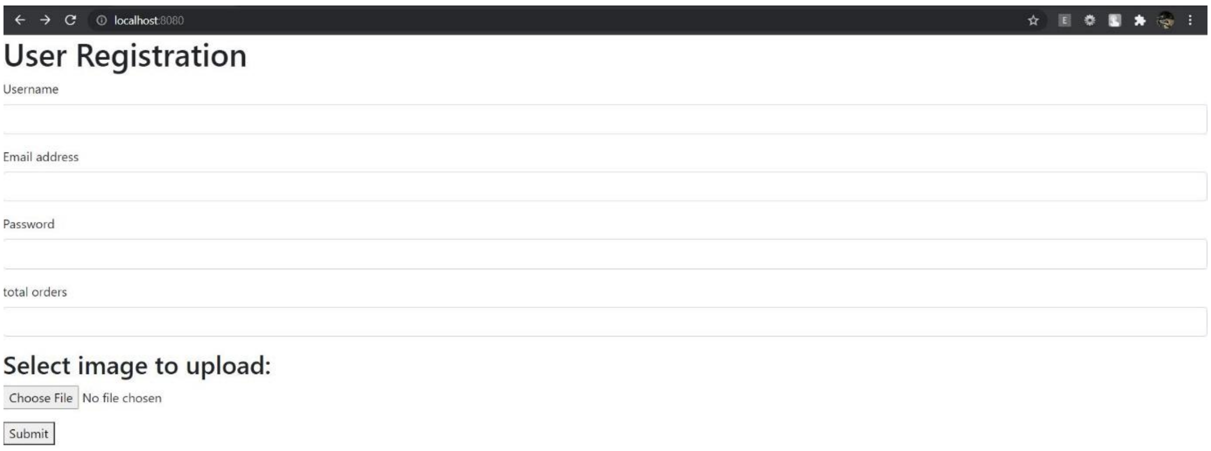
Finstreet Customer Details APIs

Using Node.js, MySQL and JWT

HTML form:



localhost:8080

User Registration

Username

Email address

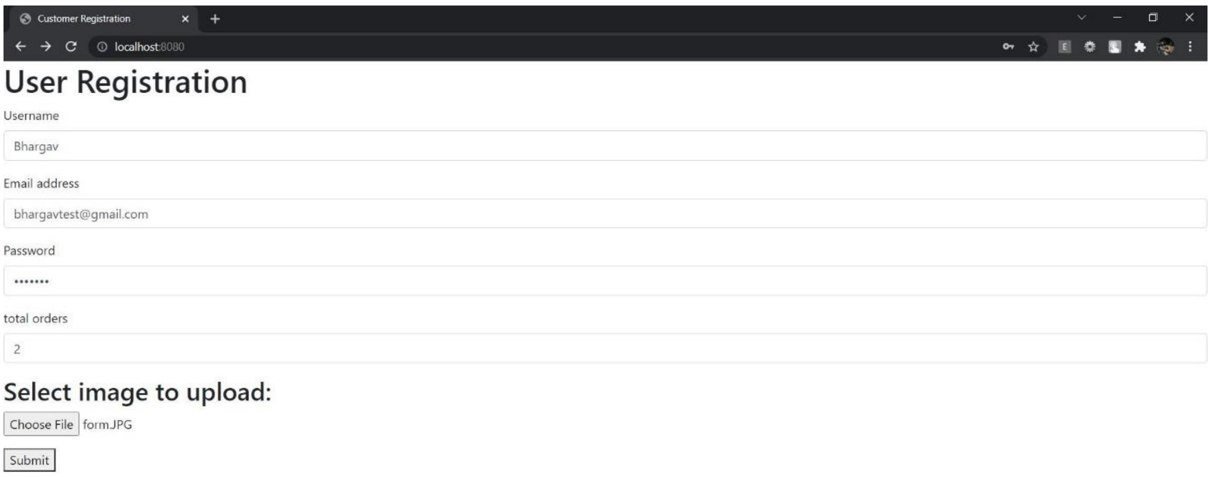
Password

total orders

Select image to upload:

Choose File No file chosen

Submit



Customer Registration

localhost:8080

User Registration

Username: Bhargav

Email address: bhargavtest@gmail.com

Password: •••••••

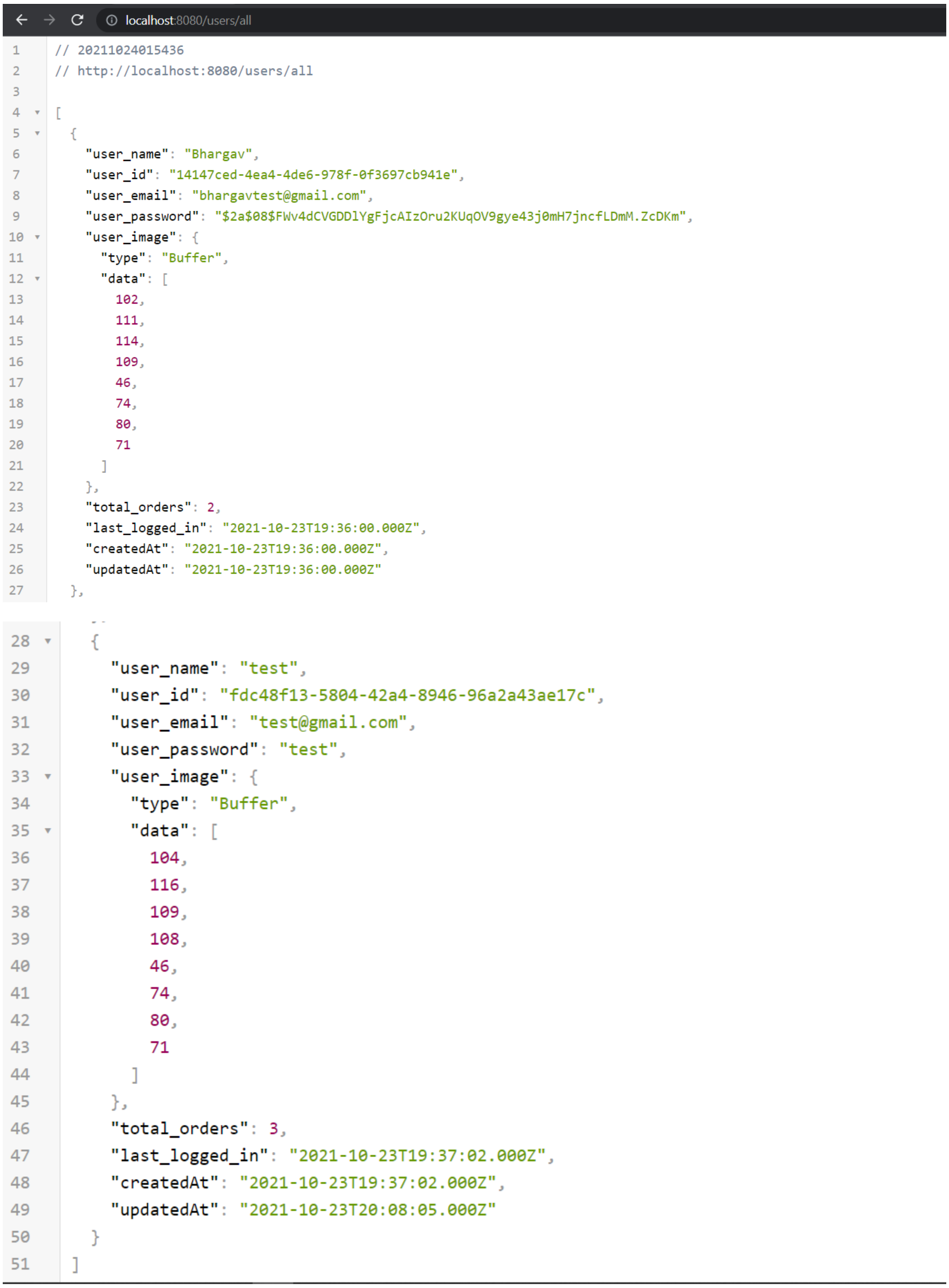
total orders: 2

Select image to upload:

