



# QUALITY ASSURANCE

**SOFTWARE TESTING ASSIGNMENT**

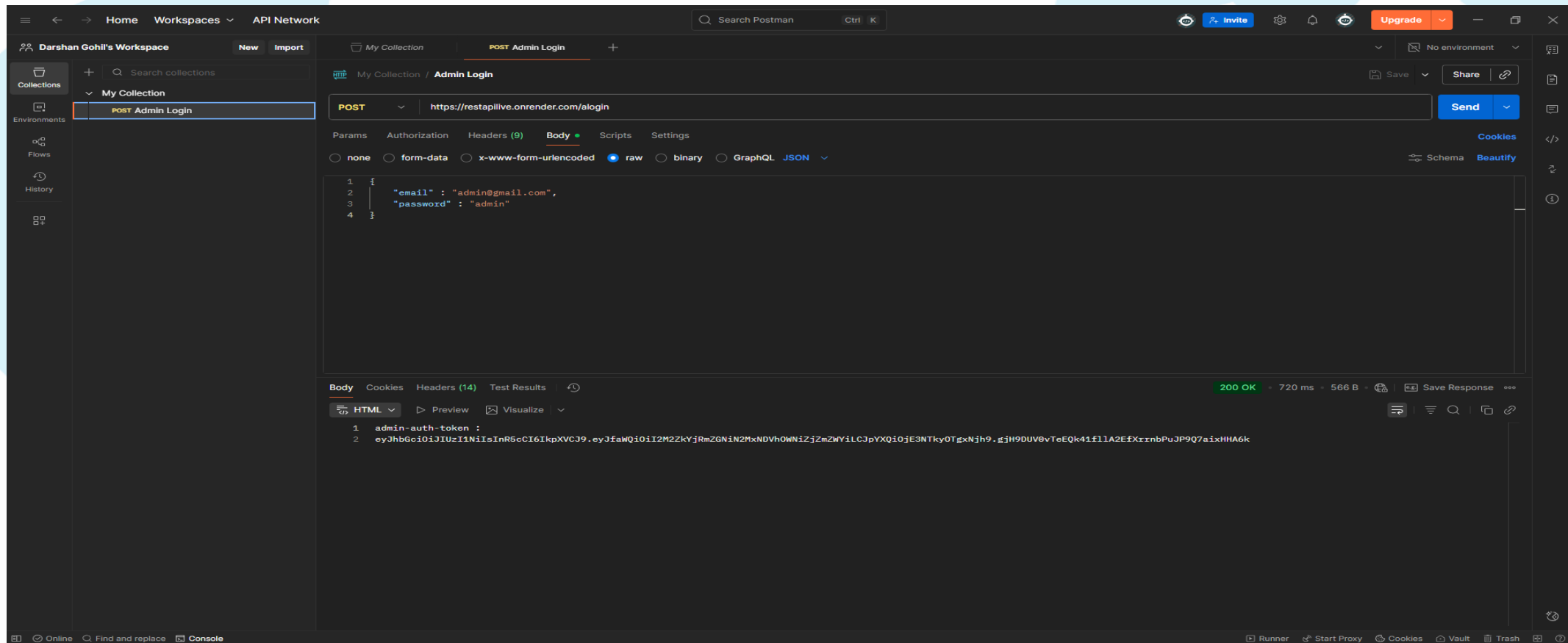
**MODULE – 10 – API TESTING**

**DARSHAN GONIL**

# E-COMMERCE APPLICATION REST API ADMIN MODULE

## ► ADMIN LOGIN:

- POST API: Admin login with given link in postman with the given parameters by using JSON method, also get success message with generated token.

