Procedure to tun the application:

1. Clone the repository into any folder from the below link

git clone https://github.com/narrarajesh205/myproject

1. Open the folder with Visual Studio code or any IDE
2. Run “npm Install”
3. Once above all done our project is ready to run in port 8080
4. Run the project with command “node app.js” (With this our project will run in the localhost on port 8080)

Now let’s call the APIs from postman;

**API-1- for Signup:**

**Method: POST**

EndPoint: [**http://localhost:8080/signup**](http://localhost:8080/signup)

**Postman Curl:**

curl --location --request POST 'http://localhost:8080/signup' \

--header 'Content-Type: application/json' \

--data-raw '{

    "FName": "Rajesh",

    "LName": "One",

    "Email": "rajesh.one@test.com",

    "Pwd": "Admin@123",

    "Status": "A",

    "TID": 1

}'

**Req.body:**

{

    "FName": "Rajesh",

    "LName": "One",

    "Email": "rajesh.one@test.com",

    "Pwd": "Admin@123",

    "Status": "A",

    "TID": 1

}

**Response:**

{

    "Status": "Signin Successfull"

}

**API-2- for Signin:**

**Method: POST**

EndPoint: [**http://localhost:8080/signin**](http://localhost:8080/signin)

**Postman Curl:**

curl --location --request POST 'http://localhost:8080/signin' \

--header 'Content-Type: application/json' \

--data-raw '{

    "email": "rajesh.one@test.com",

    "password": "Admin@123"

}'

**Req.body:**

{

    "email": "rajesh.one@test.com",

    "password": "Admin@1231"

}

**Response:**

{

    "Status": "Signin Successfull"

}

**API-3- for upload:**

With this endpoint **http://localhost:8080/upload** we can upload Single file, Multiple files and Folder as well

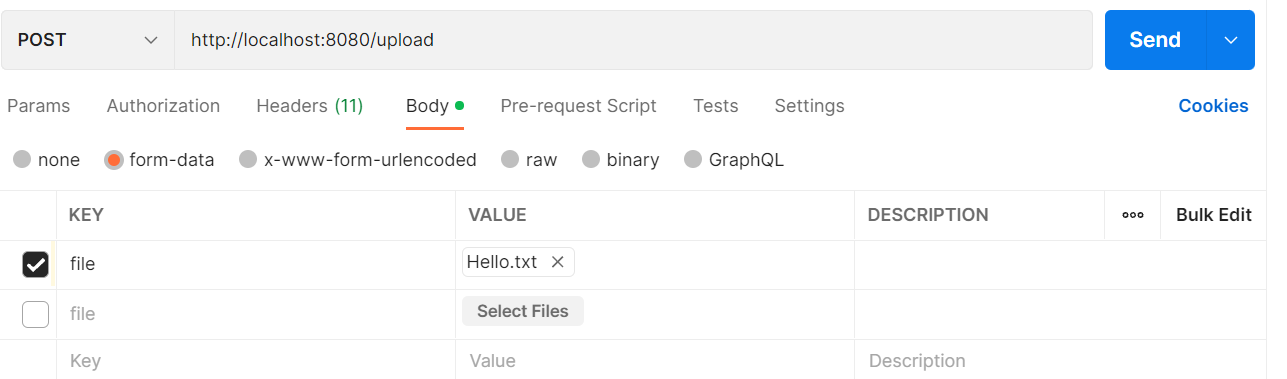
**When we are uploading Multiple files and folder**, We need to pass files in the req.body as a formdata and userID, tenantID and foldename to be passed in the req.headers, with this we will create the folder for that user and we will upload the files which are coming in the request into the same folder.

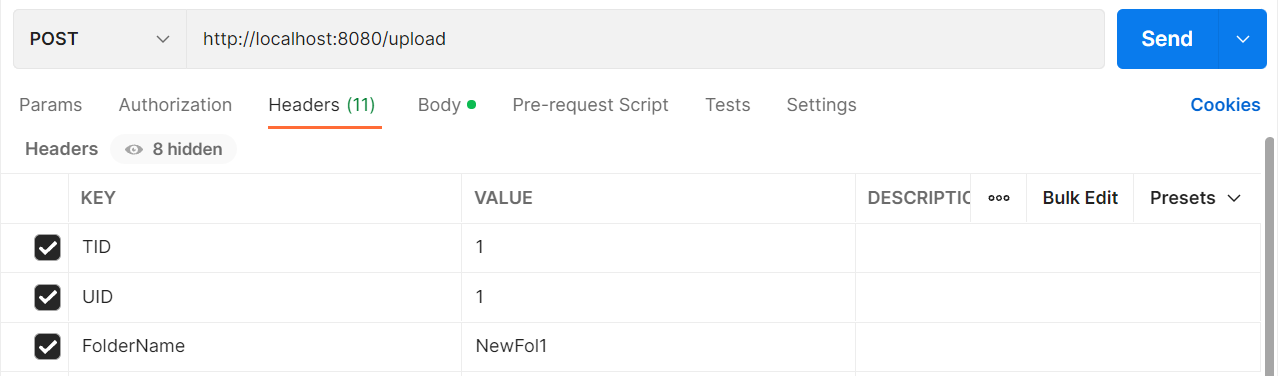
If the folder already exist with same name we will through an error.

