REST API Documentation

Overview

This document outlines the endpoints, request methods, query parameters, request bodies, and sample responses for the Task Management REST API.

Base URL:

```
Unset
http://localhost:3000/api
```

Authentication

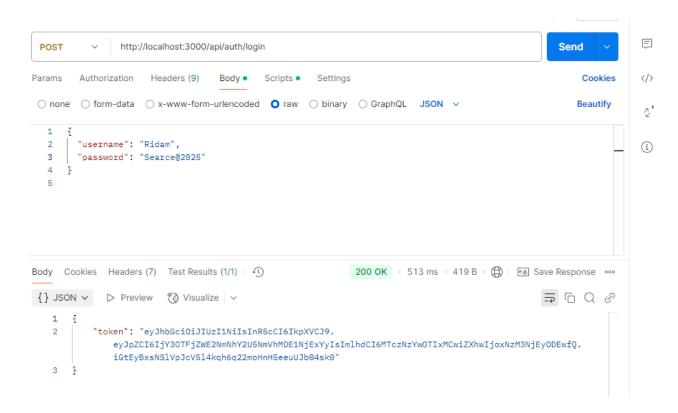
POST /auth/signup

Create a new user.

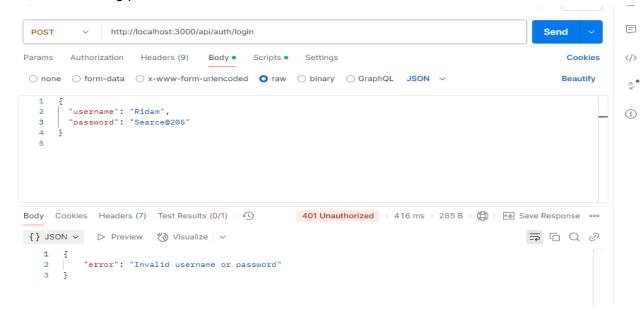
```
REST API basics: CRUD, test & variable / Get data
                                                                                                Save ∨
                                                                                                               Share
                                                                                                                          POST
               http://localhost:3000/api/auth/signup
Params
        Authorization Headers (9)
                                     Body • Scripts • Settings
                                                                                                              Cookies
                                                                                                                          </>
 \bigcirc none \bigcirc form-data \bigcirc x-www-form-urlencoded \bigcirc raw \bigcirc binary \bigcirc GraphQL JSON \vee
                                                                                                             Beautify
   1
   2
         "username": "Ridam",
                                                                                                                          (i)
        "password": "Searce@2025"
   3
   5
Body Cookies Headers (7) Test Results (0/1)
                                                           201 Created 845 ms 279 B 6 (2) 845 Save Response 600
{} JSON ✓ ▷ Preview 🍪 Visualize ✓
                                                                                                      = GQ0
            "message": "User created successfully"
```

POST /auth/login

Authenticate a user and return a JWT token.



If entered Wrong password or username



Task Management

POST /tasks

Create a new task.

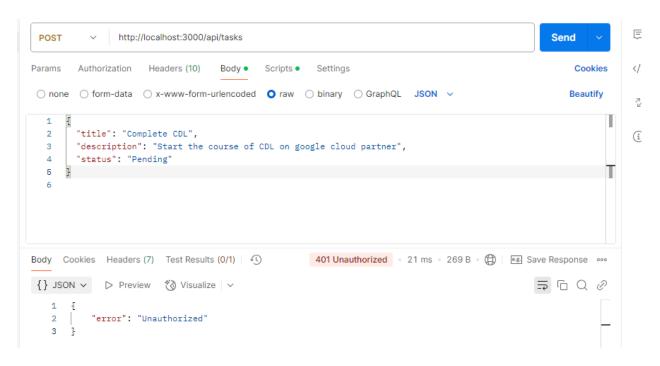
Headers:

• Authorization: Bearer <token>

If token is correct below is the response

```
POST
                http://localhost:3000/api/tasks
        Authorization Headers (10) Body • Scripts • Settings
                                                                                                      Cookies
                                                                                                     Beautify
○ none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL JSON ∨
        "title": "Complete CDL",
  2
                                                                                                                 Œ
  3
        "description": "Start the course of CDL on google cloud partner",
  4
        "status": "Pending"
  5
Body Cookies Headers (7) Test Results (1/1)
                                                         200 OK 69 ms 462 B 6  Save Response 000
{} JSON ∨ ▷ Preview 🍪 Visualize ∨
                                                                                              = G Q 0
   1
           "title": "Complete CDL",
   2
          "description": "Start the course of CDL on google cloud partner",
   3
          "status": "Pending",
           "_id": "6791d1966cace96ea0156121",
   5
           "createdAt": "2025-01-23T05:20:22.556Z",
   6
           "updatedAt": "2025-01-23T05:20:22.556Z",
           "__v": 0
   8
                                                         Postbot
```

If token is wrong below is the response

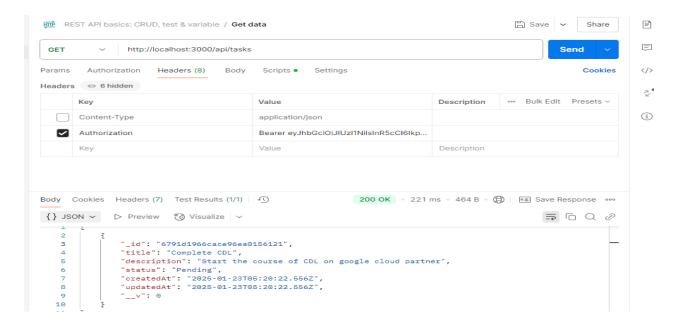


GET /tasks

Retrieve a list of all tasks.