Choose File form.JPG

Submit

On Submit -> Redirected to /users/all


localhost:8080/users/all

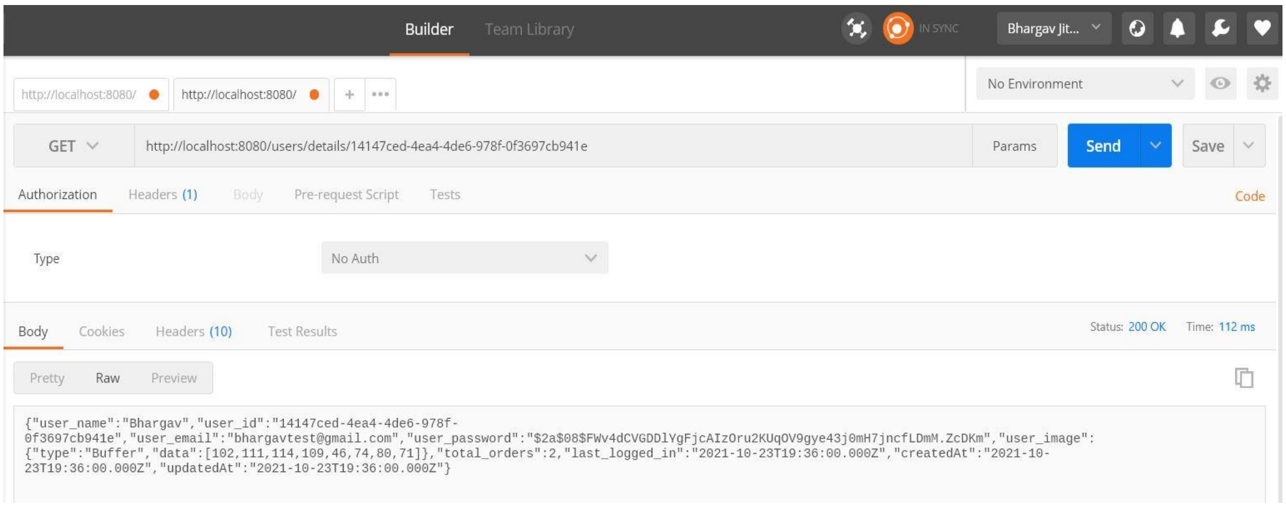
```
// 20211024015436
// http://localhost:8080/users/all

[
  {
    "user_name": "Bhargav",
    "user_id": "14147ced-4ea4-4de6-978f-0f3697cb941e",
    "user_email": "bhargavtest@gmail.com",
    "user_password": "$2a$08$FWv4dCVGDDlYgFjcAIzOru2KUqOV9gye43j0mH7jncfLDmM.ZcDKm",
    "user_image": {
      "type": "Buffer",
      "data": [
        102,
        111,
        114,
        109,
        46,
        74,
        80,
        71
      ]
    },
    "total_orders": 2,
    "last_logged_in": "2021-10-23T19:36:00.000Z",
    "createdAt": "2021-10-23T19:36:00.000Z",
    "updatedAt": "2021-10-23T19:36:00.000Z"
  },
  {
    "user_name": "test",
    "user_id": "fdc48f13-5804-42a4-8946-96a2a43ae17c",
    "user_email": "test@gmail.com",
    "user_password": "test",
    "user_image": {
      "type": "Buffer",
      "data": [
        104,
        116,
        109,
        108,
        46,
        74,
        80,
        71
      ]
    },
    "total_orders": 3,
    "last_logged_in": "2021-10-23T19:37:02.000Z",
    "createdAt": "2021-10-23T19:37:02.000Z",
    "updatedAt": "2021-10-23T20:08:05.000Z"
  }
]
```

- ***/details***

Structure: BASE_URL/details/${user_id}

Returns: object:{…user_details}



GET http://localhost:8080/users/details/14147ced-4ea4-4de6-978f-0f3697cb941e

Type: No Auth

Status: 200 OK Time: 112 ms

```
{"user_name":"Bhargav","user_id":"14147ced-4ea4-4de6-978f-
0f3697cb941e","user_email":"bhargavtest@gmail.com","user_password":"$2a$08$FWv4dCVGDDlYgFjcAIzOru2KUqOV9gye43j0mH7jncfLDmM.ZcDKm","user_image":
{"type":"Buffer","data":[102,111,114,109,46,74,80,71]},"total_orders":2,"last_logged_in":"2021-10-23T19:36:00.000Z","createdAt":"2021-10-
23T19:36:00.000Z","updatedAt":"2021-10-23T19:36:00.000Z"}
```