**Method: POST**

Endpoint: [**http://localhost:8080/upload**](http://localhost:8080/upload)

**Req.body:**



**Req.headers:**

**Response:**

{

    "Folders": [

        "NewFol1"

    ],

    "Files": [

        "Hello.txt"

    ]

}

**When we are uploading Multiple files or single file**, We need to pass files in the req.body and userID, tenantID to be passed in the req.headers, If we are passing FldrID in the req.headers we will upload the files into the FolderID what we are passing.

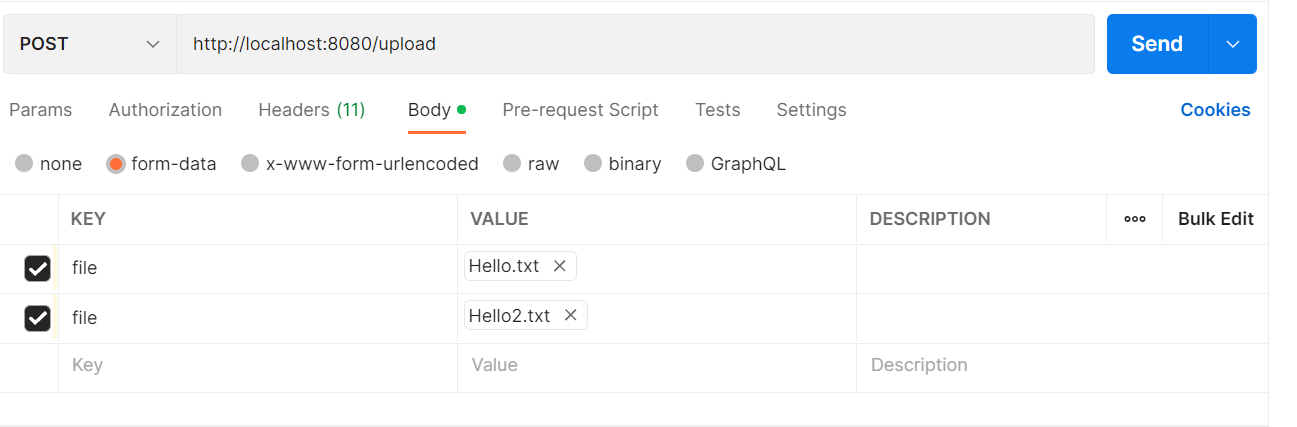
If we are not passing any FolderID in the req.header, file will be uploaded directly (Not into any folders).

If any file already exist with same name we will through an error.

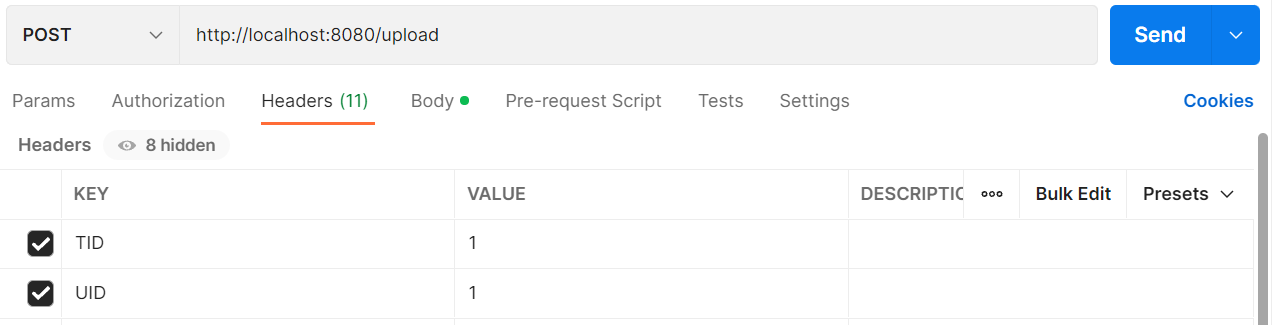
**Method: POST**

Endpoint: [**http://localhost:8080/upload**](http://localhost:8080/upload)

