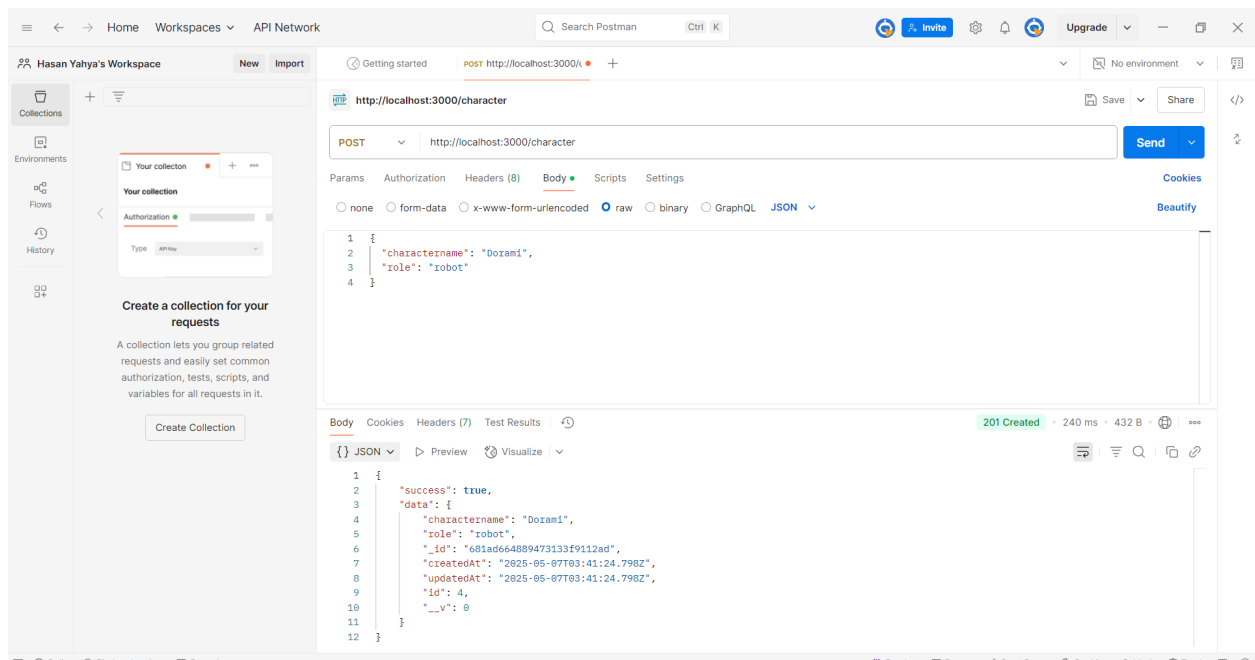
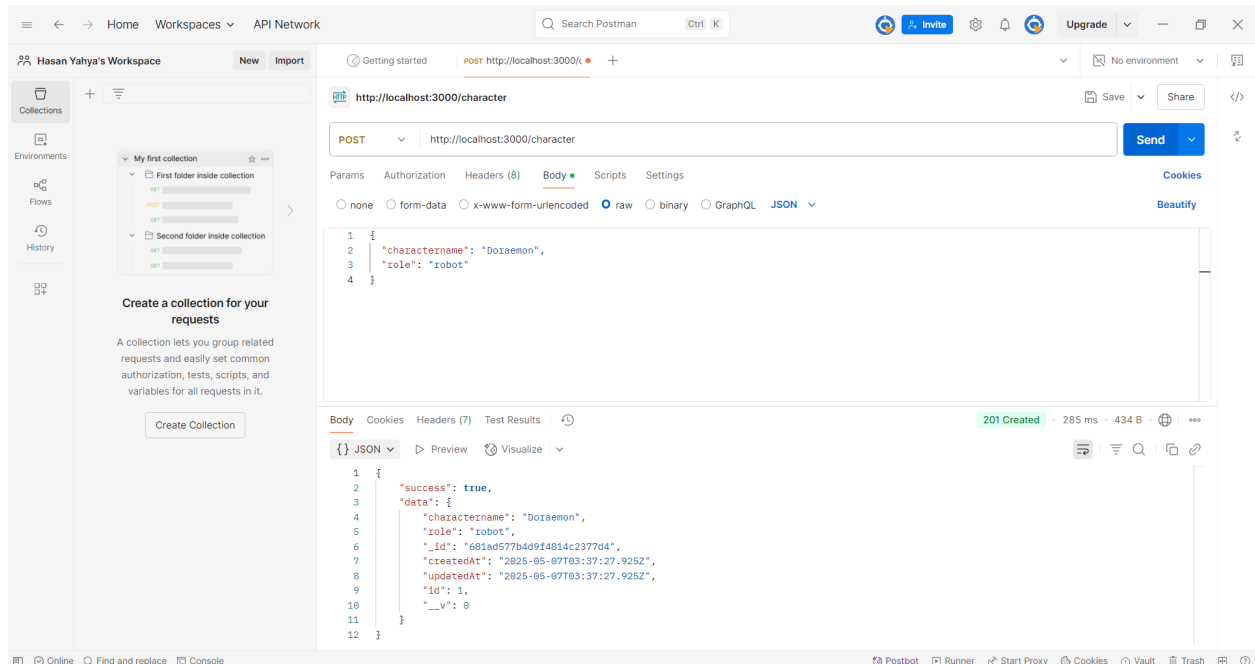


