Task-11 API

This is a backend API built with **Node.js**, **Express.js**, **MongoDB**, and **JWT** for user authentication and management. It provides functionalities for user registration, login, and fetching user details.

The API is hosted on Render.

Register: https://task-11-vf7k.onrender.com/auth/register

Login: https://task-11-vf7k.onrender.com/auth/login

Get User: https://task-11-vf7k.onrender.com/auth/user

-- This structure includes the **Authorization** requirement for the `GET /auth/user` endpoint. The token should be passed in the `Authorization` header as `Bearer <JWT_TOKEN>`.

Testing

1. To register a user, send a POST request to /auth/register with the required fields.
2. To log in, send a POST request to /auth/login with the user's email and password.
3. To fetch the logged-in user's details, send a GET request to /auth/user with the Authorization header set to Bearer <JWT_TOKEN>.

Technologies Used

- **Node.js**: JavaScript runtime environment.
- **Express.js**: Web framework for Node.js.
- **MongoDB**: NoSQL database.
- **Mongoose**: ODM for MongoDB.
- **JWT**: JSON Web Token for authentication.
- **Bcrypt.js**: Library for hashing passwords.

1. POST /auth/register

- Description: Register a new user.
- Request Body:

```
{
  "username": "exampleuser",
  "email": "user@example.com",
  "password": "password123",
  "role": "user"
}
```

- Response:

```
{
  "message": "User registered successfully"
}
```

2. POST /auth/login

- Description: Login a user and return a JWT token.
- Request Body:

```
{
  "email": "user@example.com",
  "password": "password123"
}
```

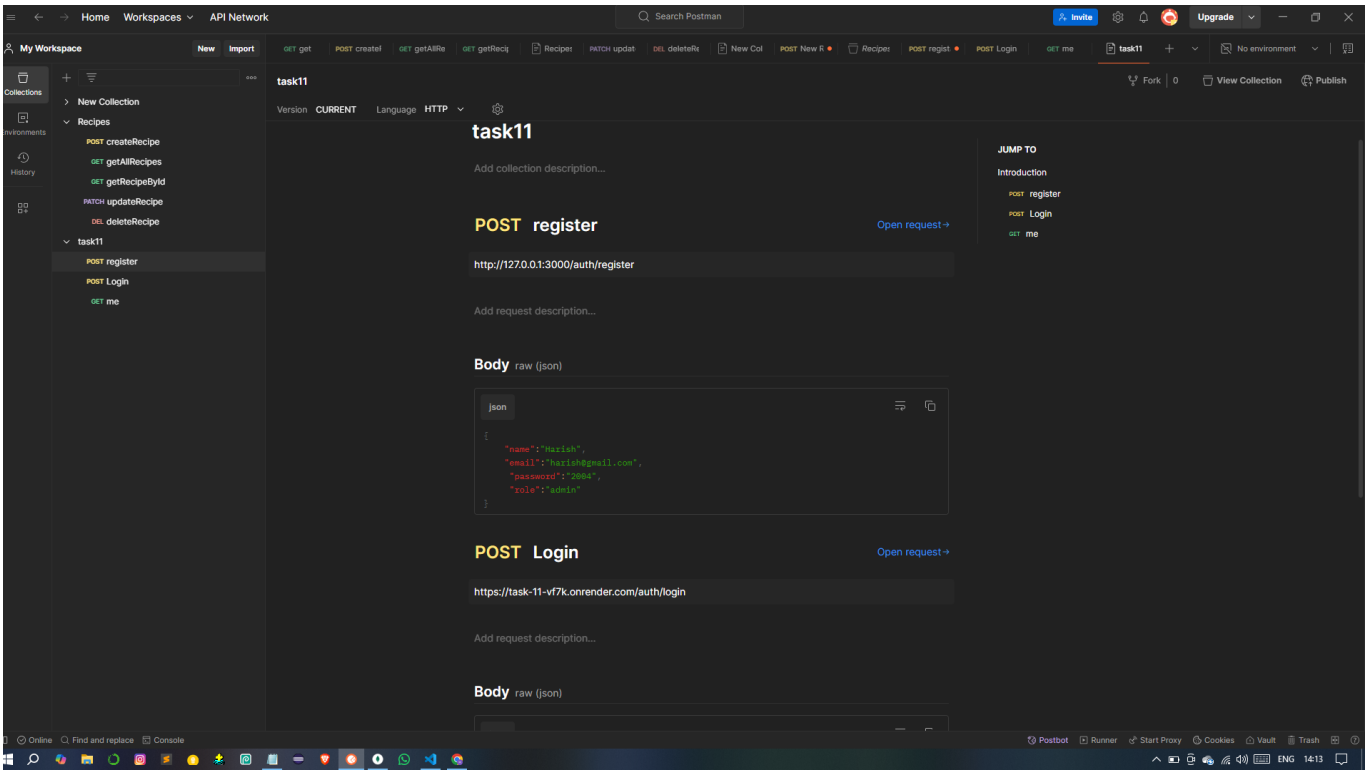
- Response:
-

```
{
  "token": "your_jwt_token",
  "message": "User logged in successfully"
}
```

3. GET /auth/user

- Description: Fetch the current logged-in user's details. Requires a valid JWT token.
- Headers:
  - `Authorization: Bearer <JWT_TOKEN>`
- Response:

```
{
  "username": "exampleuser",
  "email": "user@example.com",
  "role": "user"
}
```


Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Collections
New Collection
Recipes
POST createRecipe
GET getAllRecipes
GET getRecipeById
PATCH updateRecipe
DEL deleteRecipe
task11
POST register
POST Login
GET me
task11
Version CURRENT
Language HTTP
Fork 0
View Collection
Publish
task11
Add collection description...
POST register
Open request
http://127.0.0.1:3000/auth/register
Add request description...
Body raw (json)
json
{
"name":"Harish",
"email":"harish@gmail.com",
"password":"2004",
"role":"admin"
}
POST Login
Open request
https://task-11-vf7k.onrender.com/auth/login
Add request description...
Body raw (json)
JUMP TO
Introduction
POST register
POST Login
GET me
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash
ENG
14:13