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| --- |
| Igor Isailovic |
| Team management app – API |
|  |

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# **Team management app API overview**

Through the team management app – API service (*Application Programming Interface*), users can:

**User CRUD:**

* Sign in.
* Sign up.
* Get all Users
* Get one user by name
* Get one user by id
* Delete user
* Add user to a team
* Assign a task to a user
* Update user password
* Get all users for the specific team
* Get all users for the specific task

**Team CRUD:**

* Get all teams
* Get team by name
* Get team by id
* Add a team
* Update a team
* Delete a team
* Get all teams for the specific User
* Get all teams for the specific task

**Task CRUD:**

* Get all task
* Get task by id
* Get all tasks for the specific user(id)
* Get all tasks for the specific user(name)
* Get all tasks for the specific team
* Change task status
* Add a task
* Update a task
* Delete a task

# **Users**

## **Sign in**

## Description

Used for signing in. Username and password are sent via the request to the server. If the request was valid server responds with a jwt token for specified user.

## Request

### URL

**/users/signin**

### Method

POST

### Headers

Empty

### Body

Data sent in the body is of type JSON:

{

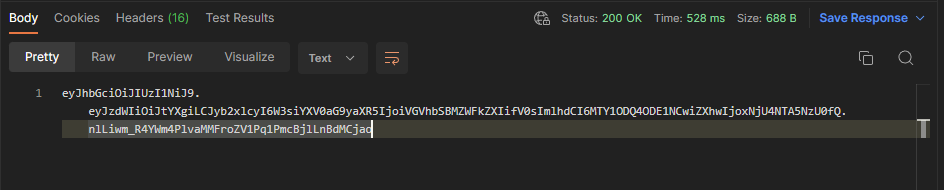
    "username":"Max",

    "password":"Max123!"

}

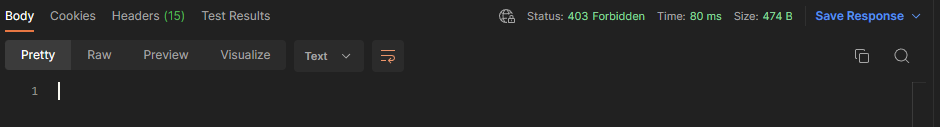
## Response

### Correct

****

### Incorrect

In case the sent data is incorrect, the user will receive the following:



## **Sign up**

## Description

Used for adding a new user. Username, password, first name, last name and email are sent in the request to the server. If data format is correct server responds with user data for the newly added user.

## Request

### URL

**/users/signup**

### Method

POST

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for adding new users must have the Team Leader role.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Data sent in the body is of type JSON:

{

    "username":"John",

    "password":"John123!",

    "firstName":"John",

    "lastName":"Smith",

    "email":"john.smith@gmail.com"

}

## Response

### Correct

{

    "id": 37,

    "username": "John",

    "firstName": "John",

    "lastName": "Smith",

    "email": "john.smith@gmail.com",

    "roles": [

        {

            "id": 2,

            "roleName": "User",

            "description": "User role",

            "authority": "User"

        }

    ],

    "teamUser": null,

    "taskUser": null

}

### Incorrect

If the user already exists:

{

    "timestamp": 1658498217281,

    "status": 400,

    "error": "Bad Request",

    "trace": …,

    "message": "400 User already exists",

    "path": "/users/signup"

}

## **Get all users**

## Description

Get list of all users.

## Request

### URL

**/users**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 1,

        "username": "max",

        "firstName": "Max",

        "lastName": "Smith",

        "email": "max.smith@gmail.com",

        "roles": [

            {

                "id": 1,

                "roleName": "Team Leader",

                "description": "Team Leader role",

                "authority": "Team Leader"

            }

        ],

        "teamUser": [

            {

                "id": 2,

                "name": "IT Operations"

            },

            {

                "id": 5,

                "name": "Scrum"

            },

            {

                "id": 3,

                "name": "DevOps"

            },

            {

                "id": 10,

                "name": "Virtual"

            },

            {

                "id": 1,

                "name": "Development"

            }

        ],

        "taskUser": [

            {

                "id": 2,

                "name": "Task 2",

                "description": "Sed rhoncus tristique ex, a imperdiet massa scelerisque a. Donec lobortis rutrum ligula, vitae eleifend nisi ornare id. Duis sit amet blandit nulla.",

                "est\_dur": 4,

                "status": "FINISHED",

                "priority": "MEDIUM",

                "reporter": 3,

                "team": 1

            },

            {

                "id": 1,

                "name": "Task 1",

                "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

                "est\_dur": 2,

                "status": "BACKLOG",

                "priority": "LOW",

                "reporter": 3,

                "team": 1

            }

        ]

    },

    {

        "id": 2,

        "username": "lynda",

        "firstName": "Lynda",

        "lastName": "Vasquez",

        "email": "lynda.vasquez@gmail.com",

        "roles": [

            {

                "id": 1,

                "roleName": "Team Leader",

                "description": "Team Leader role",

                "authority": "Team Leader"