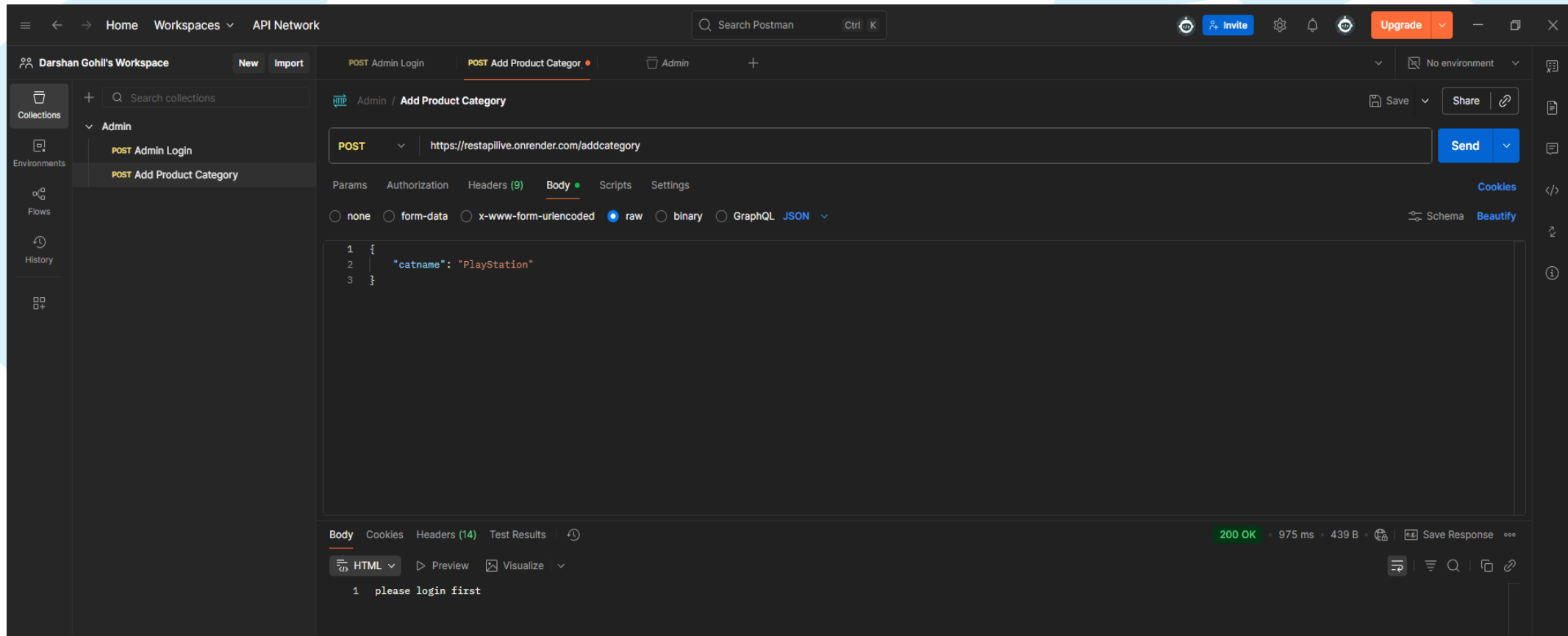




# E-COMMERCE APPLICATION REST API ADMIN MODULE – PRODUCT CATEGORY

## ► ADD PRODUCT CATEGORY:

- POST API: Adding product category without entering authentication code which was generated while testing admin login API.



# E-COMMERCE APPLICATION REST API ADMIN MODULE – PRODUCT CATEGORY

## ► ADD PRODUCT CATEGORY:

- POST API: Adding product category after entering authentication code which was generated while testing admin login API in header section.

The screenshot displays the Postman interface for a REST API client. The workspace is named "Darshan Gohil's Workspace". The active collection is "Admin", and the selected request is "POST Add Product Category". The request URL is "https://restapilive.onrender.com/addcategory". The request method is "POST". The "Headers" tab is selected, showing a single header: "admin-auth-token" with a value "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2M2ZkYjRmZGNIIN2MxND..." and a description "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2M2ZkYjRmZGNIIN2MxND...". The "Body" tab is also visible, showing a JSON response: {"catname": "PlayStation", "\_id": "68dcc7460945cfe2411832d6", "\_v": 0}. The status bar at the bottom indicates a "200 OK" response with a response time of 1.02 s and a size of 487 B.

Home Workspaces API Network

Search Postman Ctrl K

Invite Upgrade

Darshan Gohil's Workspace New Import

POST Admin Login POST Add Product Categor

Admin

Admin / Add Product Category

POST https://restapilive.onrender.com/addcategory Send

Params Authorization Headers (10) Body Scripts Settings Cookies

Headers 9 hidden

Key	Value	Description
<input checked="" type="checkbox"/> admin-auth-token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2M2ZkYjRmZGNIIN2MxND...	
Key	Value	Description

Body Cookies Headers (14) Test Results

200 OK 1.02 s 487 B Save Response

```
{
  "catname": "PlayStation",
  "_id": "68dcc7460945cfe2411832d6",
  "_v": 0
}
```

# E-COMMERCE APPLICATION REST API ADMIN MODULE – PRODUCT CATEGORY

## ► VIEW PRODUCT CATEGORY:

- GET API: After adding category in product category module then check that product is added or not by using GET API, also enter authentication code.

