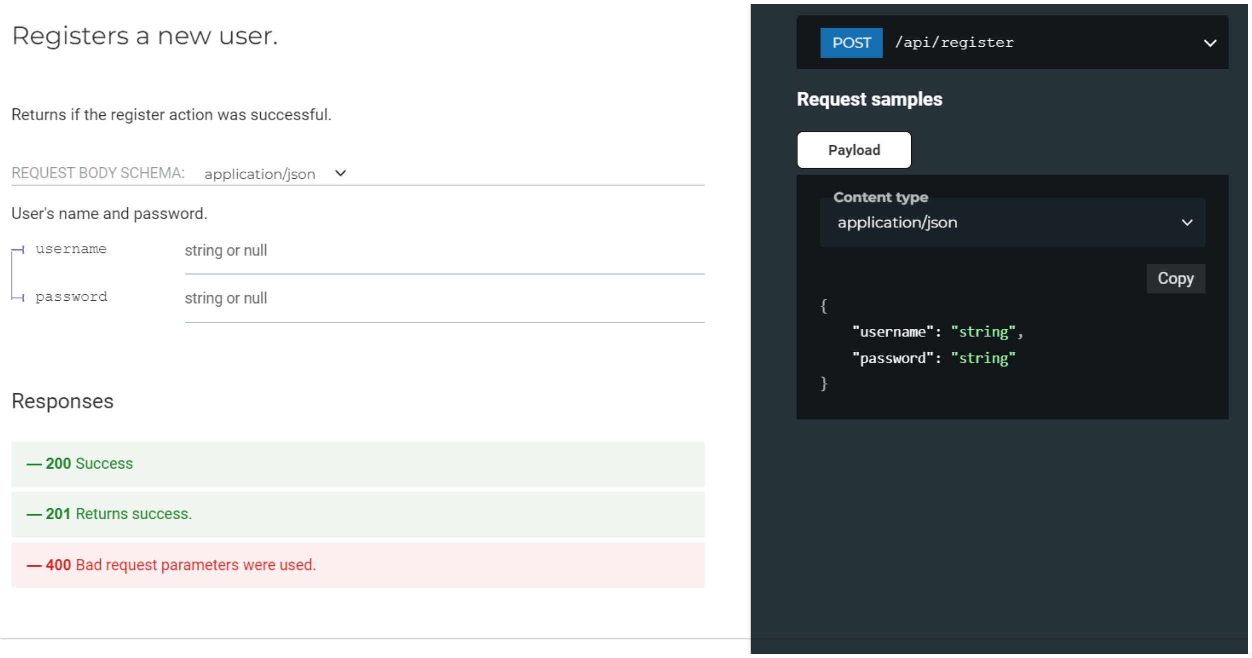
API dokumentacija



Registers a new user.

Returns if the register action was successful.

REQUEST BODY SCHEMA: application/json

User's name and password.

username	string or null
password	string or null

Responses

— **200** Success

— **201** Returns success.

— **400** Bad request parameters were used.

POST /api/register

Request samples

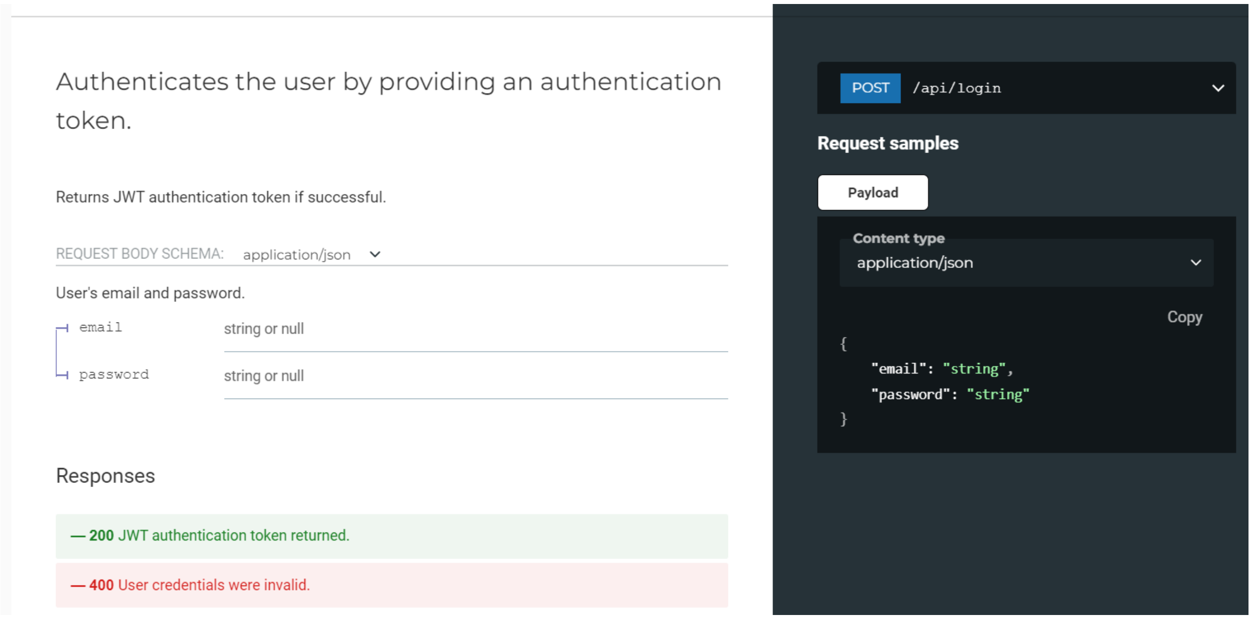
Payload

Content type

application/json

Copy

```
{
    "username": "string",
    "password": "string"
}
```



Authenticates the user by providing an authentication token.