            }

        ],

        "teamUser": [

            {

                "id": 8,

                "name": "Security"

            },

            {

                "id": 9,

                "name": "Process"

            },

            {

                "id": 3,

                "name": "DevOps"

            },

            {

                "id": 4,

                "name": "SRE"

            },

            {

                "id": 1,

                "name": "Development"

            }

        ],

        "taskUser": [

            {

                "id": 2,

                "name": "Task 2",

                "description": "Sed rhoncus tristique ex, a imperdiet massa scelerisque a. Donec lobortis rutrum ligula, vitae eleifend nisi ornare id. Duis sit amet blandit nulla.",

                "est\_dur": 4,

                "status": "FINISHED",

                "priority": "MEDIUM",

                "reporter": 3,

                "team": 1

            }

        ]

    },

    {

        "id": 3,

        "username": "igor",

        "firstName": "Igor",

        "lastName": "Isailović",

        "email": "iigorisailovic@gmail.com",

        "roles": [

            {

                "id": 1,

                "roleName": "Team Leader",

                "description": "Team Leader role",

                "authority": "Team Leader"

            }

        ],

        "teamUser": [

            {

                "id": 6,

                "name": "QA/Testing"

            },

            {

                "id": 2,

                "name": "IT Operations"

            },

            {

                "id": 3,

                "name": "DevOps"

            },

            {

                "id": 7,

                "name": "Support"

            },

            {

                "id": 1,

                "name": "Development"

            }

        ],

        "taskUser": [

            {

                "id": 4,

                "name": "Task 4",

                "description": "Maecenas eu sem quam. Sed nec finibus nisl, sed venenatis felis. Integer lacinia ultricies tempor. Fusce nec egestas tellus.",

                "est\_dur": 32,

                "status": "BACKLOG",

                "priority": "LOW",

                "reporter": 2,

                "team": 1

            },

            {

                "id": 2,

                "name": "Task 2",

                "description": "Sed rhoncus tristique ex, a imperdiet massa scelerisque a. Donec lobortis rutrum ligula, vitae eleifend nisi ornare id. Duis sit amet blandit nulla.",

                "est\_dur": 4,

                "status": "FINISHED",

                "priority": "MEDIUM",

                "reporter": 3,

                "team": 1

            },

            {

                "id": 5,

                "name": "Task 3",

                "description": "Curabitur pretium diam ac dui scelerisque mollis. Cras at neque volutpat, pulvinar ante sed, pharetra erat. Aliquam quis feugiat ligula, sit amet aliquam nisi.",

                "est\_dur": 7,

                "status": "INPROGRESS",

                "priority": "MEDIUM",

                "reporter": 1,

                "team": 1

            },

            {

                "id": 6,

                "name": "Task 5",

                "description": "Curabitur pretium diam ac dui scelerisque mollis. Cras at neque volutpat, pulvinar ante sed, pharetra erat. Aliquam quis feugiat ligula, sit amet aliquam nisi.",

                "est\_dur": 24,

                "status": "SELECTED",

                "priority": "LOW",

                "reporter": 3,

                "team": 1

            }

        ]

    },

…

### Incorrect

/

## **Get User by Id**

## Description

Retutns one user with the provided id.

## Request

### URL

**/users/getOne/{id}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

{

    "id": 1,

    "username": "max",

    "firstName": "Max",

    "lastName": "Smith",

    "email": "max.smith@gmail.com",

    "roles": [

        {

            "id": 1,

            "roleName": "Team Leader",

            "description": "Team Leader role",

            "authority": "Team Leader"

        }

    ],

    "teamUser": [

        {

            "id": 3,

            "name": "DevOps"

        },

        {

            "id": 10,

            "name": "Virtual"

        },

        {

            "id": 2,

            "name": "IT Operations"

        },

        {

            "id": 1,

            "name": "Development"

        },

        {

            "id": 5,

            "name": "Scrum"

        }

    ],

    "taskUser": [

        {

            "id": 2,

            "name": "Task 2",

            "description": "Sed rhoncus tristique ex, a imperdiet massa scelerisque a. Donec lobortis rutrum ligula, vitae eleifend nisi ornare id. Duis sit amet blandit nulla.",

            "est\_dur": 4,

            "status": "FINISHED",

            "priority": "MEDIUM",

            "reporter": 3,

            "team": 1

        },

        {

            "id": 1,

            "name": "Task 1",

            "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

            "est\_dur": 2,

            "status": "BACKLOG",

            "priority": "LOW",

            "reporter": 3,

            "team": 1

        }

    ]

}

### Incorrect



## **Get User by Username**

## Description

Returns one user with the provided username.

