Team Name: Carbon

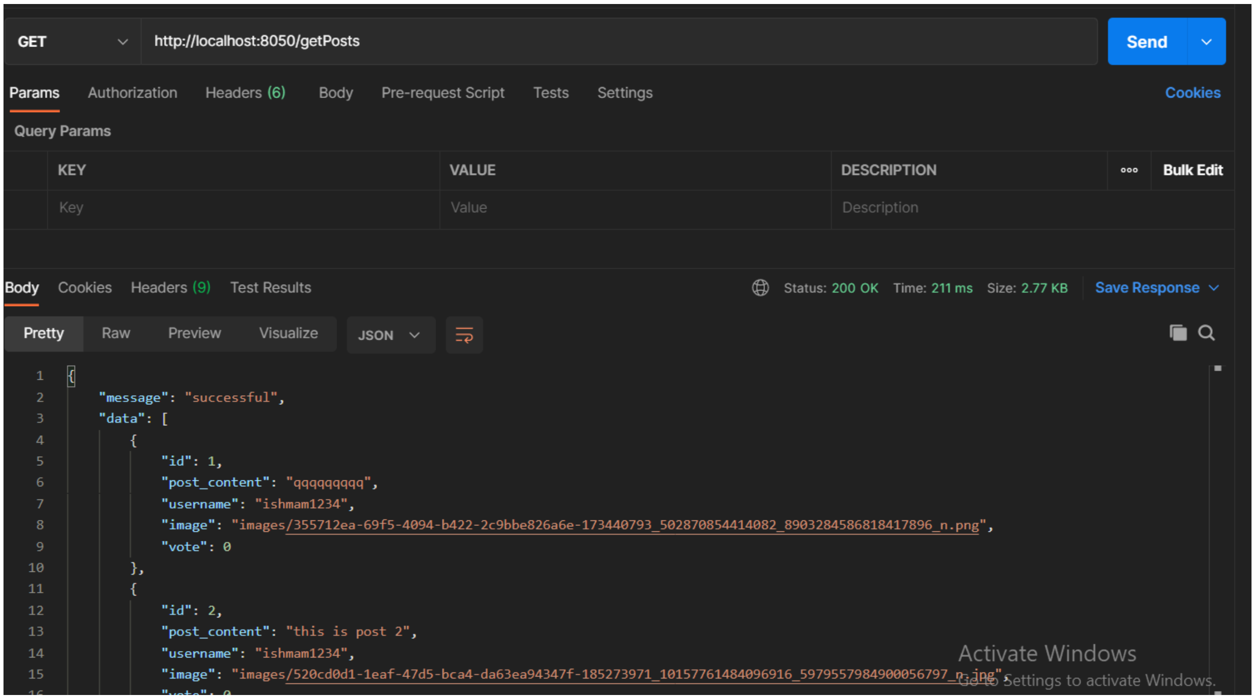
Login and authentication system:

We are maintaining the logging system with json web token(JWT) for the period of the 1 hours and after the expiration it will become invalid,we inject the token in the browser of the user and we validate the hashed token(JWT hashed) and we can decode or decrypt the hashed token in the server side,we have the private key in our server side to decode.After decrypting the token we match from the database to pull the corresponding data of that particular user from the database.

Routes:

Route-1(Getting the post):