Headers:

• Authorization: Bearer <token>

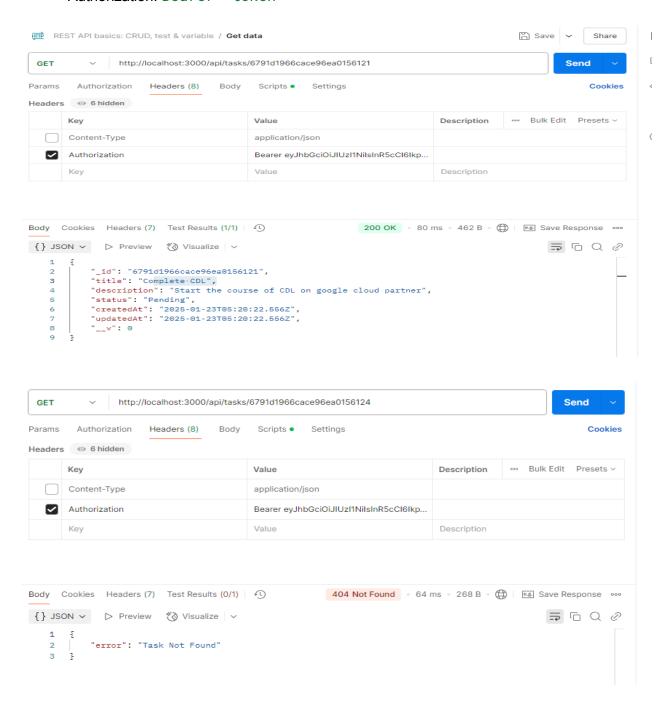


GET /tasks/:id

Retrieve a task by its ID.

Headers:

Authorization: Bearer <token>



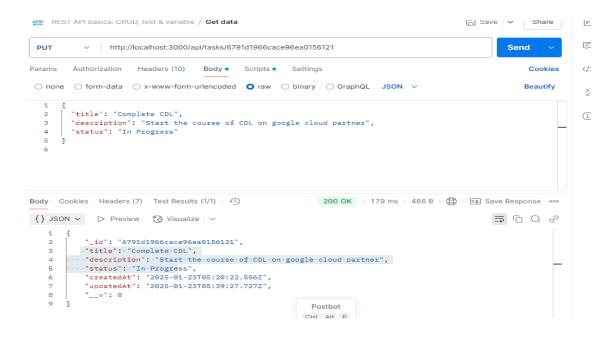
PUT /tasks/:id

Update an existing task by its ID.

Headers:

Authorization: Bearer <token>

If Id found



If No Id found:

```
Ę
PUT
          http://localhost:3000/api/tasks/6791d1966cace96ea0156123
                                                                                                   Send
        Authorization Headers (10) Body ● Scripts ● Settings
                                                                                                        Cookies
onne form-data x-www-form-urlencoded raw binary GraphQL JSON v
                                                                                                       Beautify
        "title": "Complete CDL",
                                                                                                                   (
        "description": "Start the course of CDL on google cloud partner", "status": "In Progress"
Body Cookies Headers (7) Test Results (0/1)
                                                      404 Not Found • 43 ms • 268 B • 🖨 | 🐼 Save Response •••
{} JSON ✓ ▷ Preview 🍪 Visualize ✓
                                                                                                = 0 Q @
           "error": "Task Not Found"
```

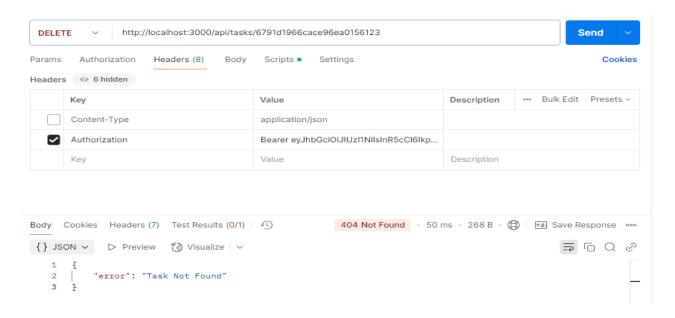
DELETE /tasks/:id

Delete a task by its ID.

Headers:

Authorization: Bearer <token>

If No Id found



If I'd found