## Request

### URL

**/users/getByName/{name}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

{

    "id": 1,

    "username": "max",

    "firstName": "Max",

    "lastName": "Smith",

    "email": "max.smith@gmail.com",

    "roles": [

        {

            "id": 1,

            "roleName": "Team Leader",

            "description": "Team Leader role",

            "authority": "Team Leader"

        }

    ],

    "teamUser": [

        {

            "id": 3,

            "name": "DevOps"

        },

        {

            "id": 10,

            "name": "Virtual"

        },

        {

            "id": 2,

            "name": "IT Operations"

        },

        {

            "id": 1,

            "name": "Development"

        },

        {

            "id": 5,

            "name": "Scrum"

        }

    ],

    "taskUser": [

        {

            "id": 2,

            "name": "Task 2",

            "description": "Sed rhoncus tristique ex, a imperdiet massa scelerisque a. Donec lobortis rutrum ligula, vitae eleifend nisi ornare id. Duis sit amet blandit nulla.",

            "est\_dur": 4,

            "status": "FINISHED",

            "priority": "MEDIUM",

            "reporter": 3,

            "team": 1

        },

        {

            "id": 1,

            "name": "Task 1",

            "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

            "est\_dur": 2,

            "status": "BACKLOG",

            "priority": "LOW",

            "reporter": 3,

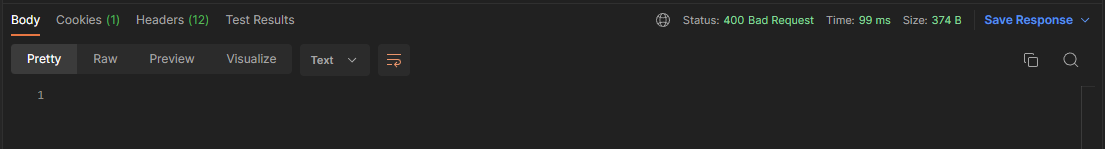
            "team": 1

        }

    ]

}

### Incorrect



## **Delete User by Username**

## Description

Deletes one user with the provided username. Request is a empty body DELETE request.

## Request

### URL

**/users/delete/{username}**

### Method

DELETE

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for adding new users must have the Team Leader role.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct



### Incorrect



## **Add User to Team**

## Description

Add a user to a team.

## Request

### URL

**/users/{userId}/{teamId}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

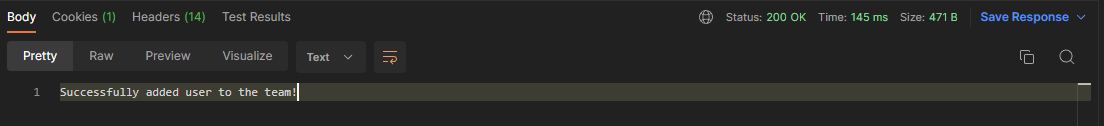
 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

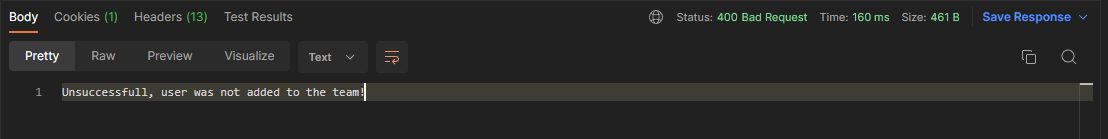
Empty

## Response

### Correct



### Incorrect



## **Add User to Task**

## Description

Assign a task to the user.

## Request

### URL

**/users/addUsersToTask/{userId}/{taskId}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

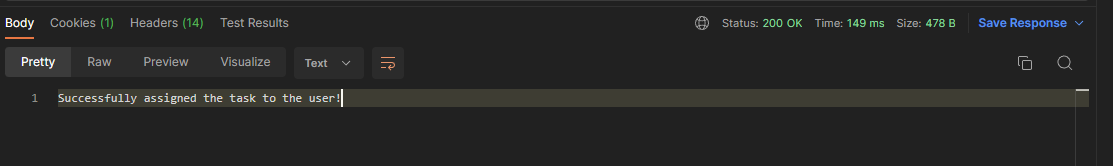
 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

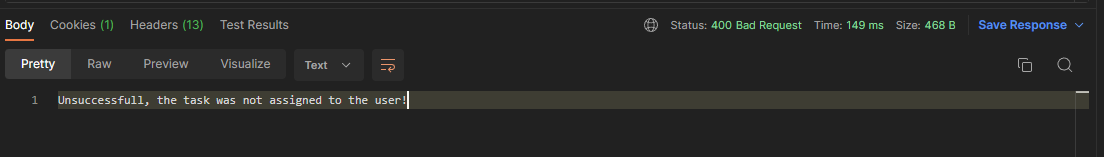
Empty

## Response

### Correct



### Incorrect



## **Change Password**

## Description

Change user password.