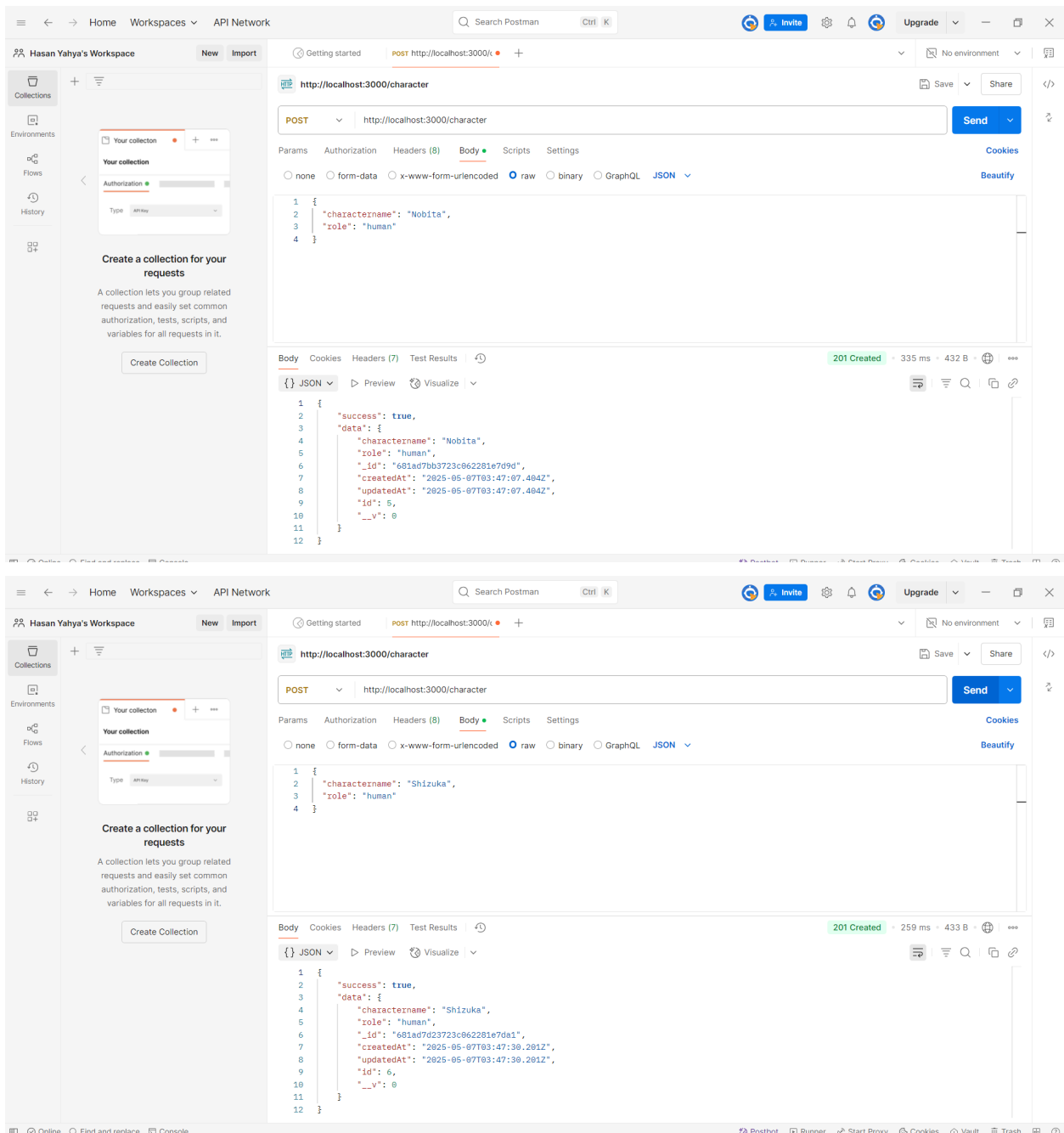
# [Hasan Yahya - (22L-7971) - BSE-6C]

Submitted the Code in a zip file to GCR. This PDF is only for screenshots along with explanation.

