn", "lastName": "ln", "born": year}'  
// This will add a user with first name "fn", last name "ln" and born year.
```

### REMOVE USER

Access: /

Method: DELETE

Required headers: "Content-type": "application/json; charset=UTF-8"

Data to the server must be sent in JSON-format.

Special Response Status Codes:

404 Not found (the specified id is not in the DB)

If all goes well, the server will respond with the id it just removed.

#### Example

```
endpoint: mpp.erikpineiro.se/dbp/users/  
method: DELETE  
headers: "Content-type": "application/json; charset=UTF-8"  
body: '{"id": user_id}'  
// This will remove the user with the id user_id
```

### UPDATE USER

Access: /

Method: PATCH

Required headers: "Content-type": "application/json; charset=UTF-8"

Data to the server must be sent in JSON-format. Updates the sent keys for the user specified by the id.

Special Response Status Codes:

404 Not found (the specified id is not in the DB)

If all goes well, the server will respond with the user object after the update.

#### Examples

```
endpoint: mpp.erikpineiro.se/dbp/users/  
method: PATCH  
headers: "Content-type": "application/json; charset=UTF-8"  
General: body: '{"id": user_id, "key": "value"}'
```

Example: body: '{"id": 1, "lastName": "Yoman"}'

Example: body: '{"id": 3, "born": 1954}'