## Request

### URL

**/users/updatePassword/{id}**

### Method

PUT

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

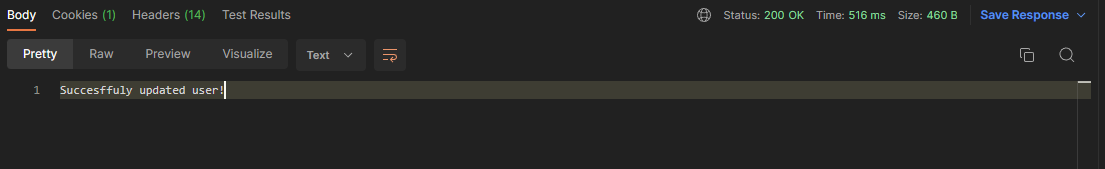
### Body

String containing new password. For example:

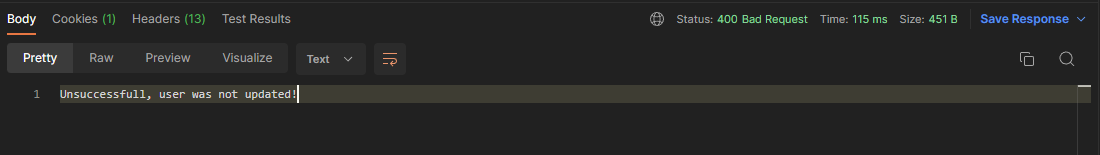
Test.123!

## Response

### Correct



### Incorrect



## **Get Users in a specific Team**

## Description

Get list of users for the specific team.

## Request

### URL

**/users/getUsersForTeam/{teamId}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 1,

        "username": "max",

        "firstName": "Max",

        "lastName": "Smith",

        "email": "max.smith@gmail.com",

        "roles": [

            {

                "id": 1,

                "roleName": "Team Leader",

                "description": "Team Leader role",

                "authority": "Team Leader"

            }

        ],

        "teamUser": [

            {

                "id": 2,

                "name": "IT Operations"

            },

            {

                "id": 5,

                "name": "Scrum"

            },

            {

                "id": 1,

                "name": "Development"

            }

        ],

        "taskUser": []

    },

    {

        "id": 3,

        "username": "igor",

        "firstName": "Igor",

        "lastName": "Isailović",

        "email": "iigorisailovic@gmail.com",

        "roles": [

            {

                "id": 1,

                "roleName": "Team Leader",

                "description": "Team Leader role",

                "authority": "Team Leader"

            }

        ],

        "teamUser": [

            {

                "id": 2,

                "name": "IT Operations"

            },

            {

                "id": 5,

                "name": "Scrum"

            },

            {

                "id": 6,

                "name": "QA/Testing"

            },

            {

                "id": 3,

                "name": "DevOps"

            },

            {

                "id": 1,

                "name": "Development"

            }

        ],

        "taskUser": [

            {

                "id": 1,

                "name": "Task 9",

                "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

                "est\_dur": 2,

                "status": "BACKLOG",

                "priority": "LOW",

                "reporter": 3,

                "team": 1

            }

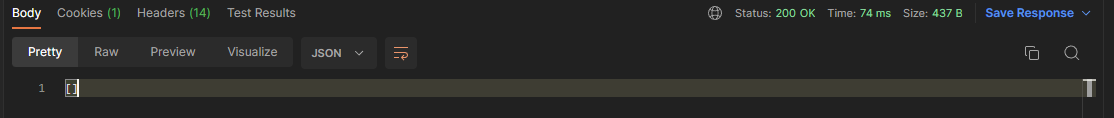
        ]

    }

]

### Incorrect

If the specified team doesent exists:



## **Get Users assigned to a specific Task**

## Description

Get list of users for the specific task.

## Request

### URL

**/users/getUsersForTask/{taskId}**

### Method:

GET

### Headers:

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body:

Empty

## Response

### Correct

[

    {

        "id": 3,

        "username": "igor",

        "firstName": "Igor",

        "lastName": "Isailović",

        "email": "iigorisailovic@gmail.com",

        "roles": [

            {

                "id": 1,

                "roleName": "Team Leader",

                "description": "Team Leader role",

                "authority": "Team Leader"

            }

        ],

        "teamUser": [

            {

                "id": 2,

                "name": "IT Operations"

            },

            {

                "id": 5,

                "name": "Scrum"

            },

            {

                "id": 3,

                "name": "DevOps"

            },

            {

                "id": 6,

                "name": "QA/Testing"

            },

            {

                "id": 1,

                "name": "Development"

            }

        ],

        "taskUser": [

            {

                "id": 1,

                "name": "Task 9",

                "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

                "est\_dur": 2,

                "status": "BACKLOG",

                "priority": "LOW",

                "reporter": 3,

                "team": 1

            }

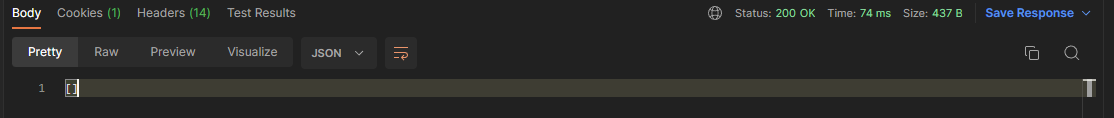
        ]

    }

]

### Incorrect

If the specified task doesent exists:



# **Teams**

## **Get all Teams**

## Description

Get list of available team.