Returns JWT authentication token if successful.

REQUEST BODY SCHEMA: application/json

User's email and password.

email	string or null
password	string or null

Responses

— **200** JWT authentication token returned.

— **400** User credentials were invalid.

POST /api/login

Request samples

Payload

Content type

application/json

Copy

```
{
    "email": "string",
    "password": "string"
}
```

Dormitory

Gets all available dormitories.

`GET /api/Dormitories`

Returns all dormitories.

Responses

— **200** List of dormitories.

Creates a new dormitory.

`POST /api/Dormitories`

QUERY PARAMETERS

`name`	string Dormitory name.
`address`	string Dormitory's address.
`roomCapacity`	integer <int32> Dormitory's room capacity.

Responses

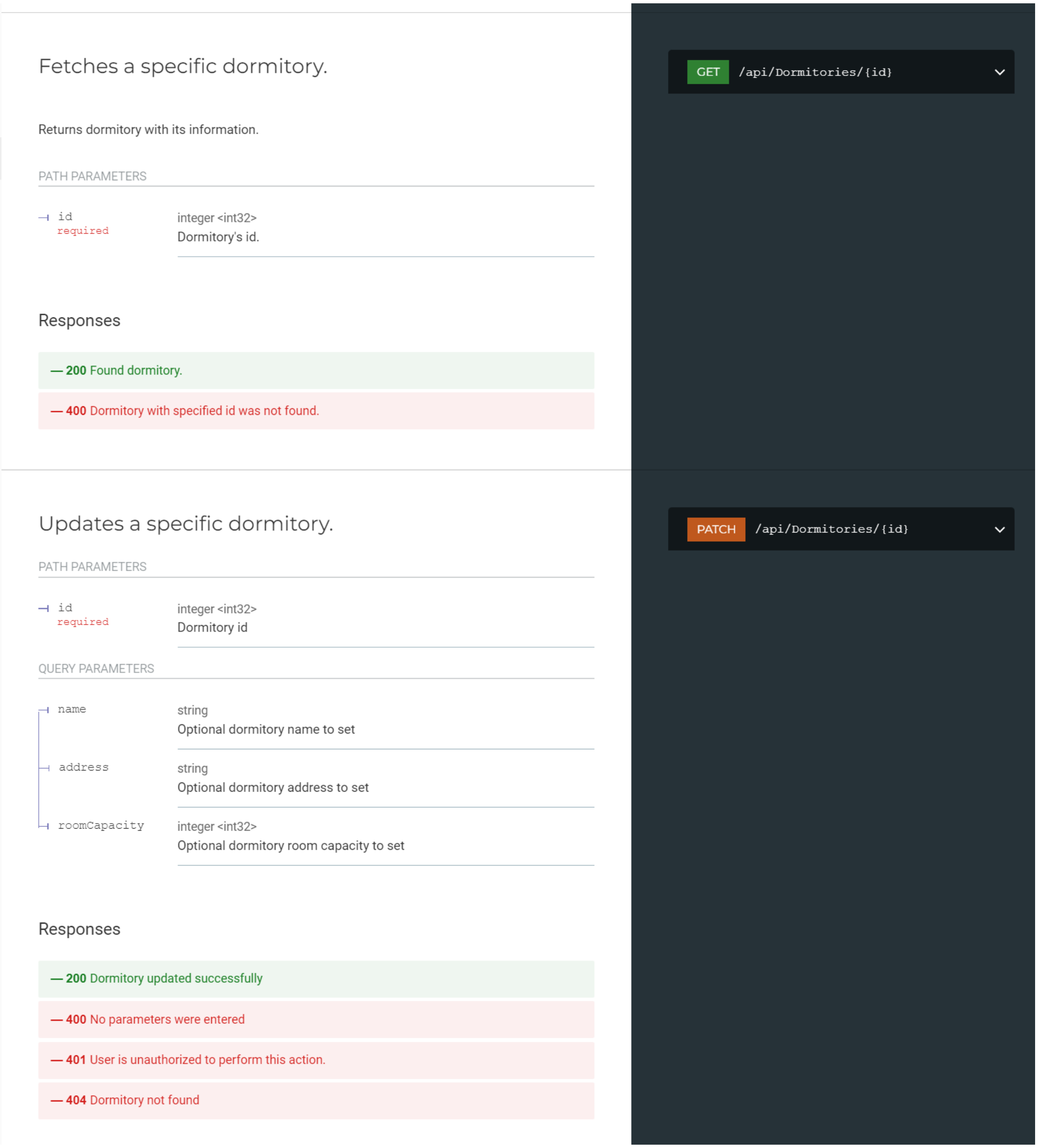
— **200** Success

— **201** Dormitory created successfully.

