

Node.js Express API with JWT Authentication

This is a simple RESTful API built using Node.js, Express, and JWT. It includes user authentication and protected routes.

**** Features ****

- User authentication with JWT
- Protected routes requiring a valid token
- CORS support for cross-origin requests
- RESTful API structure
- JSON response format

1 Clone the Repository

```
git clone https://github.com/3kramz/BA_API.git
```

```
cd BA_API
```

2 install dependency

```
npm install
```

3 Create a .env file in the root directory and add:

```
PORT=5050
```

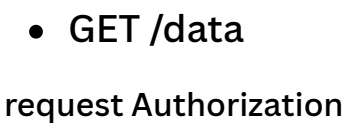
```
SECRET_KEY=your_secret_key
```

4 start server

```
nodemon server.js
```

**** API endpoints ****

- GET /



api / data

GET http://localhost:5050/data

Send

Params Authorization Headers (7) Body Scripts Settings Cookies

Auth Type: Bearer Token

Token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...

200 OK • 5 ms • 470 B

Save Response

JSON Preview Visualize

```
1 {
2   "message": "Protected Data Accessed",
3   "user": {
4     "id": 1,
5     "username": "admin",
6     "email": "example@mail.com",
7     "role": "admin",
8     "name": "Admin User",
9     "phone": "1234567890",
10    "address": "123, Example Street, City, Country"
11  }
12 }
```

- GET /users

request Authorization

api / users

GET http://localhost:5050/users

Send

Params Authorization Headers (7) Body Scripts Settings Cookies

Auth Type: Bearer Token

Token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...

200 OK • 5 ms • 592 B

Save Response

JSON Preview Visualize

```
1 {
2   "users": [
3     {
4       "id": 1,
5       "username": "admin",
6       "email": "example@mail.com",
7       "role": "admin",
8       "name": "Admin User",
9       "phone": "1234567890",
10      "address": "123, Example Street, City, Country"
11    },
12    {
13      "id": 2,
14      "username": "user",
15      "email": "user@mail.com",
16      "role": "user",
17      "name": "Normal User",
18      "phone": "1234567890",
19      "address": "123, Example Street, City, Country"
20    }
21  ]
22 }
```