

A2 – Luke Lagunowich

Readme File

GitHub: <https://github.com/lukelagunowich/cse44693-A2-lagunowich>

API Tests:

POST /register

The screenshot displays a REST client interface for testing the `POST /register` endpoint. The URL is `http://localhost:3000/user/register`. The request is a `POST` with a JSON body:

```
1 {
2   "username": "llagunow",
3   "email": "llagunow@nd.edu",
4   "password": "password12345"
5 }
```

The response is a `200 OK` status with a response time of `92 ms` and a body size of `400 B`. The response body is a JSON object:

```
1 {
2   "username": "llagunow",
3   "email": "llagunow@nd.edu",
4   "password": "$2b$05$goIYDHeoq7viuKC7AaAOP0gT/1qRVswH46e7.OV1psNpzGvmWGNXG",
5   "_id": "67dd48df651f5b38febf66cf",
6   "__v": 0
7 }
```

User registers their account. Password is hashed.

POST /login

POST

http://localhost:3000/user/login

Send

Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

Beautify

Body

Cookies

Headers (8)

Test Results

200 OK

41 ms

565 B

Visualize

{}

JSON

Preview

Visualize

User logs into account. Receives auth-token which allows for posting, updating posts, and deleting posts.

POST /posts

POST

http://localhost:3000/post

Send

Params

Authorization

Headers (9)

Body

Scripts

Settings

Cookies

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

Beautify

```
1 {
2   "title": "My First Post",
3   "description": "This is the description of my first post."
4 }
```

Body

Cookies

Headers (7)

Test Results

200 OK • 152 ms • 370 B •

{ } JSON

Preview

Visualize

```
1 {
2   "title": "My First Post",
3   "description": "This is the description of my first post.",
4   "likes": 0,
5   "_id": "67dd4d773e68746fb6830c60",
6   "__v": 0
7 }
```

Create a post. Requires user auth-token in header.

GET /posts

GET [Send](#)

Params Authorization Headers (7) **Body** Scripts Settings [Cookies](#)

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL [JSON](#) [Beautify](#)

1

Body Cookies Headers (7) Test Results [🕒](#) **200 OK** • 35 ms • 372 B • [🌐](#) [⋮](#)

[{} JSON](#) [▶ Preview](#) [🔗 Visualize](#) [⌵](#) [☰](#) [📄](#) [🔍](#) [🔗](#)

```
1  [
2    {
3      "_id": "67dd4d773e68746fb6830c60",
4      "title": "My First Post",
5      "description": "This is the description of my first post.",
6      "likes": 0,
7      "__v": 0
8    }
9  ]
```

Gets all available posts.

GET /posts/:id

The screenshot shows a REST client interface with the following components:

- Request Bar:** Method **GET**, URL `http://localhost:3000/post/67dd64ff0a3eb629c5a11f03`, and a **Send** button.
- Request Tabs:** Params, Authorization, Headers (9), **Body** (selected), Scripts, Settings.
- Request Body:** A JSON object:

```
1 {
2   "title": "My First Post",
3   "description": "This is the description of my first post."
4 }
```
- Response Bar:** Status **200 OK**, Time **309 ms**, Size **370 B**, and a globe icon.
- Response Tabs:** **Body** (selected), Cookies, Headers (7), Test Results.
- Response Body:** A JSON object:

```
1 {
2   "_id": "67dd64ff0a3eb629c5a11f03",
3   "title": "My First Post",
4   "description": "This is the description of my first post.",
5   "likes": 0,
6   "__v": 0
7 }
```

Gets posts by ID.

PATCH /posts/:id

The screenshot shows a REST client interface with the following details:

- Method:** PATCH
- URL:** http://localhost:3000/post/67dd4d773e68746fb6830c60
- Body:**

```
{
  "title": "Updated Post Title 2",
  "description": "Updated post description 2."
}
```
- Response:** 200 OK, 76 ms, 327 B. The response body is:

```
{
  "acknowledged": true,
  "modifiedCount": 1,
  "upsertedId": null,
  "upsertedCount": 0,
  "matchedCount": 1
}
```

Allows for updates to the individual parameters of the post. I changed API endpoint from PUT to PATCH for this reason.

DELETE /posts/:id

DELETE

http://localhost:3000/post/67dd4d773e68746fb6830c60

Send

Params

Authorization

Headers (9)

Body

Scripts

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautifuly

1

{

2

"title": "Updated Post Title 2",

3

"description": "Updated post description 2."

4

}

Body

Cookies

Headers (7)

Test Results

200 OK • 64 ms • 273 B •

{}

JSON

Preview

Visualize

1

{

2

"acknowledged": true,

3

"deletedCount": 1

4

}

Delete post by ID.