It will fetch all the post from the server directly and the user login



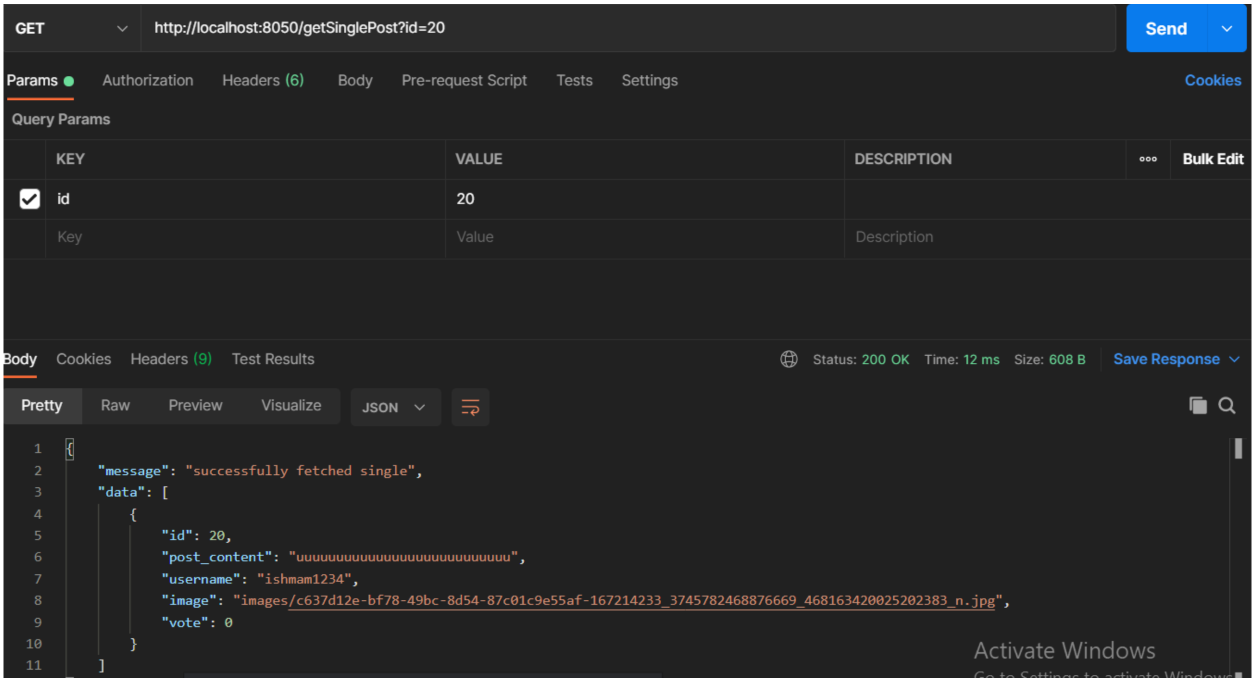
http://localhost:8050/getPosts

Status: 200 OK Time: 211 ms Size: 2.77 KB

```
{
    "message": "successful",
    "data": [
        {
            "id": 1,
            "post_content": "qqqqqqqqq",
            "username": "ishmam1234",
            "image": "images/355712ea-69f5-4094-b422-2c9bbe826a6e-173440793_502870854414082_8903284586818417896_n.png",
            "vote": 0
        },
        {
            "id": 2,
            "post_content": "this is post 2",
            "username": "ishmam1234",
            "image": "images/520cd0d1-1eaf-47d5-bca4-da63ea94347f-185273971_10157761484096916_5979557984900056797_n.jpg",
            "vote": 0
```

Fetch Single Post:

This route will fetch all the single post of the user:



GET http://localhost:8050/getSinglePost?id=20

Query Params

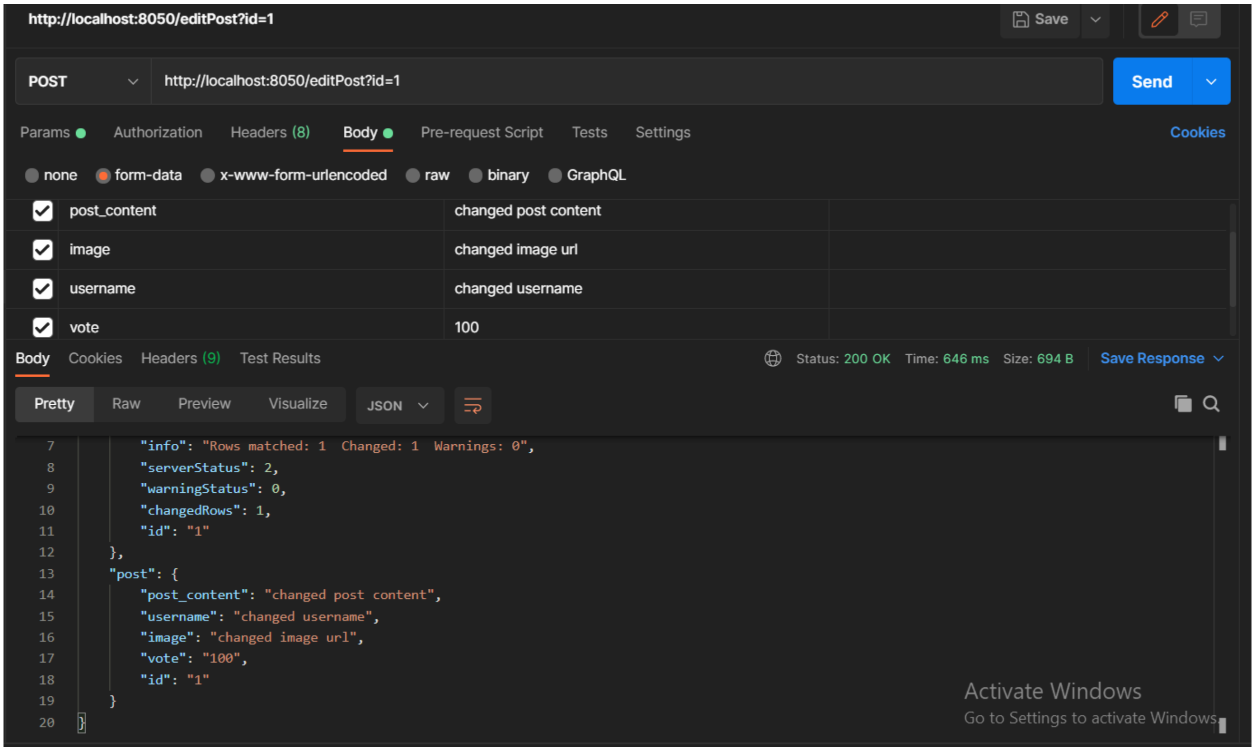
KEY	VALUE	DESCRIPTION
☑ id	20	
Key	Value	Description