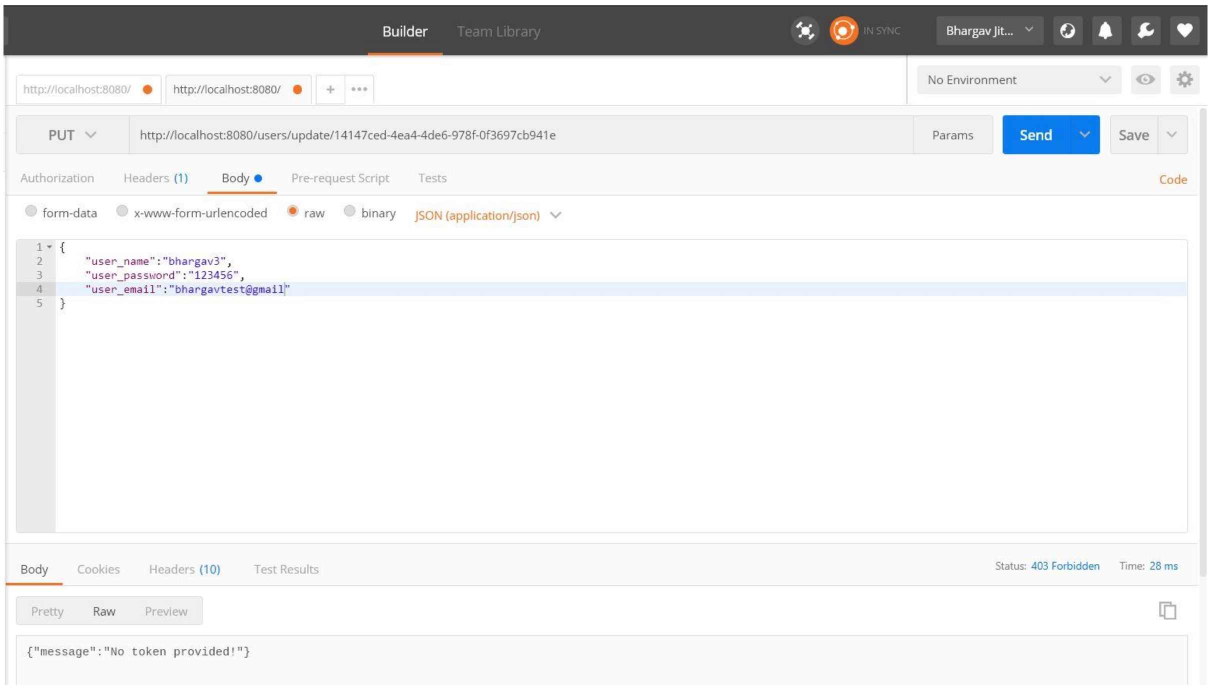
- ***/update***

Structure: BASE_URL/update

Request Body: object:{...new_details_of_user}

Returns: Some kind of a success or failure message for acknowledgement

1. ***Update without login:*** Fails with error message “No token provided!”



PUT http://localhost:8080/users/update/14147ced-4ea4-4de6-978f-0f3697cb941e

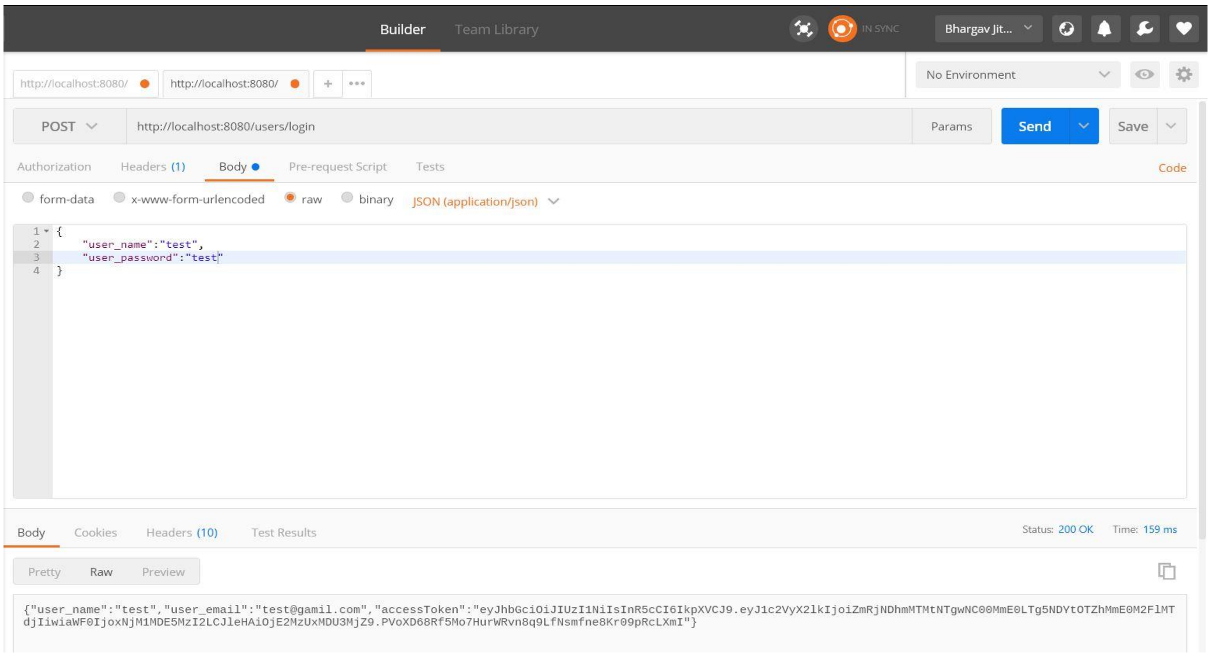
Body: raw, JSON (application/json)

```
{
    "user_name":"bhargav3",
    "user_password":"123456",
    "user_email":"bhargavtest@gmail"
}
```