## Request

### URL

**/teams**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 1,

        "name": "Development"

    },

    {

        "id": 2,

        "name": "IT Operations"

    },

    {

        "id": 3,

        "name": "DevOps"

    },

    {

        "id": 4,

        "name": "SRE"

    },

    {

        "id": 5,

        "name": "Scrum"

    },

    {

        "id": 6,

        "name": "QA/Testing"

    },

    {

        "id": 7,

        "name": "Support"

    },

    {

        "id": 8,

        "name": "Security"

    },

    {

        "id": 9,

        "name": "Process"

    },

    {

        "id": 10,

        "name": "Virtual"

    }

]

### Incorrect

/

## **Get Team by Id**

## Description

Get one team by id.

## Request

### URL

**/teams/{id}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

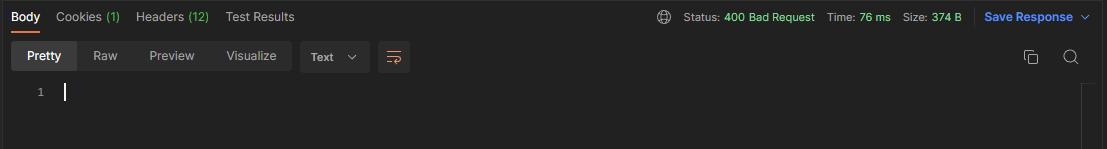
{

    "id": 2,

    "name": "IT Operations"

}

### Incorrect



## **Get Team by Name**

## Description

Get one team by id.

## Request

### URL

**/teams/getTeamByName/{name}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

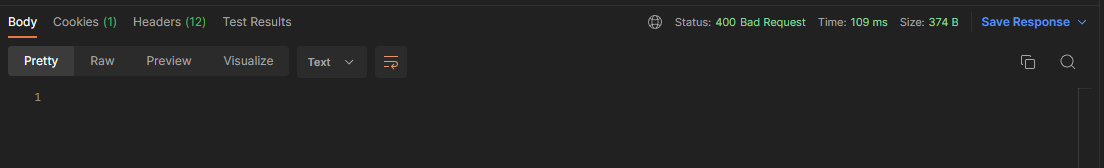
{

    "id": 2,

    "name": "IT Operations"

}

### Incorrect



## **Get team by Id**

## Description

Get one team by id.

## Request

### URL

**/teams/{id}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

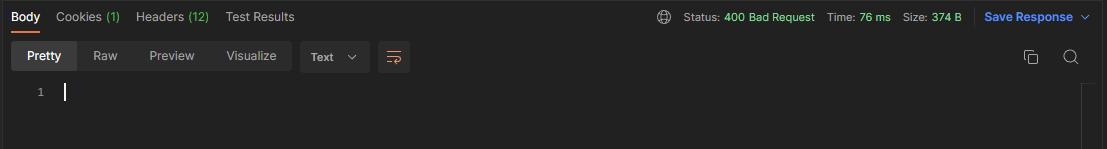
{

    "id": 2,

    "name": "IT Operations"

}

### Incorrect



## **Get Team by Name**

## Description

Get one team by name.

## Request

### URL

**/teams/getTeamByName/{name}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

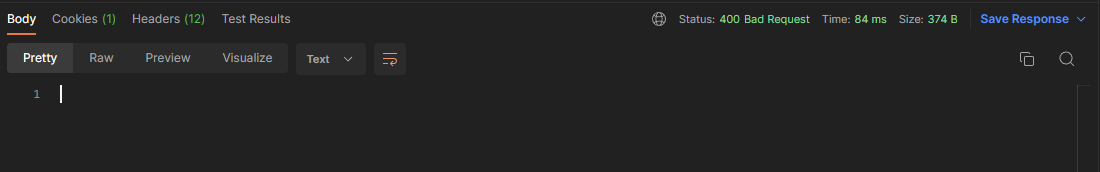
{

    "id": 3,

    "name": "DevOps"

}

### Incorrect



## **Add Team**

## Description

Used for adding a new team.