— **400** Invalid parameters were entered.

— **401** User is unauthorized to perform this action.

— **409** Dormitory with the same name already exists.



Fetches a specific dormitory.

Returns dormitory with its information.

PATH PARAMETERS

`id` required	integer <int32> Dormitory's id.

Responses

— **200** Found dormitory.

— **400** Dormitory with specified id was not found.

GET `/api/Dormitories/{id}`

Updates a specific dormitory.

PATH PARAMETERS

`id` required	integer <int32> Dormitory id

QUERY PARAMETERS

`name`	string Optional dormitory name to set
`address`	string Optional dormitory address to set
`roomCapacity`	integer <int32> Optional dormitory room capacity to set

Responses

— **200** Dormitory updated successfully

— **400** No parameters were entered

— **401** User is unauthorized to perform this action.

— **404** Dormitory not found

PATCH `/api/Dormitories/{id}`

Deletes a specific dormitory.

PATH PARAMETERS

id required	integer <int32> Dormitory id

Responses

- — **200** Dormitory deleted successfully
- — **401** User is unauthorized to perform this action.
- — **404** Dormitory not found

DELETE `/api/Dormitories/{id}`

Floor

Gets all floors

GET /api/Floors

Responses

— **200** List of all floors returned

— **401** User is unauthorized to perform this action

Creates a new floor

POST /api/Floors

QUERY PARAMETERS

`dormId`	integer <int32> Dormitory id the floor belongs to
`number`	integer <int32> Floor's number (related to its elevation)

Responses

— **200** Success

— **201** Floor created

— **401** User is unauthorized to perform this action

— **404** Dormitory with specified id was not found

— **409** Floor with specified number already exists

Fetches a specific floor

GET /api/Floors/{id}

PATH PARAMETERS

`id` `required`	integer <int32> Floor's id

Responses

— **200** User is not authorized to perform this action

— **404** Floor with specified id was not found

Updates a specific floor's properties

PATH PARAMETERS

`id` required	integer <int32> Floor's id

QUERY PARAMETERS

`number`	integer <int32> Optional dorm number to set
`dormId`	integer <int32> Optional dorm id to set

