

Authentication Endpoints

1. User Registration

- Endpoint: `POST /auth/register`
- Description: Registers a new user.
- Request Body:

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

- Response:
 - 201 Created: User successfully registered.
 - 400 Bad Request: Validation errors.

2. User Login

- Endpoint: `POST /auth/login`
- Description: Authenticates a user and returns a token.
- Request Body:

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

- Response:
 - 200 OK: Returns a token.
 - 401 Unauthorized: Invalid credentials.
-

Task Management Endpoints

3. Get All Tasks

- Endpoint: `GET /tasks`
- Description: Retrieves all tasks.
- Authentication Required: Yes (JWT Token)

- Response:
 - 200 OK: Returns an array of tasks.

4. Get Task by ID

- Endpoint: `GET /tasks/:taskid`
- Description: Retrieves a specific task by its ID.
- Authentication Required: Yes (JWT Token)
- Response:
 - 200 OK: Returns the task object.
 - 404 Not Found: Task not found

5. Create a New Task

- Endpoint: `POST /tasks`
- Description: Creates a new task.
- Authentication Required: Yes (JWT Token)
- Request Body:
- `json`

```
{  
  "title": "string",  
  "description": "string"  
}
```

- Response:
 - 201 Created: Returns the created task object.
 - 400 Bad Request: Validation errors.
-

6. Update Task by ID

- Endpoint: `PUT /tasks/:taskid`
- Description: Updates an existing task by its ID.
- Authentication Required: Yes (JWT Token)
- Request Body:
- `json`

```
{  
  "title": "string",  
  "description": "string"  
}
```

Response:

- 200 OK: Returns the updated task object.
- 404 Not Found: Task not found.

7. Delete Task by ID

- Endpoint: `DELETE /tasks/:taskid`
- Description: Deletes a specific task by its ID.
- Authentication Required: Yes (JWT Token)
- Response:
 - 204 No Content: Task successfully deleted.
 - 404 Not Found: Task not found.

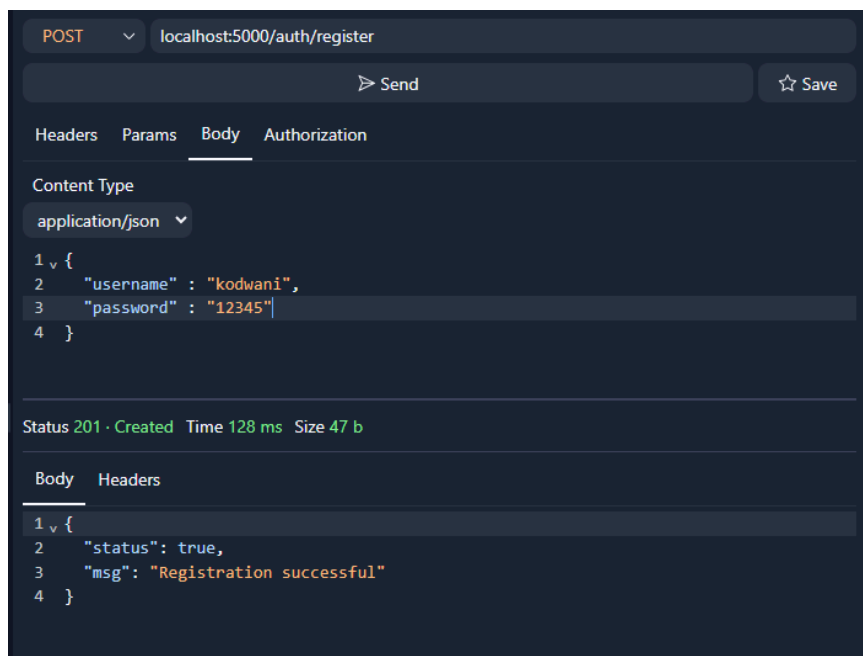
Notes

Ensure that all requests requiring authentication include the JWT token in the Authorization header as follows:

text

Authorization: Bearer <token>

This documentation is effective as of January 23, 2025.



```
POST localhost:5000/auth/login

Content Type
application/json

1 {
2   "username" : "kodwani",
3   "password" : "12345"
4 }
```

Status 200 · OK Time 108 ms Size 255 b

Body Headers

```
1 {
2   "status": true,
3   "msg": "Login successful",
4   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2NzZGE3YjEzOTI0ZjV",
5 }
```

```
POST localhost:5000/api/tasks/

Content Type
application/json

1 {
2   "title" : "Testing task",
3   "desc" : "Checking the APIs",
4   "status" : "pending"
5 }

Status 200 · OK Time 30 ms Size 267 b

Body Headers



```
1 {
2 "tasks": [
3 {
4 "title": "Testing task",
5 "desc": "Checking the APIs",
6 "status": "pending",
7 "user": "6791da7b13924f352cd405a8",
8 "_id": "6791dd477271704d64df9e89",
9 "created_at": "2025-01-23T06:10:15.861Z",
10 "updated_at": "2025-01-23T06:10:15.861Z",
11 "__v": 0
12 }
13],
14 "status": true,
15 "msg": "Success"
16 }
```


```

GET localhost:5000/api/tasks

Send Save

Headers Params Body Authorization

Content Type
application/json

```
1 {  
2   "username" : "kodwani",  
3   "password" : "12345"  
4 }
```

Status 200 · OK Time 29 ms Size 2 kb

Body Headers

```
1 {  
2   "tasks": [  
3     {  
4       "_id": "6790e6c0c136a5572c2bf64b",  
5       "title": "sses tasik",  
6       "desc": "goal is to complete react",  
7       "status": "in-progress",  
8       "user": "6790b810ddab20119b84e538",  
9       "created_at": "2025-01-22T12:38:24.460Z",  
10      "updated_at": "2025-01-22T12:38:24.460Z",  
11      "__v": 0  
12    },  
13    {  
14      "_id": "6790e6f4c136a5572c2bf674",  
15      "title": "third tasik",  
16      "desc": "goal is to complete react",  
17      "status": "in-progress",  
18      "user": "6790b810ddab20119b84e538",  
19      "created_at": "2025-01-22T12:39:16.228Z",
```

DELETE localhost:5000/api/tasks/6790e6f4c136a5572c2bf674

Send Save

Headers Params Body Authorization

Authorization Type
Bearer Token

Token
.....

Status 200 · OK Time 30 ms Size 31 b

Body Headers

```
1 {  
2   "status": true,  
3   "msg": "Success"  
4 }
```