## Request

### URL

**/teams**

### Method

POST

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Data sent in the body is of type JSON:

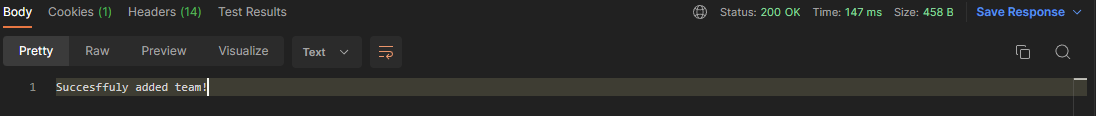
{

    "name":"HR"

}

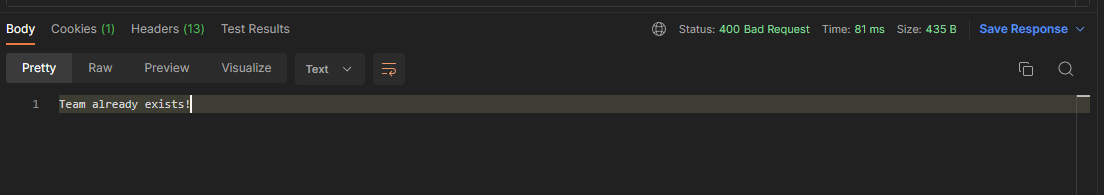
## Response

### Correct



### Incorrect

If the team already exists:



## **Update Team**

## Description

Used for updating a new team.

## Request

### URL

**/teams/{id}**

### Method

PUT

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for updating teams must have the Team Leader role.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Data sent in the body is of type JSON:

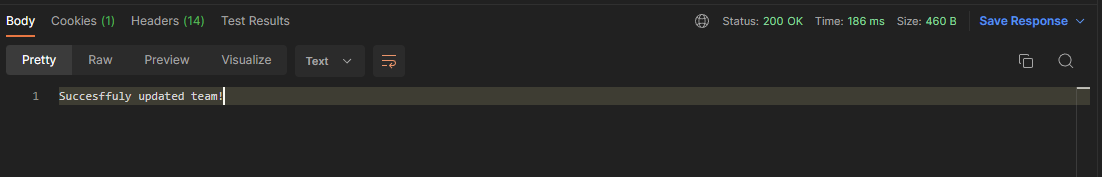
{

    "name":"HR NEW"

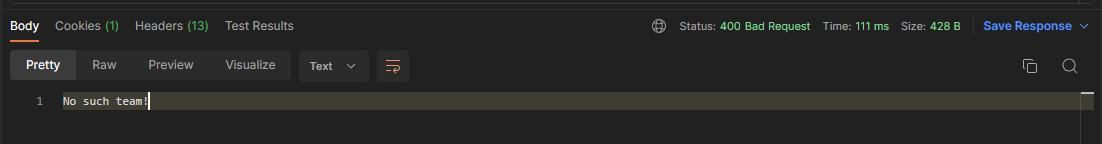
}

## Response

### Correct



### Incorrect



## **Delete Team**

## Description

Used for deleteing a team.

## Request

### URL

**/teams/{id}**

### Method

DELETE

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for deleteing teams must have the Team Leader role.

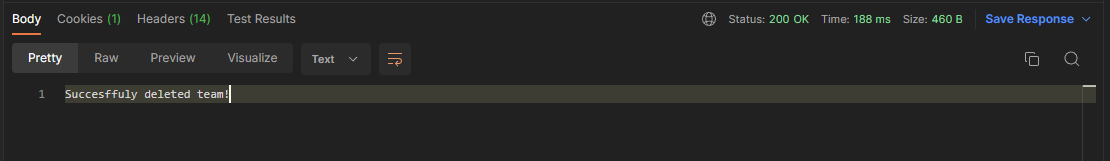
 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

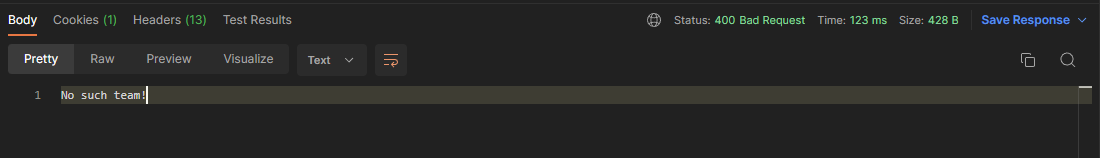
Empty

## Response

### Correct



### Incorrect



## **Get all Teams containing a specific User**

## Description

List of all teams for a specific user.

## Request

### URL

**/teams/getTeams/{username}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

## Response

### Correct

[

    {

        "id": 1,

        "name": "Development"

    },

    {

        "id": 2,

        "name": "IT Operations"

    },

    {

        "id": 3,

        "name": "DevOps"

    },

    {

        "id": 6,

        "name": "QA/Testing"

    },

    {

        "id": 5,

        "name": "Scrum"

    }

]

### Incorrect

/

## **Get all Teams working on a specific Task**

## Description

List of all teams for a specific task.

## Request

### URL

**/teams/teamsForTask/{taskId}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

## Response

### Correct

[

    {

        "id": 1,

        "name": "Development"

    }

]

### Incorrect

/

# **Task**

## **Get all Tasks**

## Description

Get list of all tasks.