Status: 403 Forbidden   Time: 28 ms

```
{"message":"No token provided!"}
```

2. ***Update with Login:*** Using username and password generates unique access token, valid for 24hrs.



POST http://localhost:8080/users/login

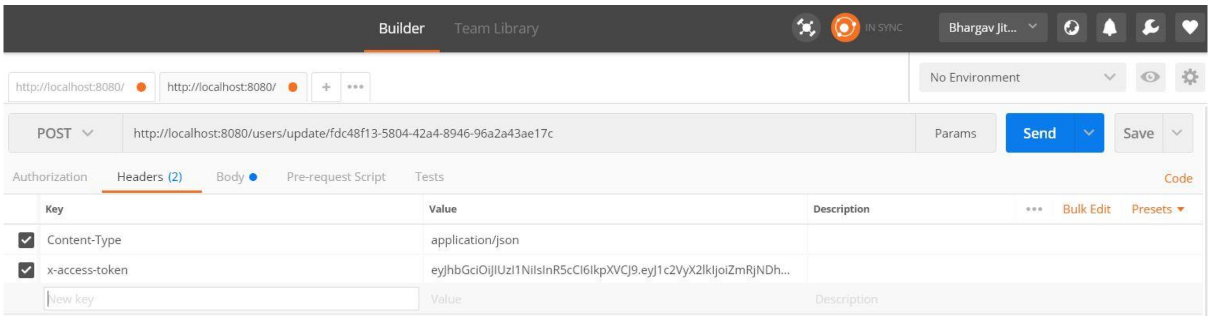
Body: raw, JSON (application/json)

```
{
    "user_name":"test",
    "user_password":"test"
}
```

Status: 200 OK   Time: 159 ms

```
{"user_name":"test","user_email":"test@gamil.com","accessToken":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX2lkIjoiZmRjNDhmMTMtNTgwNC00MmE0LTg5NDYtOTZhMmE0M2FlMT
djIiwiaWF0IjoxNjM1MDE5MzI2LCJleHAiOjE2MzUxMDU3MjZ9.PVoXD68Rf5Mo7HurWRvn8q9LfNsmfne8Kr09pRcLXmI"}
```

