

- Register New User

The screenshot shows the REST Client interface with a POST request to `http://localhost:5000/api/auth/register`. The request body is a JSON object with the following fields:

```
1 {
2   "username": "testuser",
3   "email": "testuser@example.com",
4   "password": "password123"
5 }
```

The response status is 201 Created, with a response time of 450 ms and a body size of 314 B. The response body is a JSON object:

```
1 {
2   "message": "User registered successfully"
3 }
```

- Login

The screenshot shows the REST Client interface with a POST request to `http://localhost:5000/api/auth/login`. The request body is a JSON object with the following fields:

```
1 {
2   "username": "testuser",
3   "password": "password123"
4 }
```

The response status is 200 OK, with a response time of 304 ms and a body size of 631 B. The response body is a JSON object:

```
1 {
2   "result": {
3     "_id": "667406b724ab3a39ed9ab3c9",
4     "username": "testuser",
5     "email": "testuser@example.com",
6     "password": "$2a$12$AKVjH/JsCjknz2fEf5IAkujwzsjs./
7       bV2S2xRSnY2whH0327Bmiy2",
8     "__v": 0
9   },
10  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY2NzQwNmI3MjRhYjNhMzllZDlhYjNjOSIsImhhdCI6MTcxODg4MDA1NiwiZXhwIjoxNzE4ODg4NjU2fQ.0xxJst710R_dYVGU0Cqf9rNa4YsDgKD0fPQsctCSRU"
```

- Forget password

The screenshot shows the REST Client interface. The top bar indicates the current workspace is 'REST API basics: CRUD, test & variable / Get data'. The request is a POST to 'http://localhost:5000/api/auth/forgot-password'. The 'Body' tab is selected, showing a raw JSON payload:

```
{ 1: { 2: { "email": "testuser@example.com" 3: } 4: }
```

. The response status is '200 OK' with a response time of '6 ms' and a size of '305 B'. The response body is displayed in the 'Pretty' view as:

```
{ 2: { "message": "Password reset link sent" 3: }
```

- New post by user // using token received while login

The screenshot shows the REST Client interface. The top bar indicates the current workspace is 'REST API basics: CRUD, test & variable / Get data'. The request is a POST to 'http://localhost:5000/api/posts'. The 'Body' tab is selected, showing a raw JSON payload:

```
{ 1: { 2: { "text": "This is a new post!" 3: }
```

. The response status is '201 Created' with a response time of '45 ms' and a size of '437 B'. The response body is displayed in the 'Pretty' view as:

```
{ 2: { "user": "667406b724ab3a39ed9ab3c9", 3: "text": "This is a new post!", 4: "likes": [], 5: "_id": "6674087324ab3a39ed9ab3cc", 6: "comments": [], 7: "date": "2024-06-20T10:46:11.924Z", 8: "__v": 0 9: }
```

- read all posts // using token received while login

REST API basics: CRUD, test & variable / Get data

GET http://localhost:5000/api/posts

Params Auth Headers (9) Body Scripts Tests Settings Cookies Beautify

raw JSON

```
1 {
2   "text": "This is a new post!"
3 }
```

Body 200 OK 66 ms 578 B Save as example

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "_id": "6674087324ab3a39ed9ab3cc",
4     "user": {
5       "_id": "667406b724ab3a39ed9ab3c9",
6       "username": "testuser",
7       "email": "testuser@example.com",
8       "password": "$2a$12$AKVjH/JsCjknz2fEf5IAkujwzsjs./
9         bV2S2xRSnY2whH0327Bmiy2",
10      "__v": 0
11    },
12    "text": "This is a new post!",
13    "likes": [],
14    "comments": [],
15    "date": "2024-06-20T10:46:11.924Z",
16    "__v": 0
17  }
18 ]
```

- Delete post // use id which was created while creating post && using token received while login

REST API basics: CRUD, test & variable / Get data

DELETE http://localhost:5000/api/posts/66740b6124ab3a39ed9ab3d4

Params Auth Headers (7) Body Scripts Tests Settings Cookies Beautify

raw JSON

```
1
```

Body 200 OK 82 ms 306 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Post deleted successfully"
3 }
```

- update a post // use id which was created while creating post && using token received while login

The screenshot shows the REST Client interface with a PATCH request to `http://localhost:5000/api/posts/6674087324ab3a39ed9ab3cc`. The request body is a JSON object:

```
1 {
2   "text": "This is an updated post!"
3 }
```

The response status is 200 OK, 78 ms, 437 B. The response body is shown in the 'Body' tab, formatted as JSON:

```
1 {
2   "_id": "6674087324ab3a39ed9ab3cc",
3   "user": "667406b724ab3a39ed9ab3c9",
4   "text": "This is an updated post!",
5   "likes": [],
6   "comments": [],
7   "date": "2024-06-20T10:46:11.924Z",
8   "__v": 0
9 }
```

- like a post // use id which was created while creating post && using token received while login

The screenshot shows the REST Client interface with a PATCH request to `http://localhost:5000/api/posts/6674087324ab3a39ed9ab3cc/like`. The request body is empty. The response status is 200 OK, 75 ms, 463 B. The response body is shown in the 'Body' tab, formatted as JSON:

```
1 {
2   "_id": "6674087324ab3a39ed9ab3cc",
3   "user": "667406b724ab3a39ed9ab3c9",
4   "text": "This is an updated post!",
5   "likes": [
6     "667406b724ab3a39ed9ab3c9"
7   ],
8   "comments": [],
9   "date": "2024-06-20T10:46:11.924Z",
10  "__v": 1
11 }
```

- comment on post // use id which was created while creating post && using token received while login

REST API basics: CRUD, test & variable / Get data

Save

Share

POST

http://localhost:5000/api/posts/6674087324ab3a39ed9ab3cc/comn...

Send

Params

Auth

Headers (9)

Body

Scripts

Tests

Settings

Cookies

Beautiful

raw

JSON

```
1 {
2   "text": "This is a comment!"
3 }
```

Body

201 Created 80 ms 599 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "_id": "6674087324ab3a39ed9ab3cc",
3   "user": "667406b724ab3a39ed9ab3c9",
4   "text": "This is an updated post!",
5   "likes": [
6     "667406b724ab3a39ed9ab3c9"
7   ],
8   "comments": [
9     {
10      "user": "667406b724ab3a39ed9ab3c9",
11      "text": "This is a comment!",
12      "_id": "66740fb000041a53f19503ba",
13      "date": "2024-06-20T11:17:04.202Z"
14    }
15  ],
16  "date": "2024-06-20T10:46:11.924Z",
17  "__v": 2
18 }
```