The screenshot displays the Postman interface for a REST API client. The workspace is named "Darshan Gohil's Workspace". The selected collection is "Admin", and the specific endpoint is "GET View Product Category" with the URL "https://restapilive.onrender.com/category". The "Headers" tab is active, showing a single header: "admin-auth-token" with a long alphanumeric value. The "Body" tab is also visible, showing a JSON response with a status of "200 OK".

**Headers (8)**

Key	Value	Description
admin-auth-token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2M2ZkYjRmZGNIN2MxND...	

**Body**

```
{
  "status": 200,
  "message": "Product categories retrieved successfully",
  "data": [
    {
      "_id": "68cab557287de1bffa38009cc",
      "catname": "abcd",
      "__v": 0
    },
    {
      "_id": "68cab5c3287de1bffa38009cf",
      "catname": "abcd",
      "__v": 0
    },
    {
      "_id": "68dec7460945cfe2411832d6",
      "catname": "PlayStation",
      "__v": 0
    }
  ]
}
```

# E-COMMERCE APPLICATION REST API ADMIN MODULE – PRODUCT CATEGORY

## ► DELETE PRODUCT CATEGORY:

- GET API: After adding category in product category module then delete that product by using GET API, also enter authentication code & Params id & value.

The screenshot displays the Postman interface for a REST API client. The workspace is named "Darshan Gohil's Workspace". The left sidebar shows a collection of API requests under the "Admin" folder, including "Admin Login", "Add Product Category", "View Product Category", and "Delete Product Category". The "Delete Product Category" request is selected and expanded.

The request details are as follows:

- Method:** GET
- URL:** `https://restapilive.onrender.com/deletecat?did=68cab5c3287de1bff38009cf`
- Params:** Query Params

Key	Value	Description
<input checked="" type="checkbox"/> did	68cab5c3287de1bff38009cf	
<input type="checkbox"/> Key	Value	Description

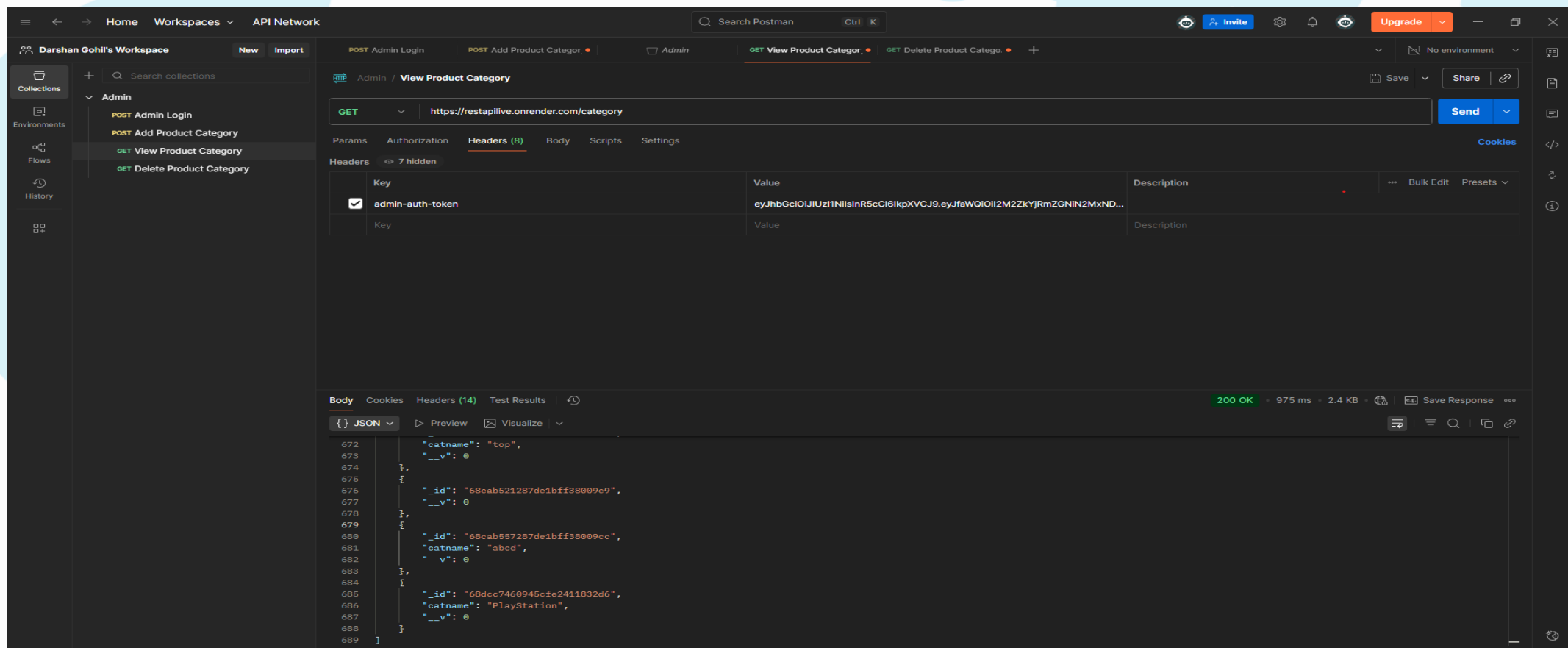
The response is shown in the "Body" tab, indicating a successful 200 OK status. The response body is a JSON object:

```
{  "_id": "68cab5c3287de1bff38009cf",  "catname": "abcd",  "__v": 0}
```