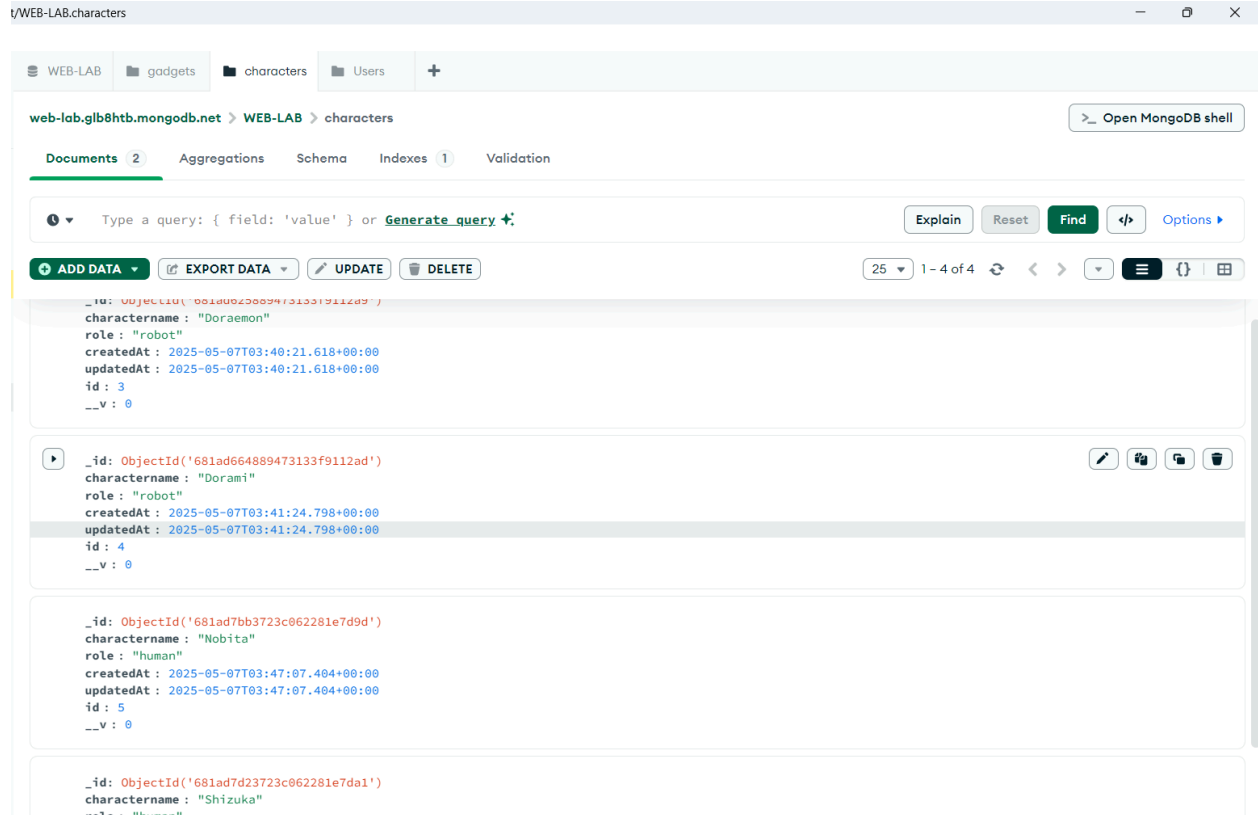
- **Adding Doraemon and Dorami:**



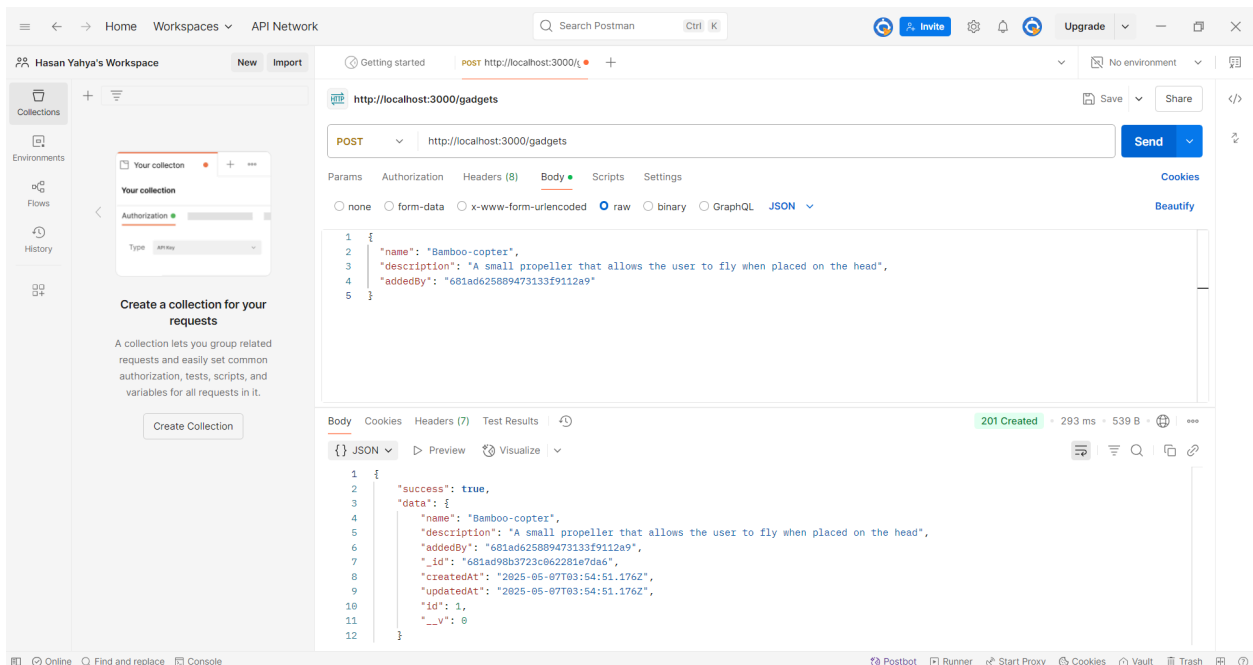
- **Adding Humans (Nobita etc)**

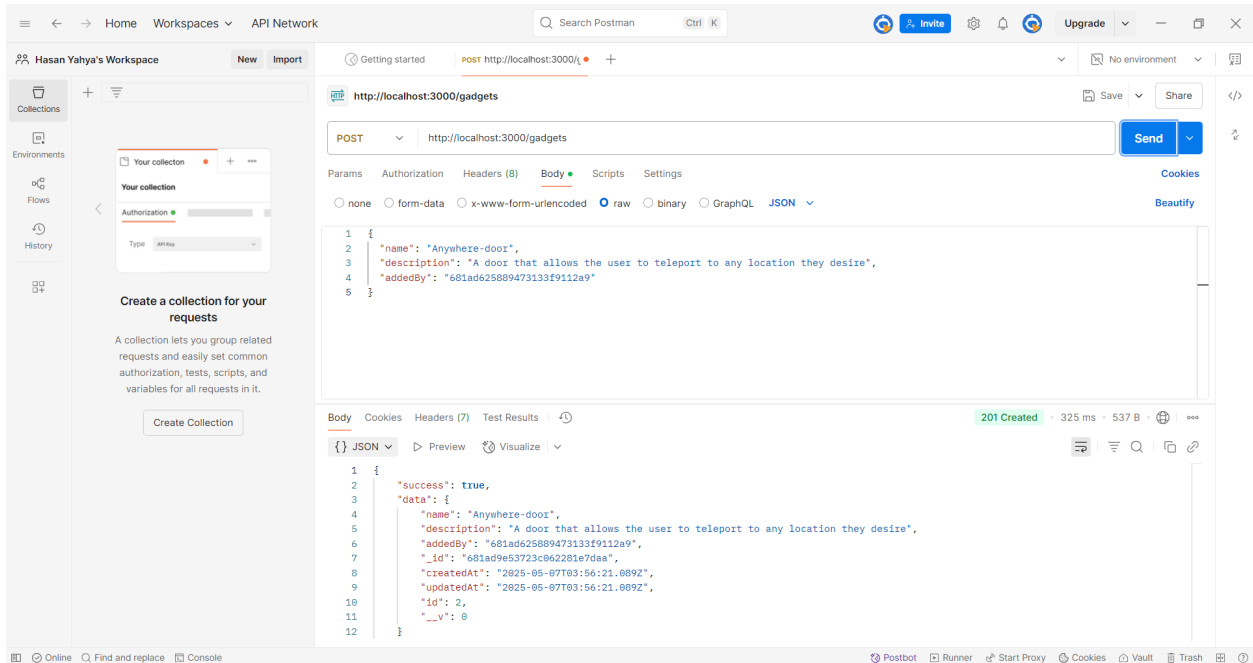


- **Verify if they are added from MongoDB Desktop App**

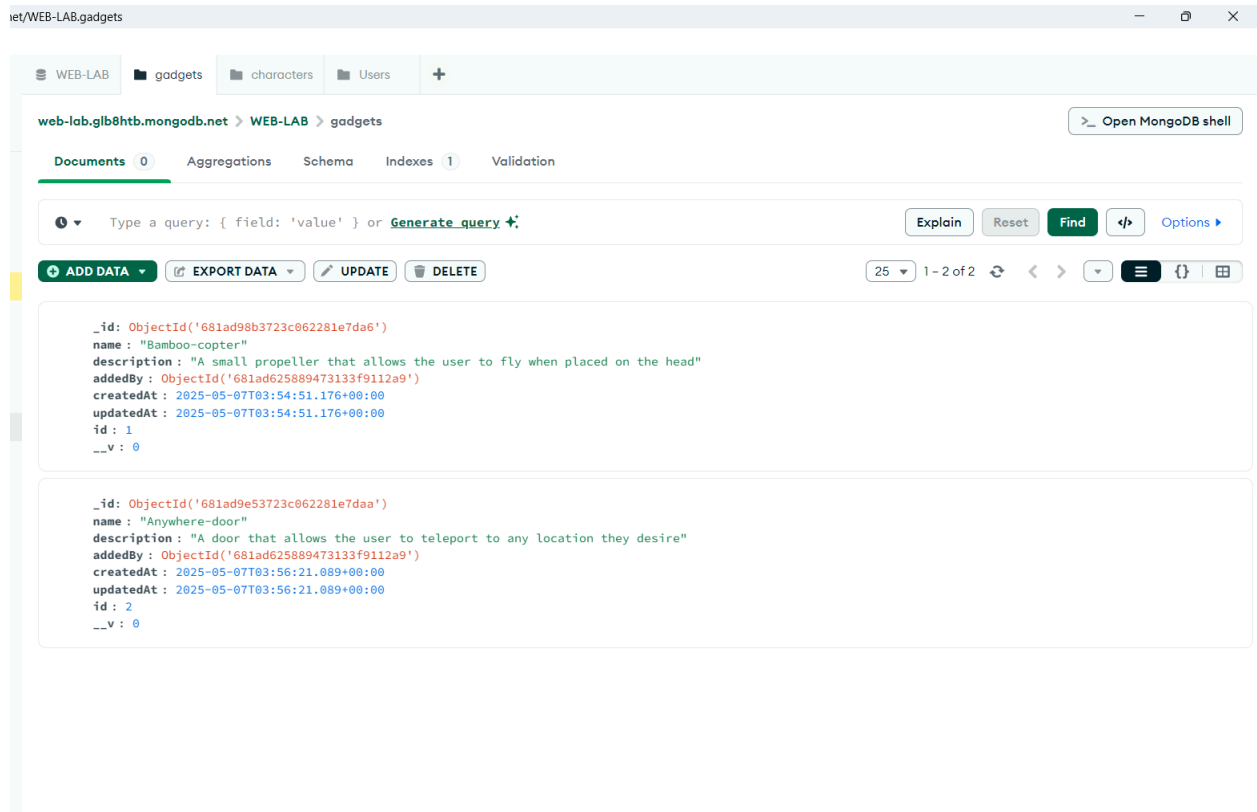


## ● Creating/Adding gadgets

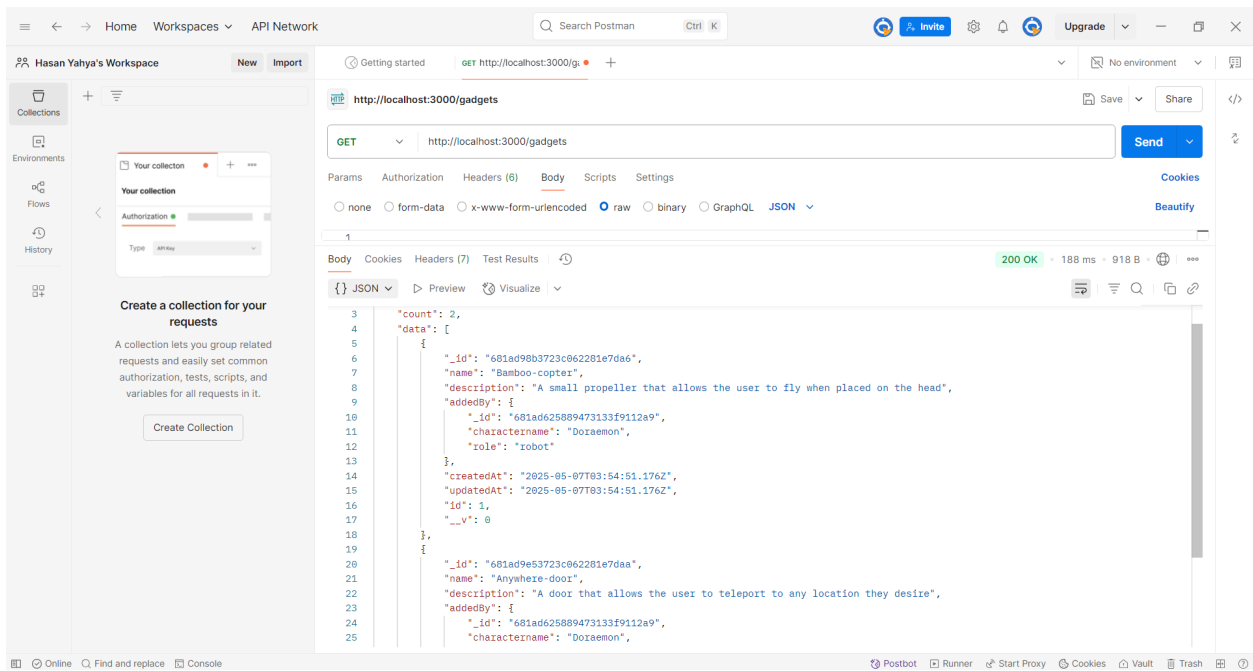