## Request

### URL

**/tasks**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 1,

        "name": "Task 9",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 2,

        "status": "BACKLOG",

        "priority": "LOW",

        "reporter": 3,

        "team": 1

    },

    {

        "id": 2,

        "name": "Task 12",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 3,

        "status": "FINISHED",

        "priority": "HIGH",

        "reporter": 3,

        "team": 2

    }

]

### Incorrect

/

## **Get Tasks by Id**

## Description

Get one task by id.

## Request

### URL

**/tasks/{id}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

    {

        "id": 1,

        "name": "Task 9",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 2,

        "status": "BACKLOG",

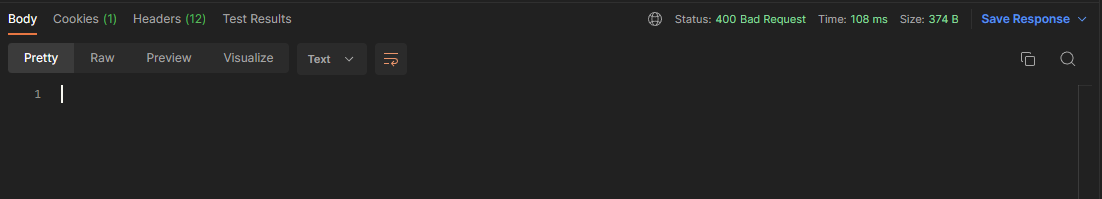
        "priority": "LOW",

        "reporter": 3,

        "team": 1

    }

### Incorrect



## **Add Task**

## Description

Used for adding a new task.

## Request

### URL

**/tasks/addTask**

### Method

POST

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for adding new teams must have the Team Leader role.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Data sent in the body is of type JSON:

 {

        "name": "Task 13",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 3,

        "status": "FINISHED",

        "priority": "HIGH",

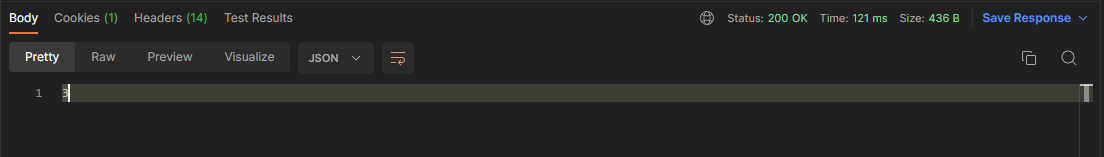
        "reporter": 3,

        "team": 2

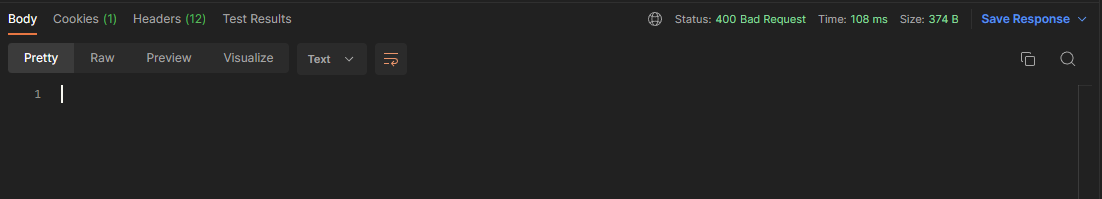
 }

## Response

### Correct



### Incorrect



## **Update Task**

## Description

Used for updateing a task.

## Request

### URL

**/tasks/{id}**

### Method

PUT

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for adding new teams must have the Team Leader role.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Data sent in the body is of type JSON:

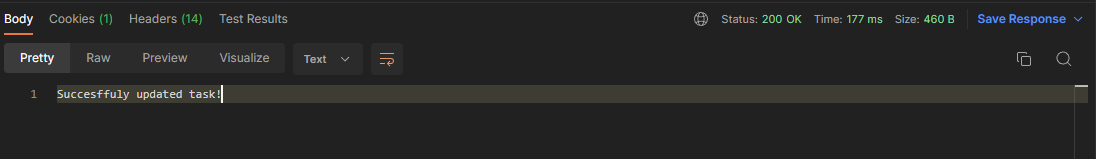
  {

        "name":"Test"

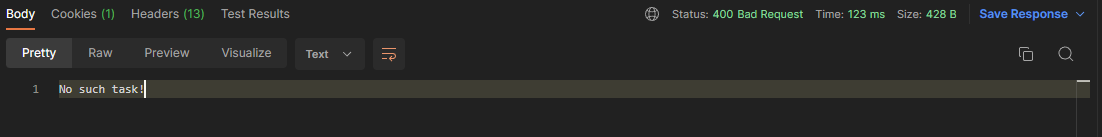
 }

## Response

### Correct



### Incorrect



## **Delete Task**

## Description

Used for deleteing a task.