Responses

— **200** Floor was updated successfully

— **401** User is unauthorized to perform this action

— **404** Floor with specified id was not found

PATCH `/api/Floors/{id}`

Deletes a specified floor

PATH PARAMETERS

`id` required	integer <int32> Floor's id

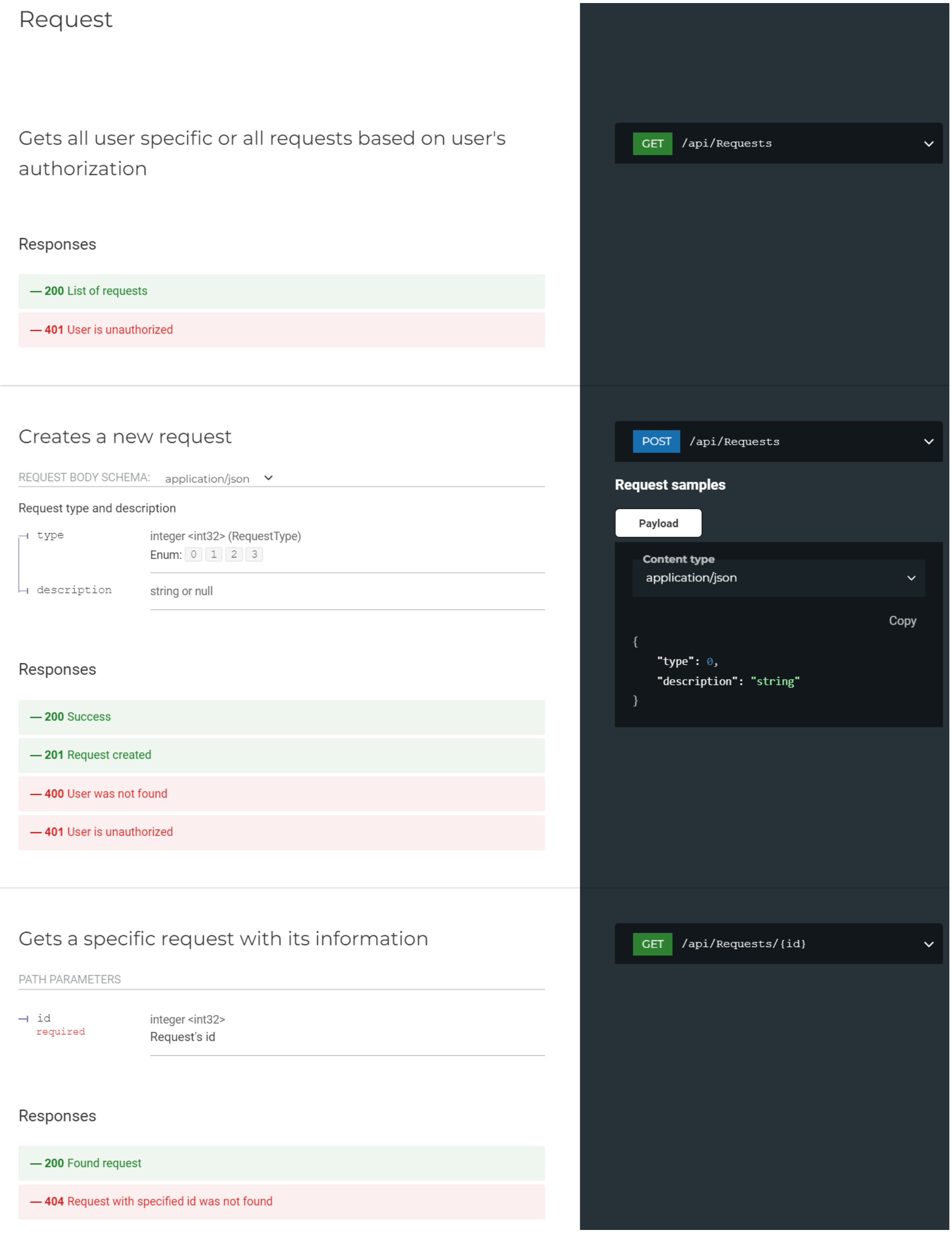
Responses

— **200** Floor was deleted successfully

— **401** User is unauthorized to perform this action

— **404** Floor with specified id was not found

DELETE `/api/Floors/{id}`



Request

Gets all user specific or all requests based on user's authorization

GET /api/Requests

Responses

— **200** List of requests

— **401** User is unauthorized

Creates a new request

POST /api/Requests

REQUEST BODY SCHEMA: application/json

Request type and description

type	integer <int32> (RequestType) Enum: 0 1 2 3
description	string or null

Responses

— **200** Success

— **201** Request created

— **400** User was not found

— **401** User is unauthorized

Request samples

Payload

Content type
application/json

Copy

```
{
    "type": 0,
    "description": "string"
}
```

Gets a specific request with its information

GET /api/Requests/{id}

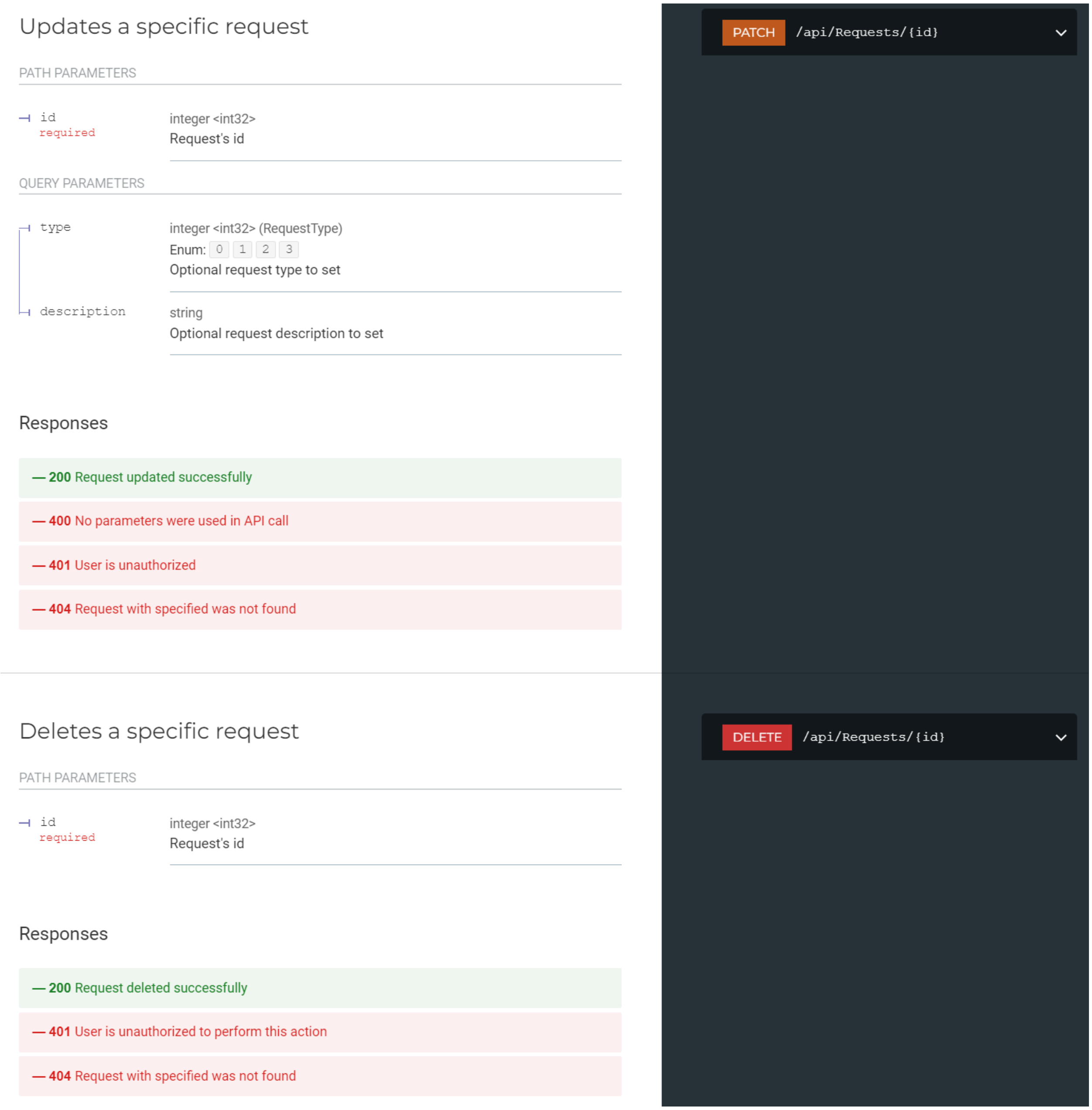
PATH PARAMETERS

id required	integer <int32> Request's id

Responses

— **200** Found request

— **404** Request with specified id was not found



Updates a specific request

PATH PARAMETERS

`id` required	integer <int32> Request's id

QUERY PARAMETERS

`type`	integer <int32> (RequestType) Enum: `0` `1` `2` `3` Optional request type to set
`description`	string Optional request description to set

Responses

— **200** Request updated successfully

— **400** No parameters were used in API call

— **401** User is unauthorized

— **404** Request with specified was not found

Deletes a specific request

PATH PARAMETERS

`id` required	integer <int32> Request's id

Responses

— **200** Request deleted successfully

— **401** User is unauthorized to perform this action

— **404** Request with specified was not found

Room

Gets all rooms and their data

GET /api/Rooms

Responses

— **200** List of all rooms

— **401** User is unauthorized to perform this action

Creates a new room

POST /api/Rooms

QUERY PARAMETERS

`floorId`	integer <int32> Floor id
`number`	integer <int32> Room number
`numberOfLivingPlaces`	integer <int32> How many living places are in a room
`area`	number <double> Room's area