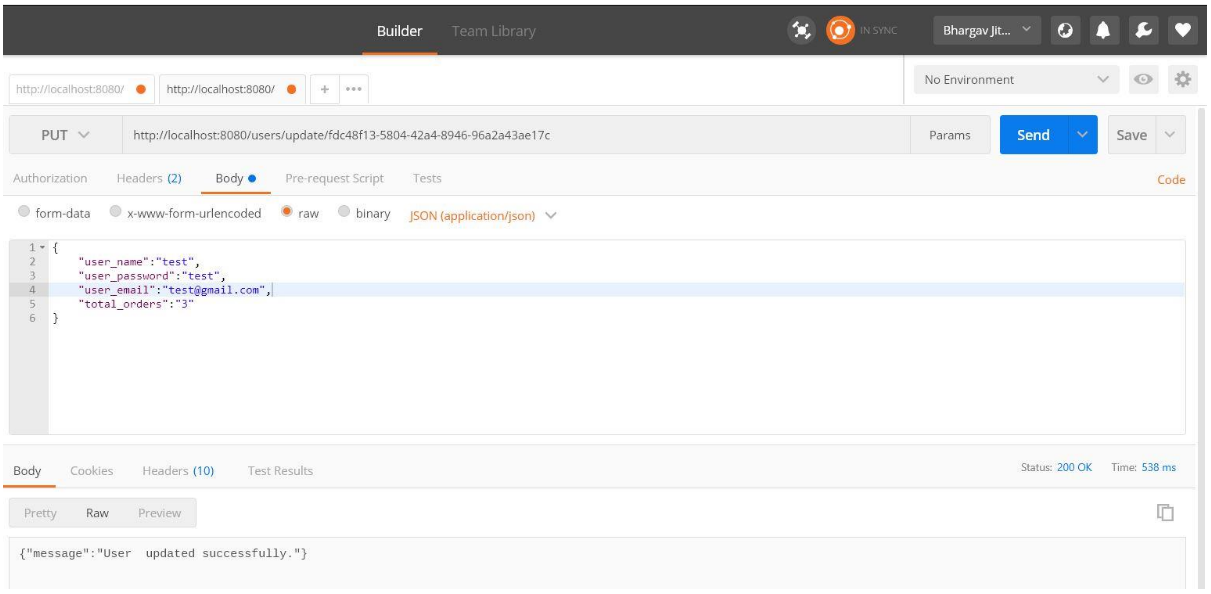
3. Adding access token to header



POST http://localhost:8080/users/update/fdc48f13-5804-42a4-8946-96a2a43ae17c

Key	Value	Description
✓ Content-Type	application/json	
✓ x-access-token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX2lkIjoiZmRjNDh...	
New key	Value	Description

4. Updating total orders



PUT http://localhost:8080/users/update/fdc48f13-5804-42a4-8946-96a2a43ae17c

```
{
    "user_name":"test",
    "user_password":"test",
    "user_email":"test@gmail.com",
    "total_orders":"3"
}
```

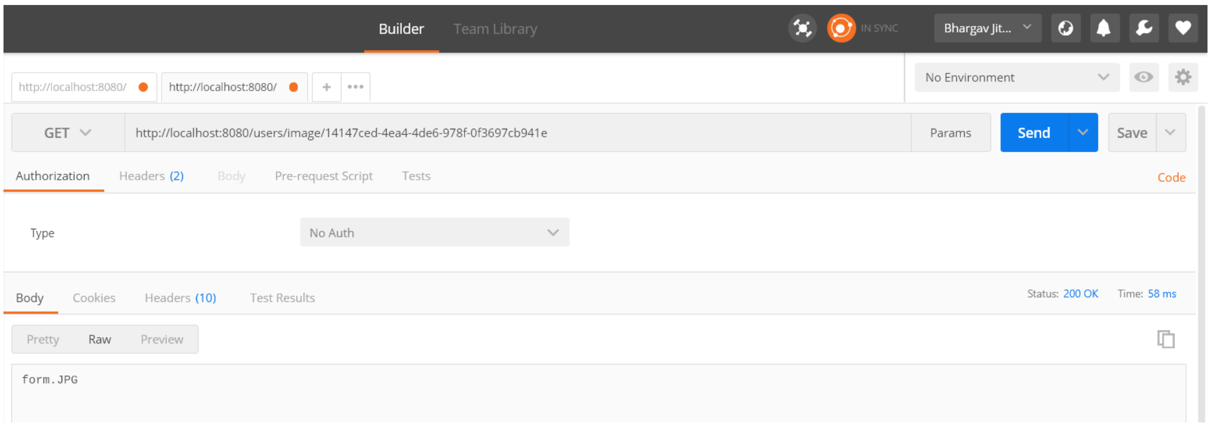
Status: 200 OK Time: 538 ms

```
{"message":"User  updated successfully."}
```