**Req.body:**



**Req.headers:**

****

**Response:**

{

    "Folders": [],

    "Files": [

        "Hello.txt",

        "Hello2.txt"

    ]

}

**API-4- for userdata:**

**Method: GET**

**Endpoint:** <http://localhost:8080/userdata>

**Postman Curl:**

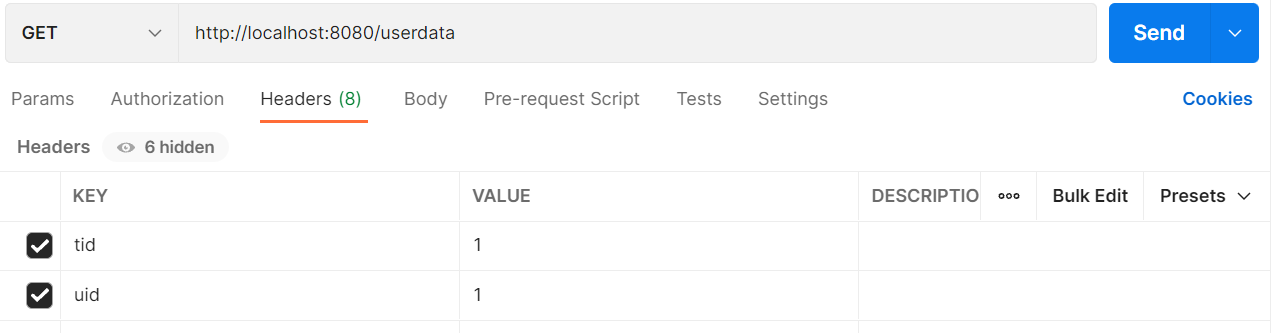
curl --location --request GET 'http://localhost:8080/userdata' \

--header 'tid: 1' \

--header 'uid: 1'

This endpoint is for fetching the user owned folders and files.

**Req.headers:**

****

**Response:**

{

    "Files": [

        {

            "Owner": {

                "UID": 1,

                "FName": "Rajesh",

                "LName": "One"

            },

            "\_id": 16,

            "TID": 1,

            "FldrID": 5,

            "Name": "Hello.txt",

            "Content": "Hello Guys",

            "Status": "A",

            "CrtdOn": "2022-10-05T13:17:10.165Z",

            "ModOn": "2022-10-05T14:55:35.399Z",

            "\_\_v": 0,

            "FID": 16

        },

        {

            "Owner": {

                "UID": 1,

                "FName": "Rajesh",

                "LName": "One"

            },

            "\_id": 17,

            "TID": 1,

            "FldrID": 5,

            "Name": "Hello2.txt",

            "Content": "Hello Guys",

            "Status": "A",

            "CrtdOn": "2022-10-05T13:17:10.187Z",

            "ModOn": "2022-10-05T14:55:35.415Z",

            "\_\_v": 0,

            "FID": 17

        },

        {

            "Owner": {

                "UID": 1,

                "FName": "Rajesh",

                "LName": "One"

            },

            "\_id": 18,

            "TID": 1,

            "FldrID": 0,

            "Name": "Hello.txt",

            "Content": "Hello Guys",

            "Status": "A",

            "CrtdOn": "2022-10-06T03:09:20.131Z",

            "ModOn": "2022-10-06T03:09:20.131Z",

            "\_\_v": 0,

            "FID": 18

        },

        {

            "Owner": {

                "UID": 1,

                "FName": "Rajesh",

                "LName": "One"

            },

            "\_id": 19,

            "TID": 1,

            "FldrID": 0,

            "Name": "Hello2.txt",

            "Content": "Hello Guys",

            "Status": "A",

            "CrtdOn": "2022-10-06T03:09:20.150Z",

            "ModOn": "2022-10-06T03:09:20.150Z",

            "\_\_v": 0,

            "FID": 19

        },

    ],

    "Folders": [

        {

            "Owner": {

                "UID": 1,

                "FName": "Rajesh",

                "LName": "One"

            },

            "\_id": 5,

            "TID": 1,

            "Name": "NewFol1",

            "Status": "A",

            "CrtdOn": "2022-10-05T13:17:10.120Z",

            "ModOn": "2022-10-05T13:17:10.120Z",

            "\_\_v": 0,

            "FldrID": 5

        }

    ]