Responses

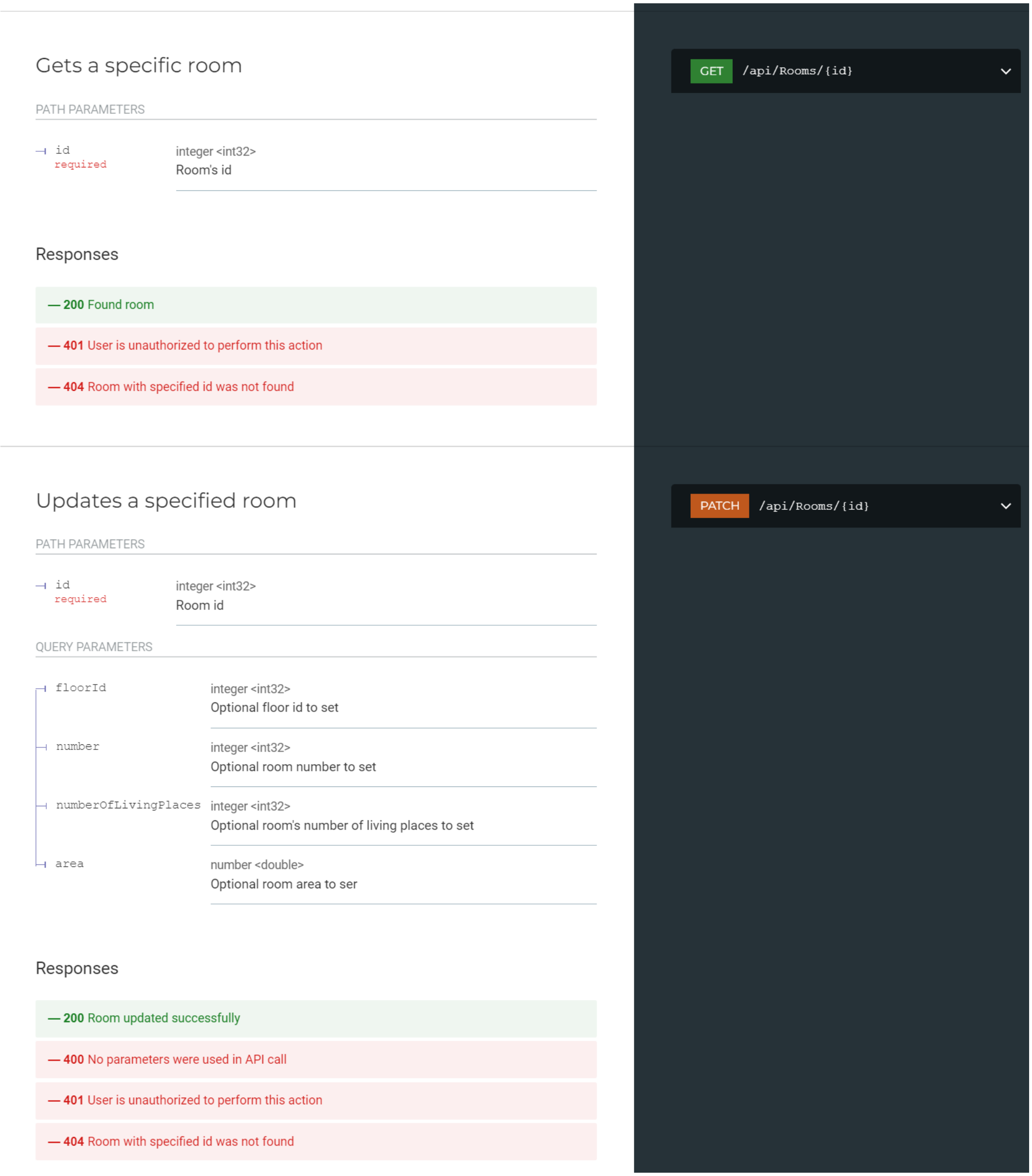
— **200** Success

— **201** Room created successfully

— **401** User is unauthorized to perform this action

— **404** Floor with specified id was not found

— **409** Room with specified number already exists



Gets a specific room

PATH PARAMETERS

id required	integer <int32> Room's id

Responses

— **200** Found room

— **401** User is unauthorized to perform this action

— **404** Room with specified id was not found

Updates a specified room

PATH PARAMETERS

id required	integer <int32> Room id

QUERY PARAMETERS

floorId	integer <int32> Optional floor id to set
number	integer <int32> Optional room number to set
numberOfLivingPlaces	integer <int32> Optional room's number of living places to set
area	number <double> Optional room area to ser

Responses

— **200** Room updated successfully

— **400** No parameters were used in API call

— **401** User is unauthorized to perform this action

— **404** Room with specified id was not found

Deletes a specific room

DELETE `/api/Rooms/{id}`

PATH PARAMETERS

`id` `required`	integer <int32> Room id to delete

Responses

— **200** Room deleted successfully

— **404** Room with specified id was not found

Hierarchical room searched based on dormitory and, optionally, floor

GET `/api/Rooms/GetSpecificRooms`

QUERY PARAMETERS

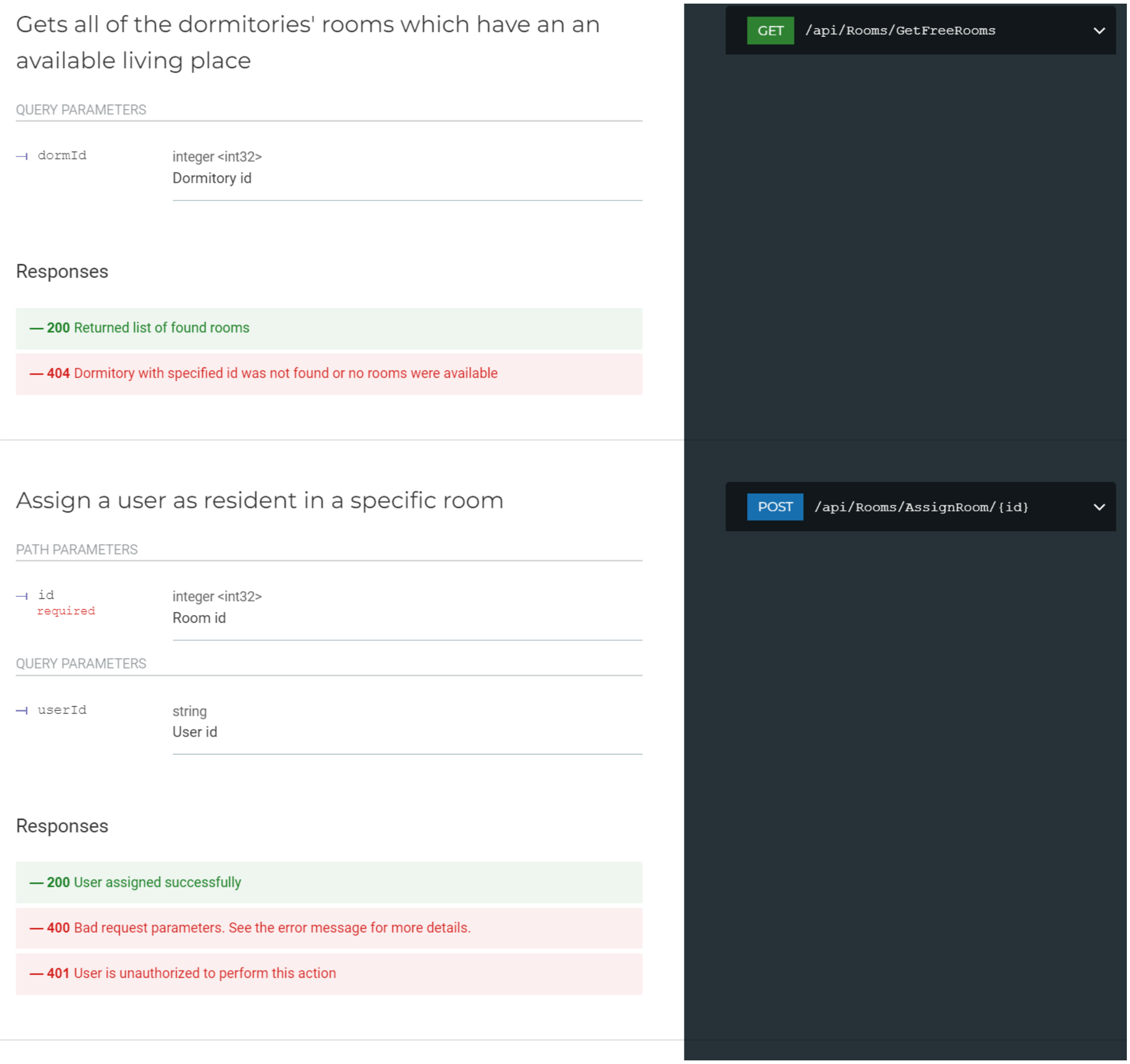
`dormId`	integer <int32> Dormitory id
`FloorId`	integer <int32> Optional floor id
`RoomId`	integer <int32> Optional room id

Responses

— **200** Returned list of all rooms

— **401** User is unauthorized to perform this action

— **404** Dormitory, floor or room with specified id was not found.