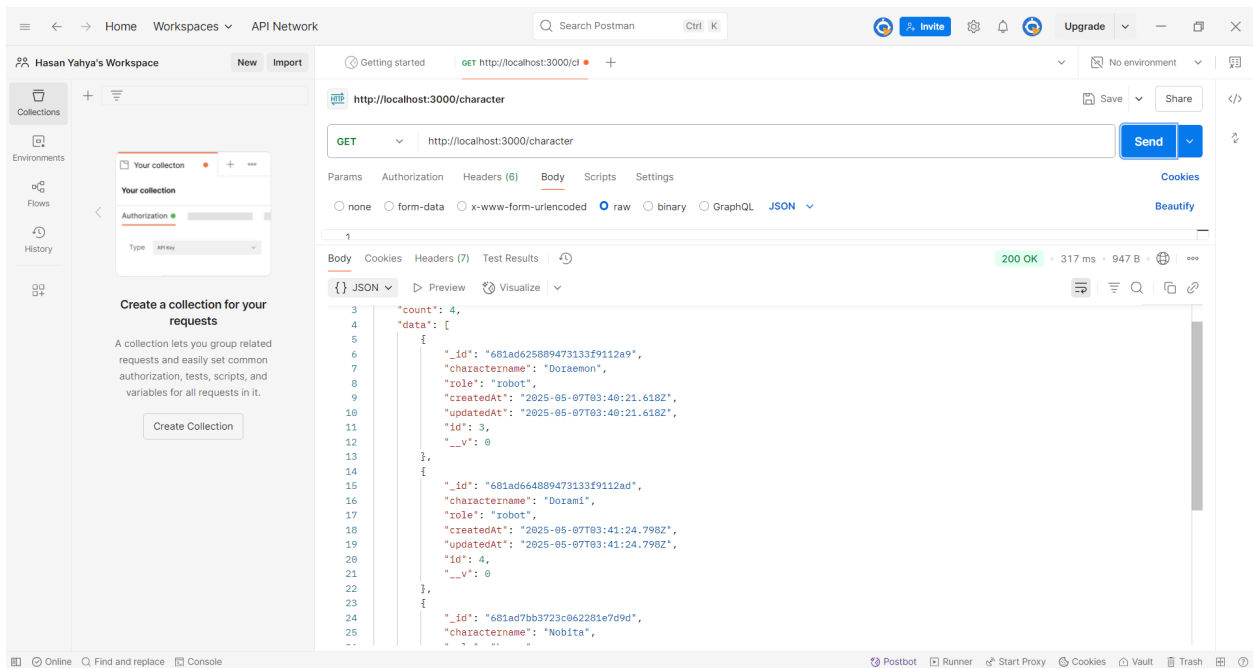
- **Verify if they are added**



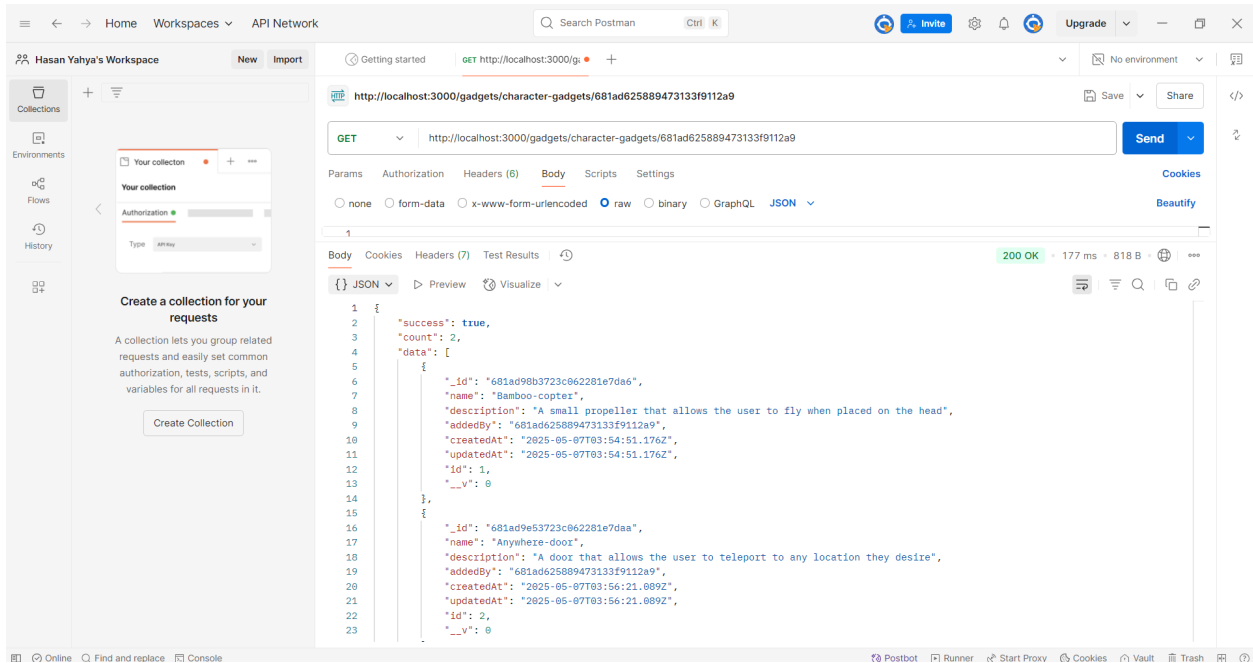
- **GET for all Gadgets**



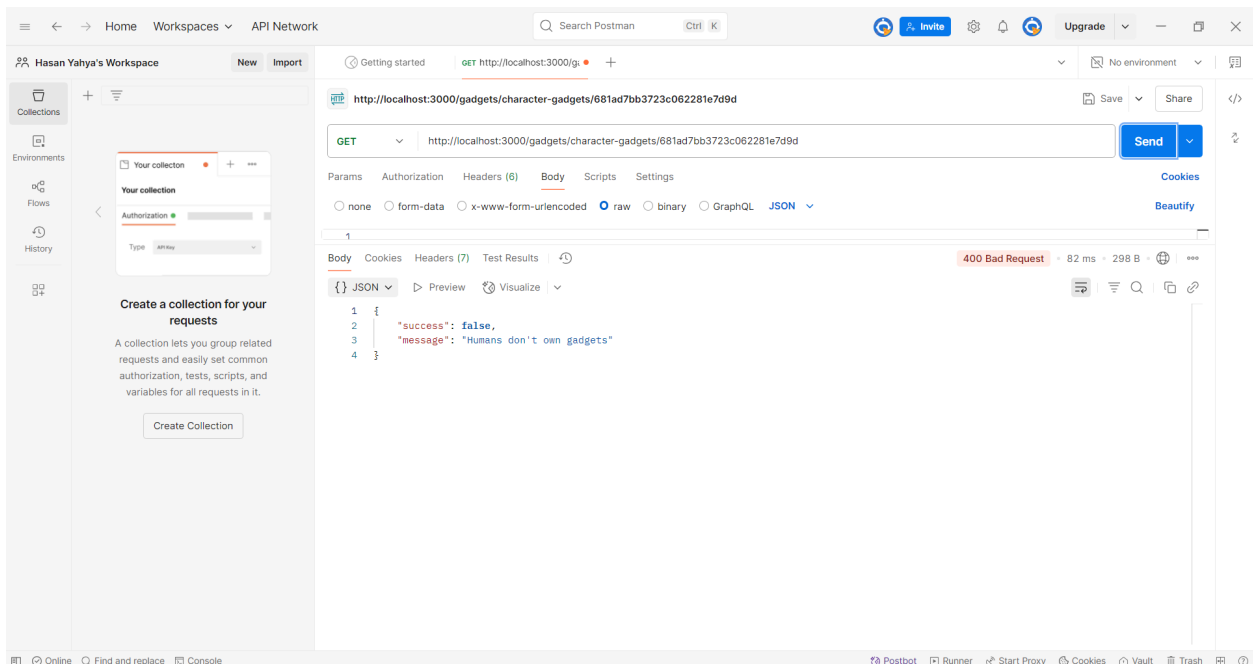
- GET for all Characters







- **Handle case of Human Character (Error)**



- **PATCH /gadgets/:id to update a gadget**

The image shows a workflow for updating a document in a MongoDB database using Postman. The top section is a Postman interface where a PATCH request is sent to `http://localhost:3000/gadgets/681ad98b3723c062281e7da6` with a JSON body: `{ "description": "Updated description: A helicopter-like gadget that attaches to the head" }`. The response is a 200 OK status with a JSON body containing the updated document details, including a new description and timestamps. The bottom section is a MongoDB Compass interface showing the 'gadgets' collection. It displays two documents: one with the updated description for the 'Bamboo-copter' and another for the 'Anywhere-door'.

