

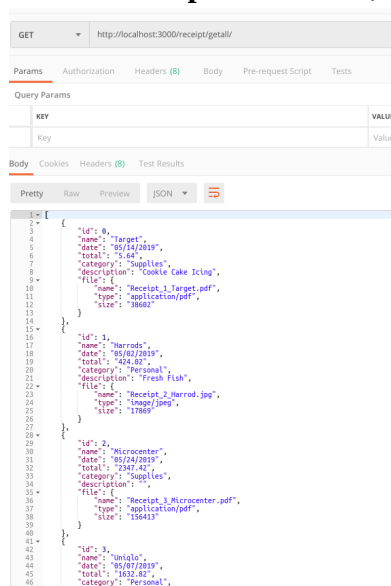
How to Run the Application:

1. Install node
2. Install npm
3. Go to the respective folder path of the repository
4. npm update
5. node app.js

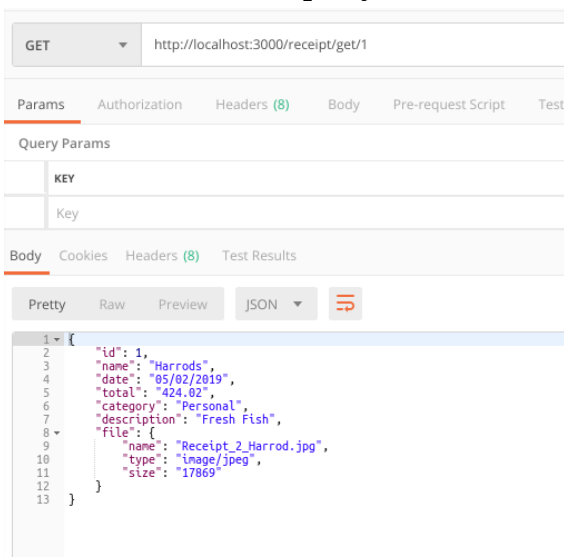
REST API TEST through POSTMAN:

I have used classes to model Receipt and File Entity. Currently the all API actions are being handled through the instance of the class. There is no database being involved. For further extension the instance of the object could be pushed to database.

a. Get All Receipts: API : <http://localhost:3000/receipt/getall/>



b. Get Particular Receipt By ID : API : <http://localhost:3000/receipt/get/1>



c> Get Pdf Reports Only : API : <http://localhost:3000/receipt/getpdf/>

http://localhost:3000/receipt/getpdf/

GET http://localhost:3000/receipt/getpdf/

Params Authorization Headers (8) Body Pre-request Script

Query Params

KEY

Key

Body Cookies Headers (8) Test Results

Pretty Raw Preview JSON

```
1 [
2   {
3     "id": 0,
4     "name": "Target",
5     "date": "05/14/2019",
6     "total": "5.64",
7     "category": "Supplies",
8     "description": "Cookie Cake Icing",
9     "file": {
10      "name": "Receipt_1.Target.pdf",
11      "type": "application/pdf",
12      "size": "38602"
13    }
14  },
15  {
16    "id": 2,
17    "name": "Microcenter",
18    "date": "05/24/2019",
19    "total": "2347.42",
20    "category": "Supplies",
21    "description": "",
22    "file": {
23      "name": "Receipt_3.Microcenter.pdf",
24      "type": "application/pdf",
25      "size": "156413"
26    }
27  }
28 ]
```

d> Get Image Reports Only : API : <http://localhost:3000/receipt/getimage/>

http://localhost:3000/receipt/getimage/

GET http://localhost:3000/receipt/getimage/

Params Authorization Headers (8) Body Pre-request Sc

Query Params

KEY

Key

Body Cookies Headers (8) Test Results

Pretty Raw Preview JSON

```
1 [
2   {
3     "id": 1,
4     "name": "Harrods",
5     "date": "05/02/2019",
6     "total": "429.02",
7     "category": "Personal",
8     "description": "Fresh Fish",
9     "file": {
10      "name": "Receipt_2.Harrods.jpg",
11      "type": "image/jpeg",
12      "size": "17869"
13    }
14  },
15  {
16    "id": 3,
17    "name": "Uniqlo",
18    "date": "05/07/2019",
19    "total": "1632.82",
20    "category": "Personal",
21    "description": "Shirt",
22    "file": {
23      "name": "Receipt_4.Uniqlo.png",
24      "type": "image/png",
25      "size": "903282"
26    }
27  }
28 ]
```

e> Get Report based on category: API: <http://localhost:3000/receipt/getcategory/supplies>