Gets all of the dormitories' rooms which have an an available living place

QUERY PARAMETERS

dormId	integer <int32> Dormitory id

Responses

— **200** Returned list of found rooms

— **404** Dormitory with specified id was not found or no rooms were available

```
/api/Rooms/GetFreeRooms
```

Assign a user as resident in a specific room

PATH PARAMETERS

id required	integer <int32> Room id

QUERY PARAMETERS

userId	string User id

Responses

— **200** User assigned successfully

— **400** Bad request parameters. See the error message for more details.

— **401** User is unauthorized to perform this action

```
/api/Rooms/AssignRoom/{id}
```

Remove a user as resident in a specific room

PATH PARAMETERS

id required	integer <int32> Room id

QUERY PARAMETERS

userId	string User id

Responses

— **200** User assigned successfully

— **400** Bad request parameters. See the error message for more details.

— **401** User is unauthorized to perform this action

POST /api/Rooms/RemoveFromRoom/{id}

User

Gets all users

PATH PARAMETERS

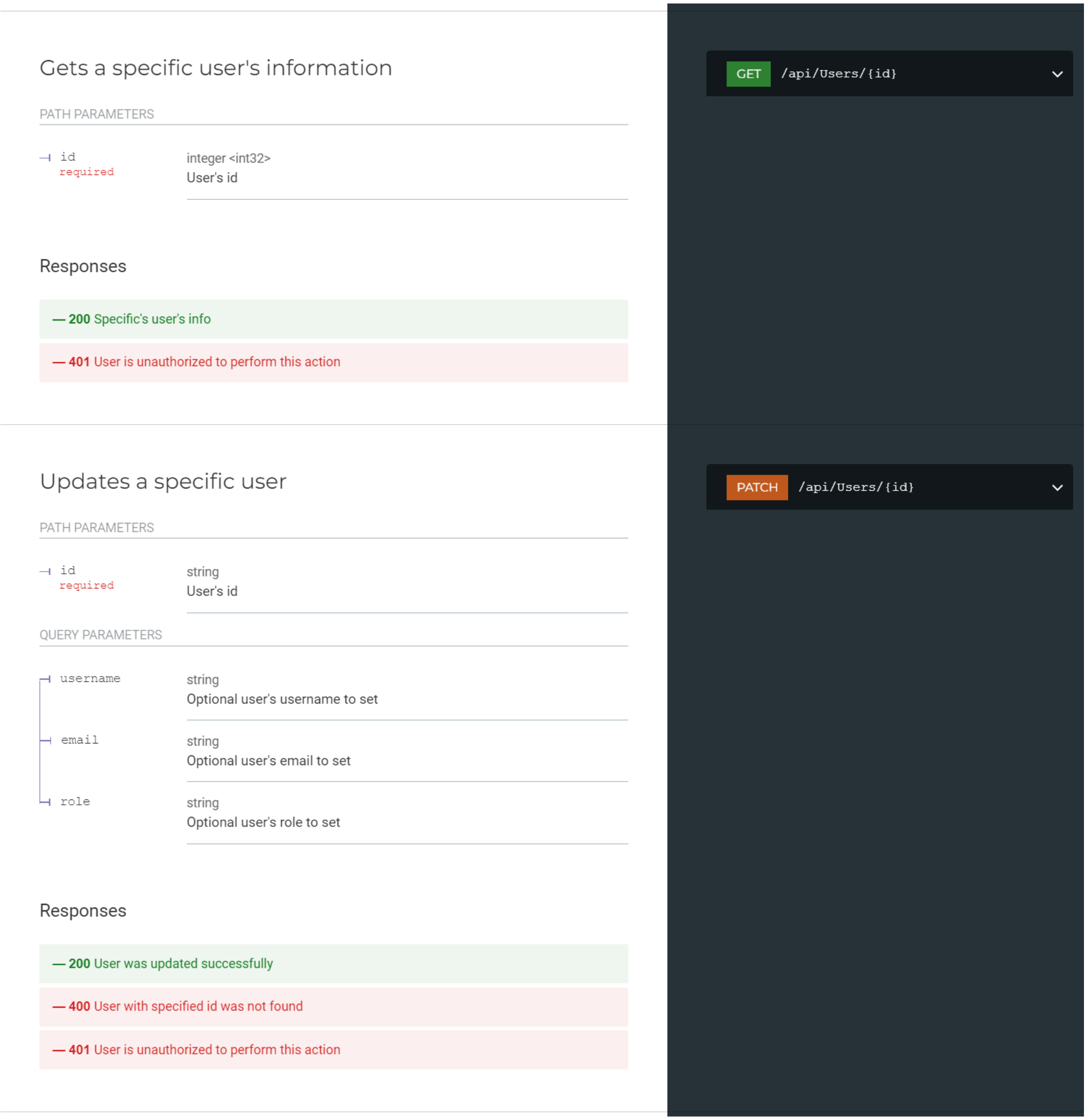
id required	string

Responses

— **200** List of all users

— **401** User is unauthorized to perform this action