Postman Interface:

URL: `http://localhost:3000/gadgets/681ad98b3723c062281e7da6`

Method: PATCH

Body (JSON):

```
{
  "description": "Updated description: A helicopter-like gadget that attaches to the head"
}
```

Response (200 OK):

```
{
  "success": true,
  "data": {
    "_id": "681ad98b3723c062281e7da6",
    "name": "Bamboo-copter",
    "description": "Updated description: A helicopter-like gadget that attaches to the head",
    "addedBy": "681ad625889473133f9112a9",
    "createdAt": "2025-05-07T03:54:51.176Z",
    "updatedAt": "2025-05-07T04:07:52.162Z",
    "id": 1,
    "__v": 0
  }
}
```

MongoDB Compass Interface:

Collection: gadgets

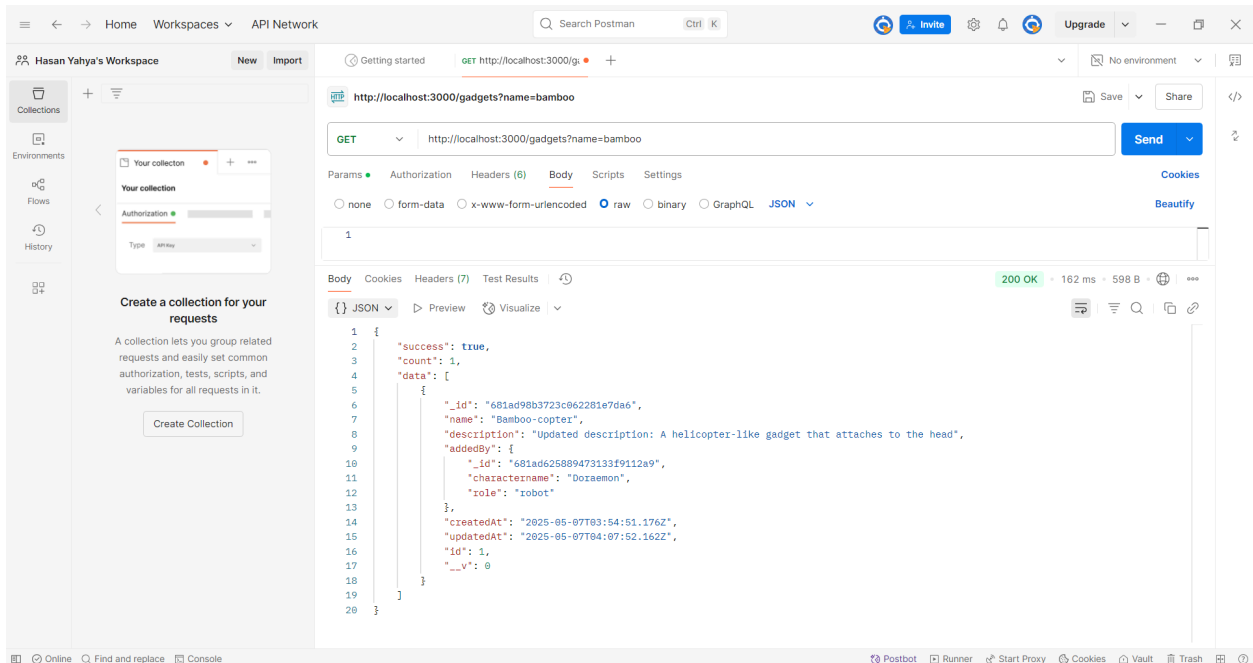
Documents:

```
{
  "_id": "681ad98b3723c062281e7da6",
  "name": "Bamboo-copter",
  "description": "Updated description: A helicopter-like gadget that attaches to the head",
  "addedBy": "681ad625889473133f9112a9",
  "createdAt": "2025-05-07T03:54:51.176+00:00",
  "updatedAt": "2025-05-07T04:07:52.162+00:00",
  "id": 1,
  "__v": 0
}
```