Status: 200 OK Time: 12 ms Size: 608 B

```
{
    "message": "successfully fetched single",
    "data": [
        {
            "id": 20,
            "post_content": "uuuuuuuuuuuuuuuuuuuuuuuuuuu",
            "username": "ishmam1234",
            "image": "images/c637d12e-bf78-49bc-8d54-87c01c9e55af-167214233_3745782468876669_468163420025202383_n.jpg",
            "vote": 0
        }
    ]
```

Edit post:

On the basis of the id it sorts all the post and the user while authenticated, can edit all the post.



http://localhost:8050/editPost?id=1

POST http://localhost:8050/editPost?id=1

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

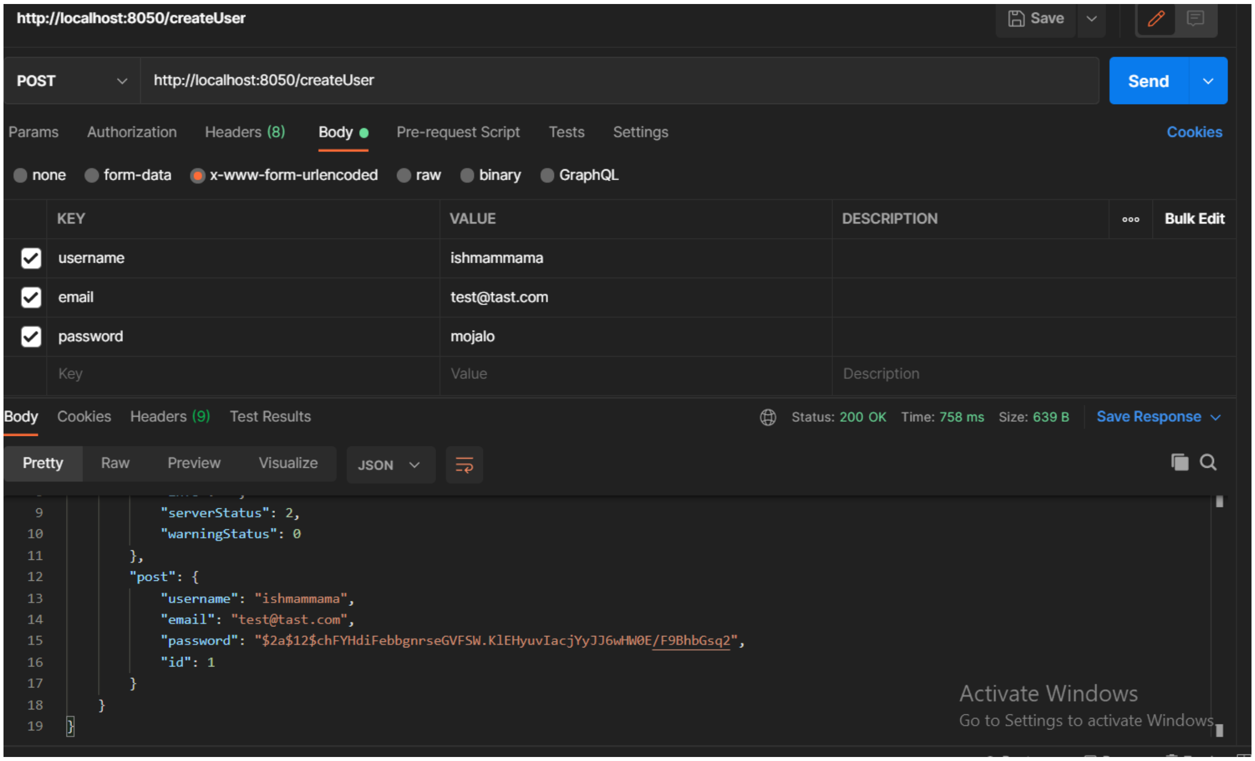
☑ post_content	changed post content
☑ image	changed image url
☑ username	changed username
☑ vote	100

Status: 200 OK Time: 646 ms Size: 694 B

```
            "info": "Rows matched: 1  Changed: 1  Warnings: 0",
            "serverStatus": 2,
            "warningStatus": 0,
            "changedRows": 1,
            "id": "1"
        },
        "post": {
            "post_content": "changed post content",
            "username": "changed username",
            "image": "changed image url",
            "vote": "100",
            "id": "1"
        }
}
```