- ***/image***

Structure: BASE_URL/image/${user_id}

Returns: object:{...user_image}



GET http://localhost:8080/users/image/14147ced-4ea4-4de6-978f-0f3697cb941e

Type: No Auth

Status: 200 OK Time: 58 ms

```
form.JPG
```

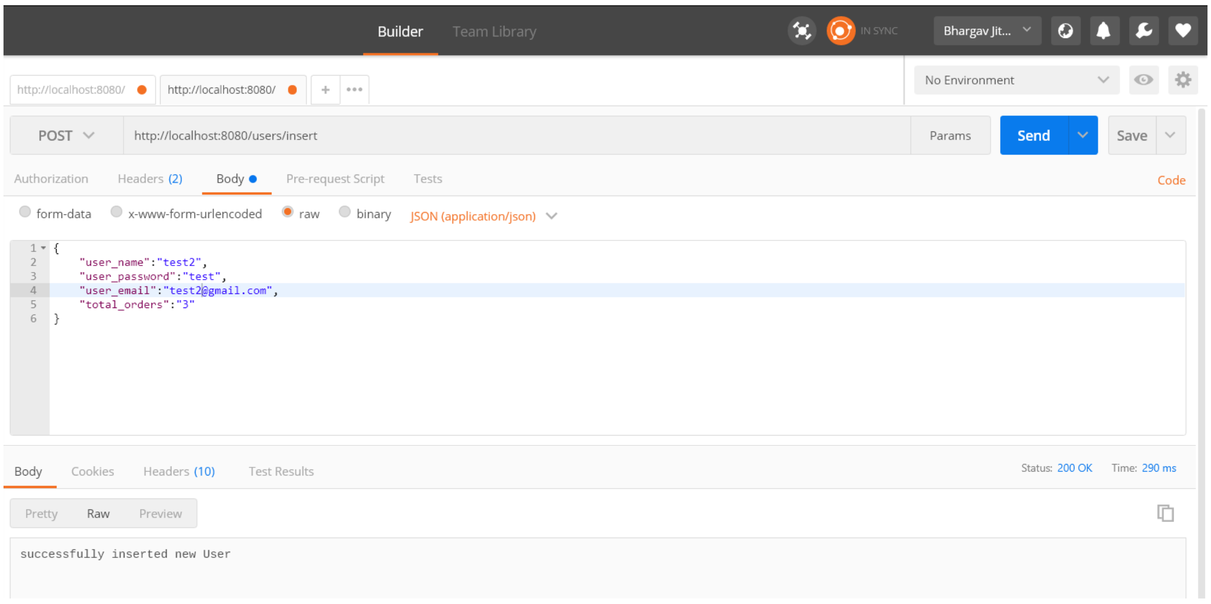
- ***/insert***

Structure: BASE_URL/insert

Request Body: object:{user_details}

Returns: Some kind of success or failure message

1. ***Creating a new user:*** Get Success message



POST http://localhost:8080/users/insert

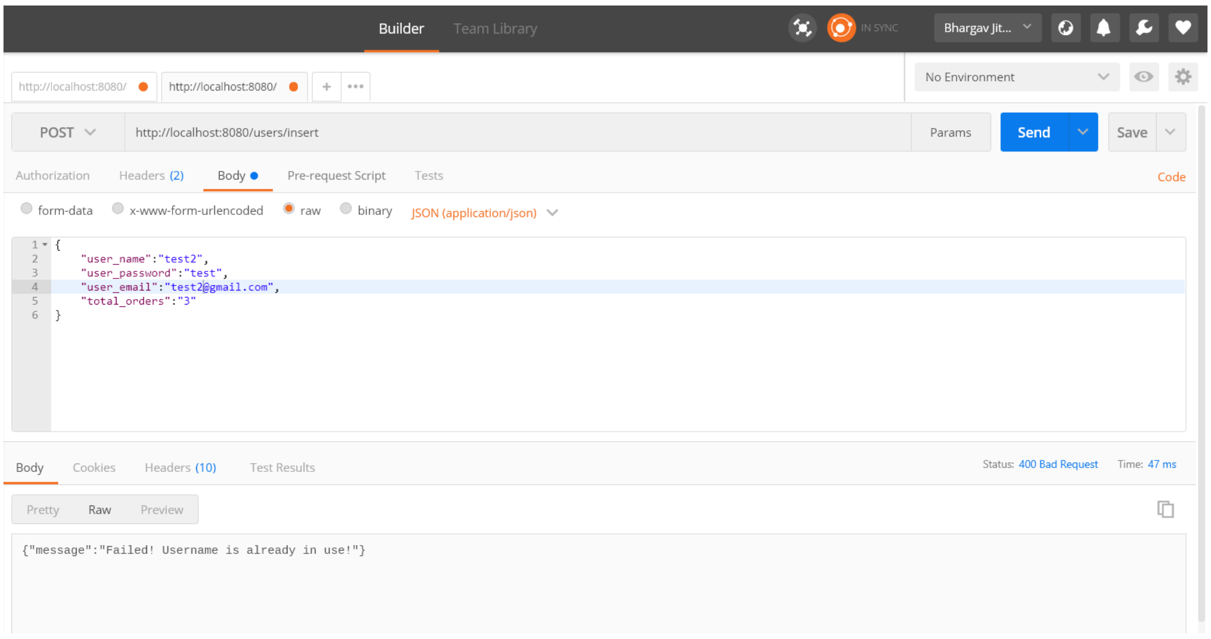
JSON (application/json)

```
{
    "user_name":"test2",
    "user_password":"test",
    "user_email":"test2@gmail.com",
    "total_orders":"3"
}
```