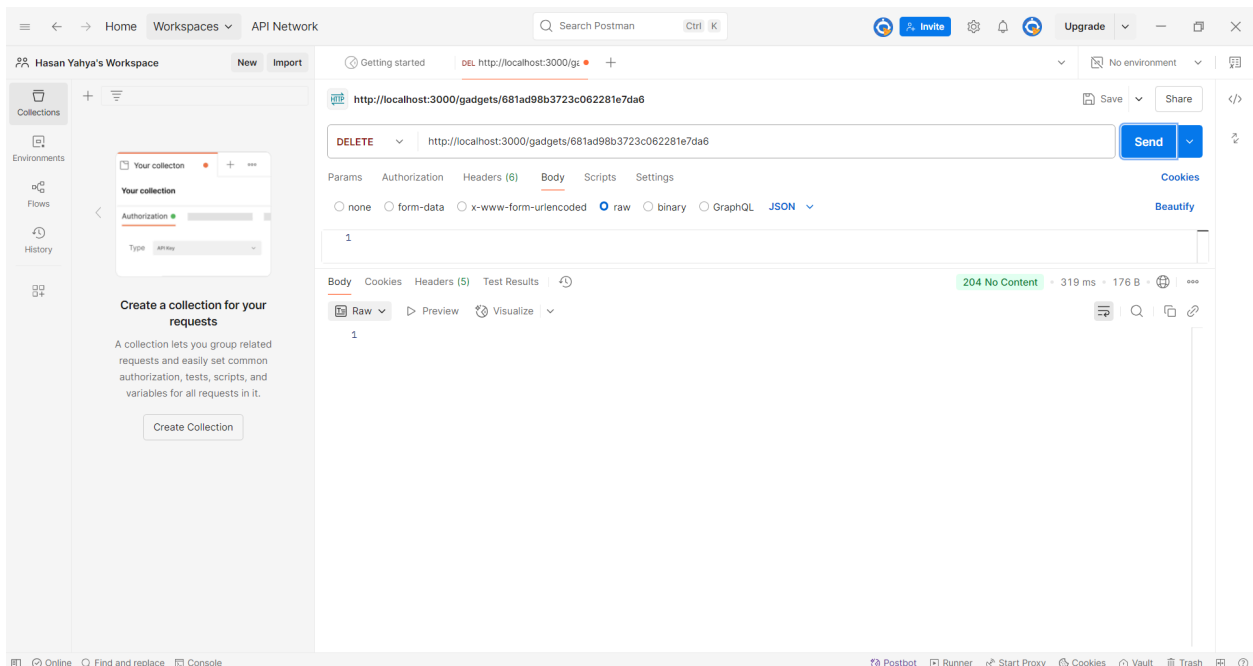
```
{
  "_id": "681ad9e53723c062281e7daa",
  "name": "Anywhere-door",
  "description": "A door that allows the user to teleport to any location they desire",
  "addedBy": "681ad625889473133f9112a9",
  "createdAt": "2025-05-07T03:56:21.089+00:00",
  "updatedAt": "2025-05-07T03:56:21.089+00:00",
  "id": 2,
  "__v": 0
}
```

- GET `/gadgets?name=bamboo` for filtering

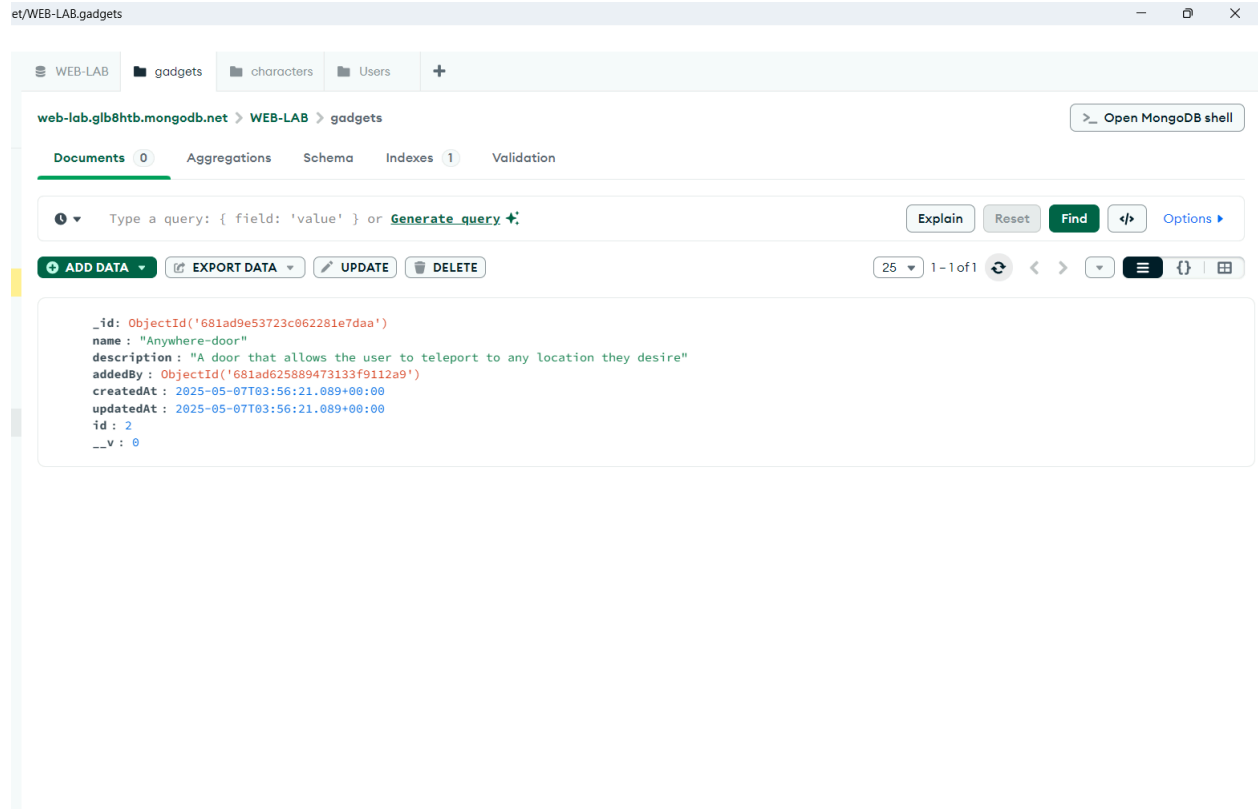




- **DELETE /gadgets/:id to delete it from Database**



- **Checking if it has been deleted from Database**



**Note: All of the responses use appropriate response codes as per the manual. Also, all cases in the manual have been tested and all their screenshots have been pasted here.**