POST http://localhost:3000/receipt/ 401 http://localhost:3000/receipt/get

http://localhost:3000/receipt/getcategory/supplies

GET http://localhost:3000/receipt/getcategory/supplies

Params Authorization Headers (9) Body Pre-request Script Tests

Query Params

KEY VALUE

Key Value

Body Cookies Headers (8) Test Results

Pretty Raw Preview JSON

```
1 [
2   {
3     "id": 0,
4     "name": "Target",
5     "date": "05/14/2019",
6     "total": "5.64",
7     "category": "Supplies",
8     "description": "Cookie Cake Icing",
9     "file": {
10      "name": "Receipt_1.Target.pdf",
11      "type": "application/pdf",
12      "size": "38602"
13    }
14  },
15  {
16    "id": 2,
17    "name": "Microcenter",
18    "date": "05/24/2019",
19    "total": "2347.42",
20    "category": "Supplies",
21    "description": "",
22    "file": {
23      "name": "Receipt_3.Microcenter.pdf",
24      "type": "application/pdf",
25      "size": "156413"
26    }
27  }
28 ]
```

e> **Remove Last added Receipt: API:** <http://localhost:3000/receipt/removelast/>

http://localhost:3000/receipt/removelast

POST http://localhost:3000/receipt/removelast

Params Authorization Headers (9) Body Pre-request Script Tests

Query Params

KEY
Key

Body Cookies Headers (8) Test Results

Pretty Raw Preview HTML

```
{ 1 Last receipt remove. Total count: 3}
```

f> **Remove Receipt based on the ID: API :** <http://localhost:3000/receipt/remove/>

POST http://localhost:3000/receipt/remove

POST http://localhost:3000/receipt/remove

http://localhost:3000/receipt/remove

POST http://localhost:3000/receipt/remove

Params Authorization Headers (9) Body Pre-request Script Tests

none form-data x-www-form-urlencoded raw binary JSON

```
1 {
2   "id": 1
3 }
```

Body Cookies Headers (8) Test Results

Pretty Raw Preview HTML

```
{ 1 Removed receipt ID:1 Total count: 3}
```

g> **Add New Receipt: API:** <http://localhost:3000/receipt/save>

http://localhost:3000/receipt/save

POST http://localhost:3000/receipt/save

Params Authorization Headers (9) Body Pre-request Script Tests

none form-data x-www-form-urlencoded raw binary JSON (applied)

```
1 {
2   "id": 6,
3   "name": "Hyvee",
4   "date": "05/14/2019",
5   "total": 87.25,
6   "category": "Supplies",
7   "description": "Cookie Cakes",
8   "file": {
9     "name": "Receipt_7_Hyvee.jpg",
10    "type": "image/jpeg",
11    "size": 78285
12  }
13 }
```

Body Cookies Headers (8) Test Results

Pretty Raw Preview HTML

```
{ 1 Added Receipt with id=6}
```

h>Update Receipt Information: API : http://localhost:3000/receipt/update

http://localhost:3000/receipt/update

POST

http://localhost:3000/receipt/update

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

none

form-data

x-www-form-urlencoded

raw

binary

JSON (application)

1

2

3

4

5

6

7

8

9

10

11

12

13

{

"id": 6,

"name": "Hyvee1",

"date": "05/14/2020",

"total": 87.25,

"category": "Supplies",

"description": "Cookie Cakes",

"file": {

"name": "Receipt_7_Hyvee.jpg",

"type": "image/jpeg",

"size": "78205"

}

}

Body

Cookies

Headers (8)

Test Results

Pretty

Raw

Preview

HTML

1

Updated Person with id=6