

Taskie Server Documentation

This document is used to navigate through the documentation and all the information needed to set up API calls that will communicate with the Taskie app server.

General information

Base URL: <https://taskie-rw.herokuapp.com/>

Usage: Use this as the default path for the server API. Attach relative paths and apply appropriate REST methods to reach specific endpoints like “registerUser” or “completeNote”.

Headers

“Content-Type”: “application/json”

Usage: A header saying in which format the communication to the server should be.

“Accept:” “application/json”

Usage: A header saying in which format the response from the server will be.

“Authorization”: “your-user-token”

Usage: A header required in some requests, to prove to the server that you’re authorized to execute that request. E.g. deleting a task/note.

Requests

Register User

Endpoint: BASE_URL/api/register

REST Method: POST

Request Body example:

```
{
  "name": "username",
  "email": "mail@mail.com",
  "password": "password"
}
```

Response Body example:

```
{
  "message": "Success"
}
```

Login User

Endpoint: BASE_URL/api/login

REST Method: POST

Request Body example:

```
{
    "email": "mail@mail.com",
    "password": "password"
}
```

Response Body example:

```
{
    "token": "user-token"
}
```

Create Note

Endpoint: BASE_URL/api/note

REST Method: POST

Extra headers:

“Authorization”: “user-token” (replace with your token)

Request Body example:

```
{
    "title": "Note Title",
    "content": "Note Content",
    "taskPriority": 3 (1 - low, 2 - medium, 3 - high)
}
```

Response Body example:

```
{
    "id": "note-id",
    "userId": "user-id",
    "title": "Note Title",
    "content": "Note Content",
    "isCompleted": false,
    "taskPriority": 3
}
```

Get Notes

Endpoint: BASE_URL/api/note

REST Method: GET

Extra headers:

“Authorization”: “user-token” (replace with your token)

Request Body example:

No request body

Response Body example:

```
{
  "notes": [
    {
      "id": "note-id",
      "title": "Note-Title",
      "content": "Note-Content",
      "taskPriority": 1,
      "isCompleted": true
    },
    {
      "id": "note-id",
      "title": "Note-Title",
      "content": "Note-Content",
      "taskPriority": 1,
      "isCompleted": true
    },
    {
      "id": "note-id",
      "title": "Note-Title",
      "content": "Note-Content",
      "taskPriority": 3,
      "isCompleted": true
    },
    {
      "id": "note-id",
      "title": "Note-Title",
      "content": "Note-Content",
      "taskPriority": 3,
      "isCompleted": false
    }
  ]
}
```

Hint: Make sure to filter out notes which are completed (**notes.filter { !it.isCompleted }**)

Complete Note

Endpoint: BASE_URL/api/note/complete?id=note_id

REST Method: POST

Extra headers:

“Authorization”: “user-token” (replace with your token)

Queries:

“id”: Note id to be completed

Request Body example:

No request body

Response Body example:

```
{  
  "message": "Success"  
}
```

Delete Note

Endpoint: BASE_URL/api/note?id=note_id

REST Method: DELETE

Extra headers:

“Authorization”: “user-token” (replace with your token)

Queries:

“id”: Note id to be deleted

Request Body example:

No request body

Response Body example:

```
{  
  "message": "Note deleted!"  
}
```

Get User Profile

Endpoint: BASE_URL/api/user/profile

REST Method: GET

Extra headers:

“Authorization”: “user-token” (replace with your token)

Queries:

“id”: Note id to be deleted

Request Body example:

No request body

Response Body example:

```
{  
  "id": "user-id",  
  "email": "mail@mail.com",  
  "name": "username"  
}
```