Status: 200 OK Time: 290 ms

```
successfully inserted new User
```

2. ***Adding user using duplicate user_name:*** Error: “Username already in use”



POST http://localhost:8080/users/insert

JSON (application/json)

```
{
    "user_name":"test2",
    "user_password":"test",
    "user_email":"test2@gmail.com",
    "total_orders":"3"
}
```

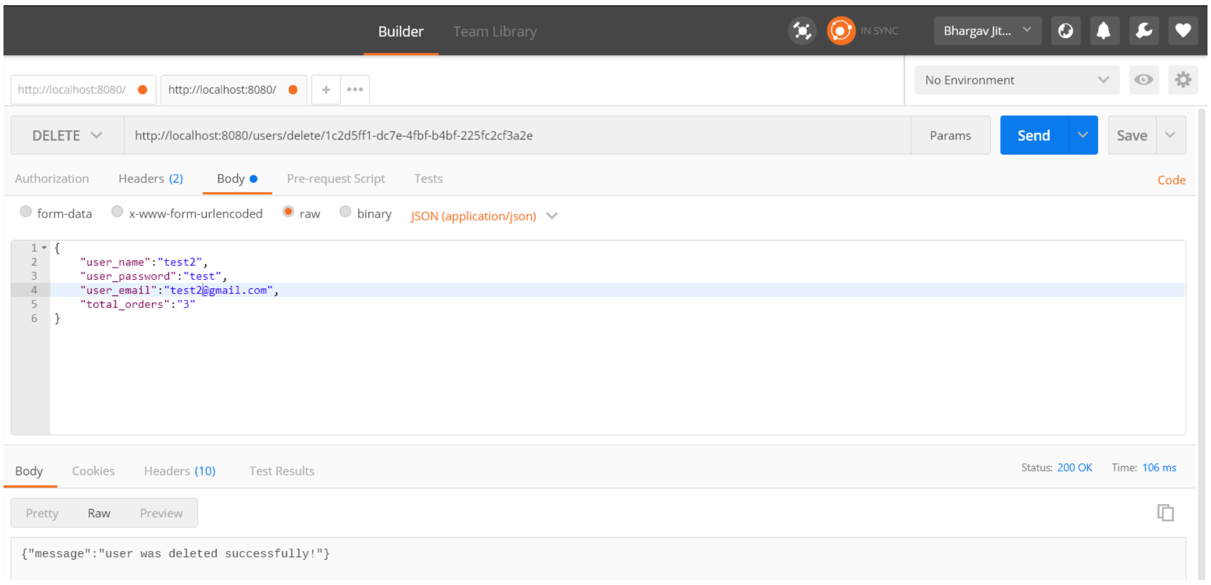
Status: 400 Bad Request Time: 47 ms

```
{"message":"Failed! Username is already in use!"}
```

- ***/delete***

Structure: BASE_URL/delete/${user_id}

Returns: A success or failure message



DELETE http://localhost:8080/users/delete/1c2d5ff1-dc7e-4fbf-b4bf-225fc2cf3a2e

JSON (application/json)

```
{
    "user_name":"test2",
    "user_password":"test",
    "user_email":"test2@gmail.com",
    "total_orders":"3"
}
```

Status: 200 OK Time: 106 ms

```
{"message":"user was deleted successfully!"}
```