# E-COMMERCE APPLICATION REST API ADMIN MODULE – PRODUCT CATEGORY

➡ CHECK DELETED IN PRODUCT CATEGORY:

- GET API: After delete that category, check the product is actually deleted or not by using view product category API link.





# E-COMMERCE APPLICATION REST API USER MODULE

## ► USER REGISTRATION:

- POST API: After entering link click on the send button without entering any kin of data that mentioned in document, still get wrong msg. This is an error.

The screenshot displays the Postman interface for a REST API client. The workspace is named "Darshan Gohil's Workspace". The left sidebar shows a collection of API endpoints under the "User" module, including "POST User Registration". The main panel shows the details of the "POST User Registration" endpoint, with the URL "https://restapilive.onrender.com/userreg". The "Body" tab is selected, showing an empty JSON object. The "Send" button is visible. The bottom panel shows the response, which is a "200 OK" status with a response time of 1.22 s and a size of 455 B. The response body is "1 Registration successfully done !!!!".

Postman Interface Details:

- Workspace: Darshan Gohil's Workspace
- Collection: User
- Endpoint: POST User Registration
- URL: https://restapilive.onrender.com/userreg
- Method: POST
- Body: {} (raw)
- Status: 200 OK
- Response Time: 1.22 s
- Response Size: 455 B
- Response Body: 1 Registration successfully done !!!!



# E-COMMERCE APPLICATION REST API USER MODULE

## ► USER REGISTRATION:

- POST API: After entering all necessary data in JASON format.

The screenshot displays the Postman interface for a REST API client. The workspace is titled "Darshan Gohil's Workspace". The left sidebar shows a collection of API endpoints under the "User" module, with "POST User Registration" selected. The main panel shows the details of the selected endpoint, including the method "POST", the URL "https://restapilive.onrender.com/userreg", and the request body in raw JSON format. The response status is "200 OK" with a response time of 1.92 s and a response size of 455 B. The response body is displayed in HTML format, showing the message "Registration successfully done !!!!".

Search Postman Ctrl K

Invite Upgrade

Darshan Gohil's Workspace New Import

Search collections

Collections

Admin

- POST Admin Login
- POST Add Product Category
- GET View Product Category
- GET Delete Product Category

User

- POST User Registration

User / User Registration

POST https://restapilive.onrender.com/userreg

Send

Params Authorization Headers (9) Body Scripts Settings

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

```
1 {
2   "fname" : "Darshan",
3   "lname" : "Gohil",
4   "email" : "darshangohil@gmail.com",
5   "phno" : "0123456789",
6   "pass" : "12345",
7   "gender" : "Male"
8 }
```

Schema Beautify

Body Cookies Headers (14) Test Results

200 OK 1.92 s 455 B Save Response

HTML Preview Visualize

1 Registration successfully done !!!!

# E-COMMERCE APPLICATION REST API USER MODULE

## ► USER LOGIN:

- POST API: After entering all necessary data in JASON format it take too much time but not responding.

