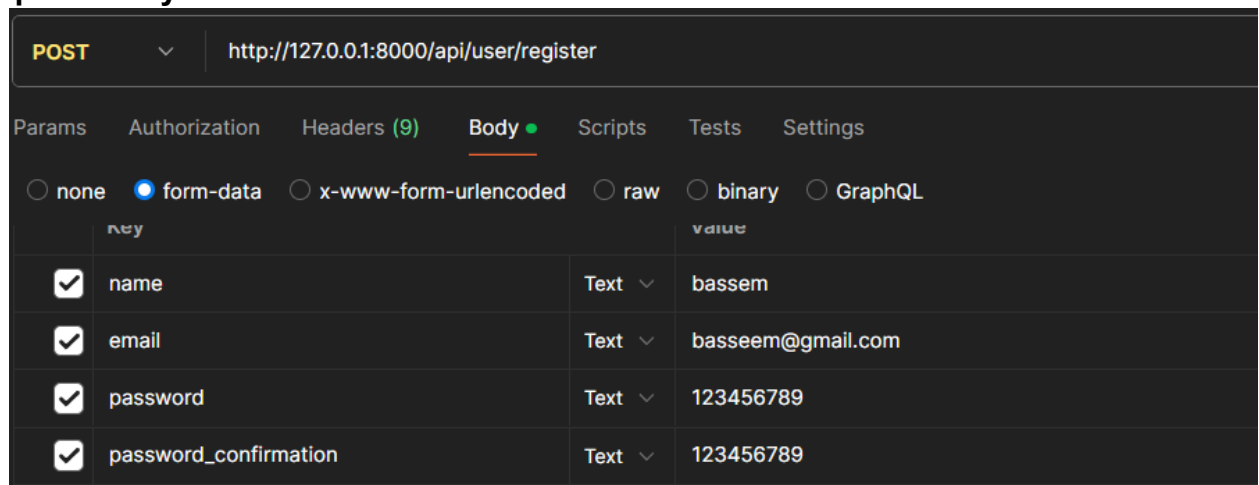# Introduction

This project is a user authentication system and a CRUD note application built using the PHP Laravel framework. It provides a web interface and RESTful APIs for user registration, login, logout, and note management.

API Documentation

1. Registration

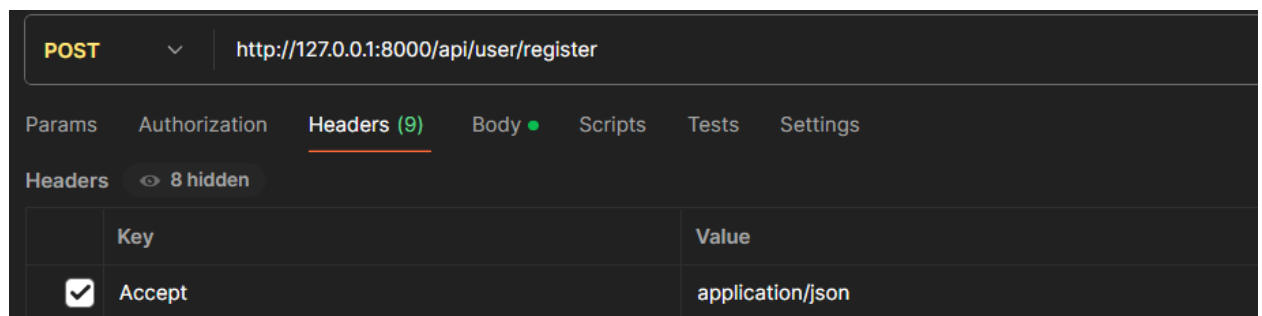**Endpoint:** http://127.0.0.1:8000/api/user/register -> POST

Request Body:

Header:

Response:

'created' on success

'something went wrong' on error

2. Login

Endpoint: http://127.0.0.1:8000/api/user/login   --> POST

Request Body:

POST ∨	http://127.0.0.1:8000/api/user/login

Params   Authorization   Headers (9)   **Body** ●   Scripts   Tests   Settings

○ none   ● form-data   ○ x-www-form-urlencoded   ○ raw   ○ binary   ○ GraphQL

	Key		Value
☑	email	Text ∨	basseem@gmail.com
☑	password	Text ∨	123456789

Header:

POST ∨	http://127.0.0.1:8000/api/user/login

Params   Authorization   **Headers (9)**   Body ●   Scripts   Tests   Settings

Headers   👁 8 hidden

	Key	Value
☑	Accept	application/json

Response:

'login successfully' on success

'something went wrong' on error

3. Logout

Endpoint: http://127.0.0.1:8000/api/user/logout   --> POST

Header:

Response:

'logged out successfully' on success

'something went wrong' on error

CRUD Notes

1. **Create Note**

   Endpoint: http://127.0.0.1:8000/api/notes --> POST

   Request Body:

   Header:

   Response:

   'Note created successfully' on success

   'something went wrong' on error

2. **Show Note**

Endpoint: http://127.0.0.1:8000/api/notes/1/show --> GET

Header:

Response:
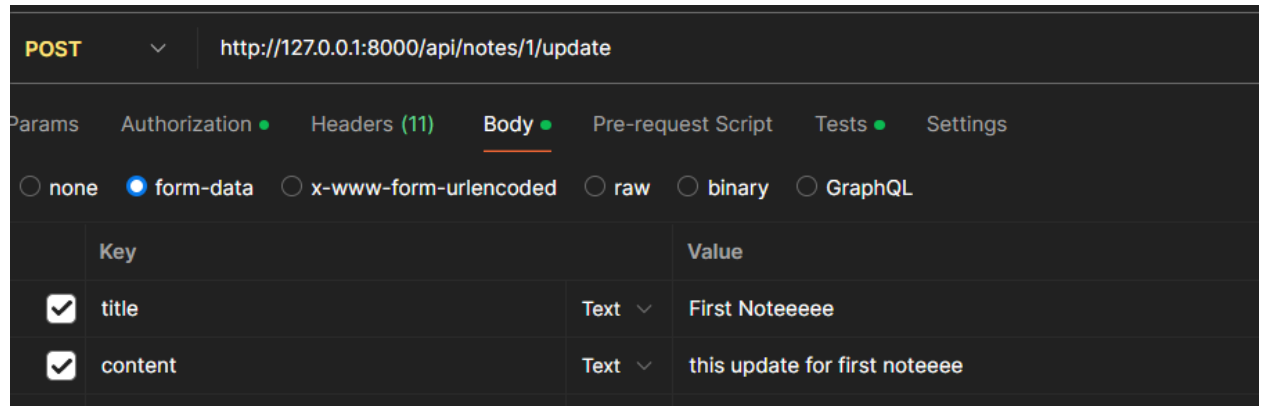
'**Note data' on success**

'**something went wrong' on error**

3. **Update Note**
    Endpoint: http://127.0.0.1:8000/api/notes/1/update --> POST
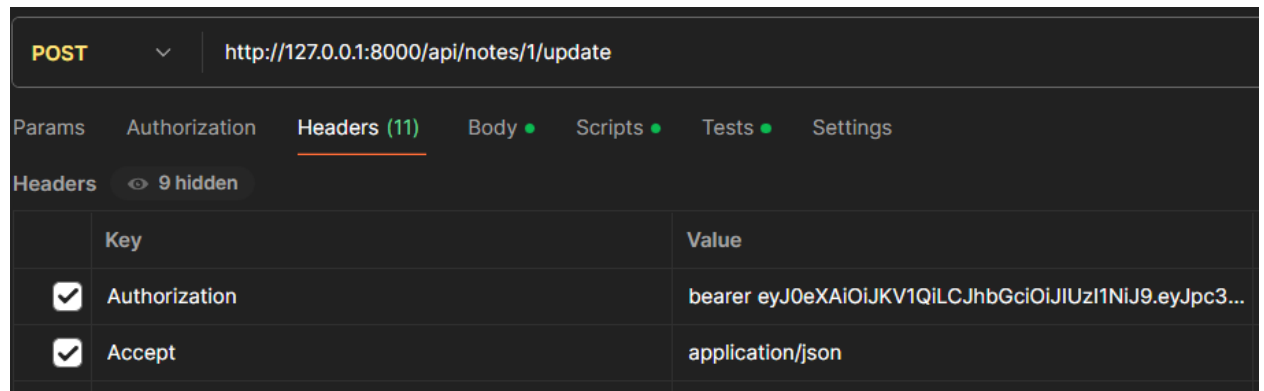
Request Body:

Header:

Response:

'Note updated successfully' on success

'something went wrong' on error

4. Get all Notes
Endpoint: http://127.0.0.1:8000/api/notes --> GET

Header:

Response:

'All Notes Data' on success

'something went wrong' on error

5. Delete Note
Endpoint: http://127.0.0.1:8000/api/notes/1/delete --> DELETE

Header:

Response:

'Note Deleted Successfully' on success

'something went wrong' on error