POST /api/Users/AssignRoom/{id}



Gets a specific user's information

PATH PARAMETERS

id required	integer <int32> User's id

Responses

— **200** Specific's user's info

— **401** User is unauthorized to perform this action

Updates a specific user

PATH PARAMETERS

id required	string User's id

QUERY PARAMETERS

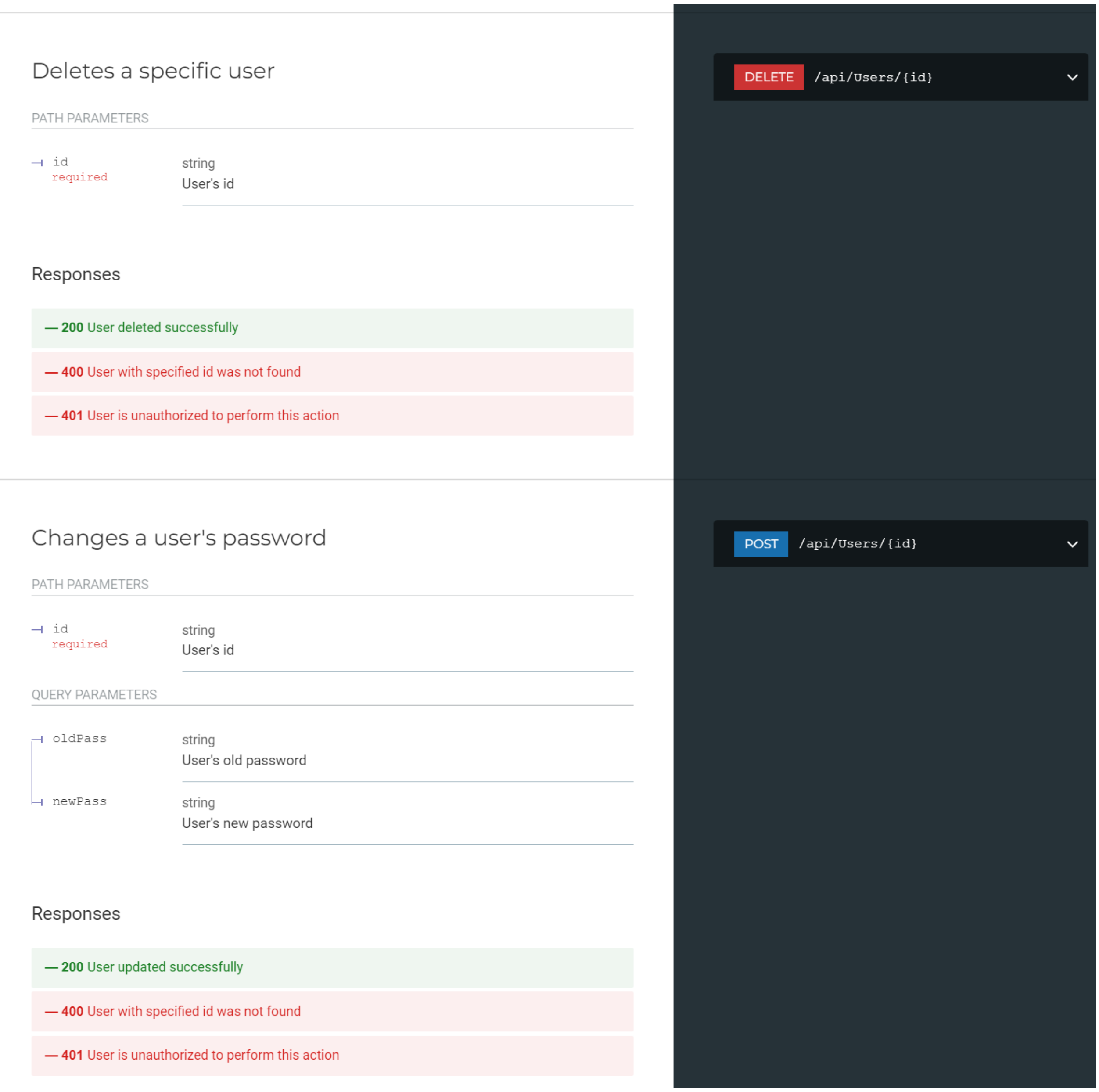
username	string Optional user's username to set
email	string Optional user's email to set
role	string Optional user's role to set

Responses

— **200** User was updated successfully

— **400** User with specified id was not found

— **401** User is unauthorized to perform this action



Deletes a specific user

PATH PARAMETERS

id required	string User's id

Responses

— **200** User deleted successfully

— **400** User with specified id was not found

— **401** User is unauthorized to perform this action

Changes a user's password

PATH PARAMETERS

id required	string User's id

QUERY PARAMETERS

oldPass	string User's old password
newPass	string User's new password

Responses

— **200** User updated successfully

— **400** User with specified id was not found

— **401** User is unauthorized to perform this action