Create New User:

This for signing new user to the server,here a new user is created



http://localhost:8050/createUser

POST http://localhost:8050/createUser Send

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

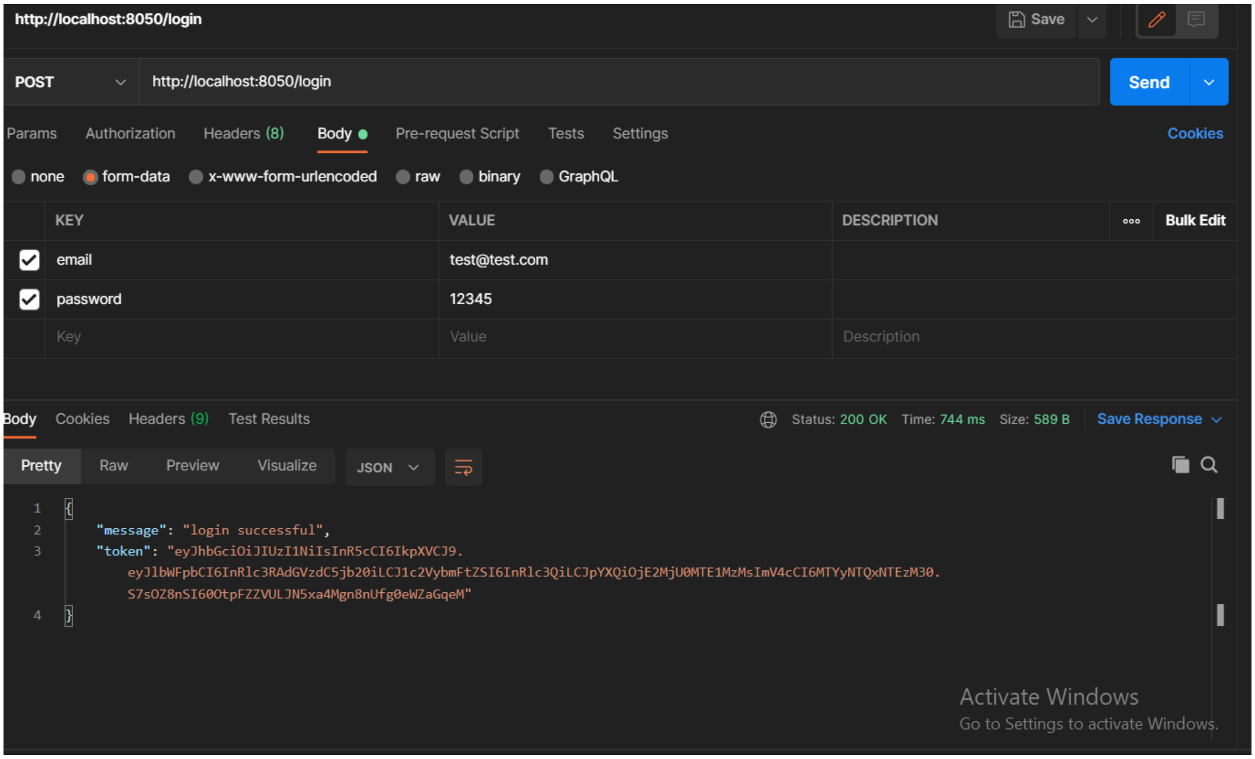
	KEY	VALUE	DESCRIPTION
☑	username	ishmammama	
☑	email	test@tast.com	
☑	password	mojalo	
	Key	Value	Description

Body Status: 200 OK Time: 758 ms Size: 639 B

JSON

```
            "serverStatus": 2,
            "warningStatus": 0
        },
        "post": {
            "username": "ishmammama",
            "email": "test@tast.com",
            "password": "$2a$12$chFYHdiFebbgnrseGVFSW.KlEHyuvIacjYyJJ6wHW0E/F9BhbGsq2",
            "id": 1
        }
    }
}
```

Login:



http://localhost:8050/login

POST http://localhost:8050/login Send

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

	KEY	VALUE	DESCRIPTION
☑	email	test@test.com	
☑	password	12345	
	Key	Value	Description

Body Status: 200 OK Time: 744 ms Size: 589 B

JSON

```
{
    "message": "login successful",
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
        eyJlbWFpbCI6InRlc3RAdGVzdC5jb20iLCJ1c2VybmFtZSI6InRlc3QiLCJpYXQiOjE2MjU0MTE1MzMsImV4cCI6MTYyNTQxNTEzM30.
        S7sOZ8nSI60OtpFZZVULJN5xa4Mgn8nUfg0eWZaGqeM"
}
```