## Request

### URL

**/tasks/{id}**

### Method

DELETE

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method. User whose token is used for adding new teams must have the Team Leader role.

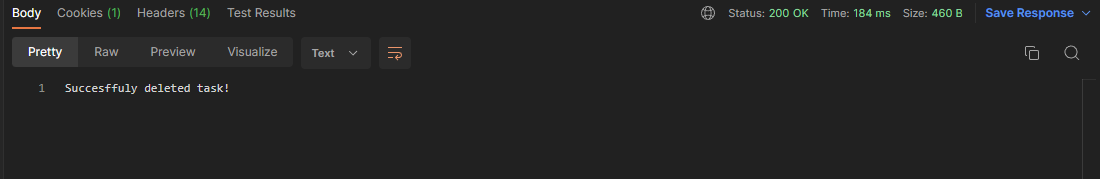
 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

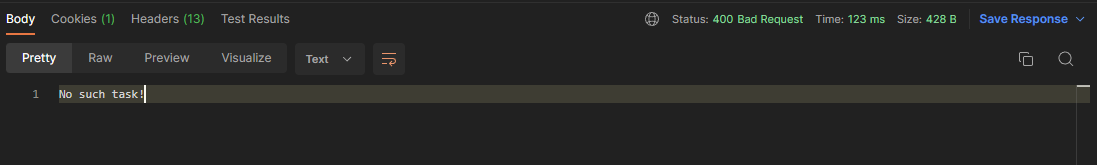
Empty

## Response

### Correct



### Incorrect



## **Change Task status**

## Description

Used for changing status of a task.

## Request

### URL

**/tasks/changeTaskStatus/{id}/{status}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

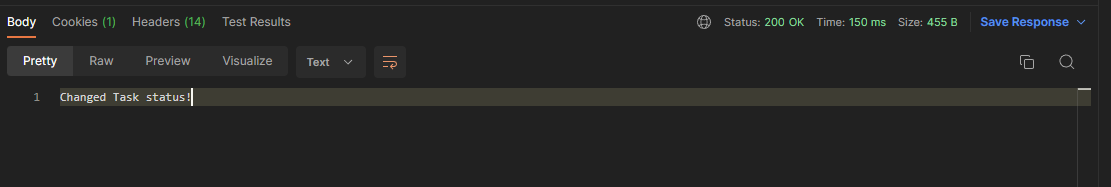
 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

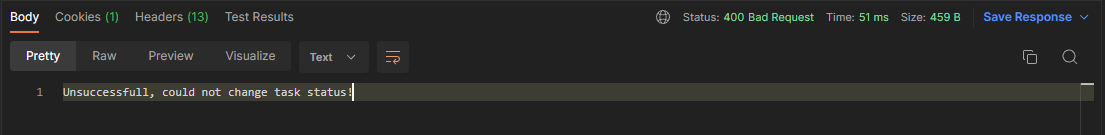
Empty

## Response

### Correct



### Incorrect



## **Get Tasks assigned to a specific User by User Id**

## Description

Get all tasks for the specified user id.

## Request

### URL

**/tasks/getTasksById/{userId}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 1,

        "name": "Task 9",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 2,

        "status": "BACKLOG",

        "priority": "LOW",

        "reporter": 3,

        "team": 1

    }

]

### Incorrect

/

## **Get Tasks assigned to a specific User by Username**

## Description

Get all tasks for the specified username.

## Request

### URL

**/tasks/getTask/{username}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 1,

        "name": "Task 9",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 2,

        "status": "BACKLOG",

        "priority": "LOW",

        "reporter": 3,

        "team": 1

    }

]

### Incorrect

/

## **Get all Tasks of a specific Team**

## Description

Get all tasks for the specified team.

## Request

### URL

**/tasks/getTasksForTeam/{teamId}**

### Method

GET

### Headers

Headers must contain Authorization key with the value bearer followed by the jwt token acquired via /users/signin method.

 'Authorization': 'Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpZ29yIiwicm9sZXMiOlt7ImF1dGhvcml0eSI6IlRlYW0gTGVhZGVyIn1dLCJpYXQiOjE2NTgyMTA0MzMsImV4cCI6MTY1ODIzMjAzM30.atKshV5epocDxGNZt2wiE4Q3z-OOJ3PP9vWdq17mFoM',

### Body

Empty

## Response

### Correct

[

    {

        "id": 2,

        "name": "Task 12",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 3,

        "status": "FINISHED",

        "priority": "HIGH",

        "reporter": 3,

        "team": 2

    },

    {

        "id": 3,

        "name": "Task 13",

        "description": "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras ut porttitor diam, ut pellentesque justo. Phasellus quis ex eu massa luctus pharetra. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.",

        "est\_dur": 3,

        "status": "FINISHED",

        "priority": "HIGH",

        "reporter": 3,

        "team": 2

    }

]

### Incorrect

/