}

**API-5 for folderview**

This endpoint is for folder data viewing, will fetch all the files inside the folder

**Method: GET**

**Endpoint:** <http://localhost:8080/folderview>

**Postman Curl:**

curl --location --request GET 'http://localhost:8080/folderview' \

--header 'tid: 1' \

--header 'uid: 1' \

--header 'Content-Type: application/json' \

--data-raw '{

    "fldrID": 5

}'

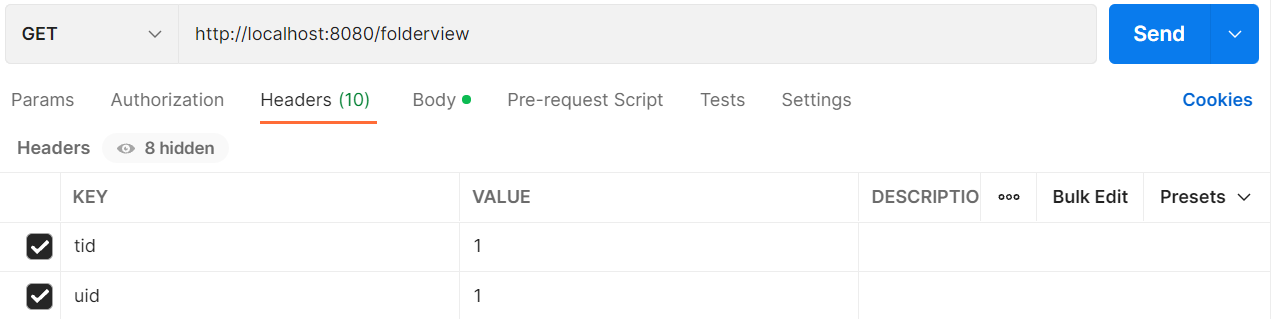
**Req.headers:**

{

    "fldrID": 5

}

**Req.headers;**

****

**Response:**

{

    "Files": [

        {

            "Owner": {

                "UID": 1,

                "FName": "Rajesh",

                "LName": "One"

            },

            "\_id": 16,

            "TID": 1,

            "FldrID": 5,

            "Name": "Hello.txt",

            "Content": "Hello Guys",

            "Status": "A",

            "CrtdOn": "2022-10-05T13:17:10.165Z",

            "ModOn": "2022-10-05T14:55:35.399Z",

            "\_\_v": 0,

            "FID": 16

        }

    ]

}

**API-6 for moving the files from One folder to another folder;**

**Method: POST**

**Endpoint:** [**http://localhost:8080/movefiles**](http://localhost:8080/movefiles)

**Postman Curl:**

curl --location --request POST 'http://localhost:8080/movefiles' \

--header 'tid: 1' \

--header 'uid: 1' \

--header 'Content-Type: application/json' \

--data-raw '{

    "fileIDs": [ 16, 17 ],

    "destinationFolderID": 7

}'

**Req.body:**

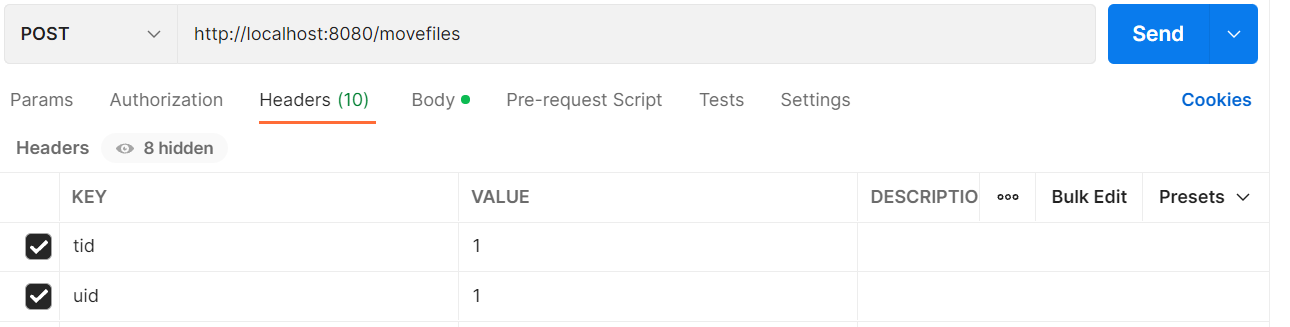
{

    "fileIDs": [ 16 ],

    "destinationFolderID": 5

}

**Req.headers:**

****

**Response:**

[

    "Hello.txt"

]