Request/Response Format in FAST API

We are Using 5 Requests in our API.

* GET
* POST
* PUT
* GET/:ID(get by id)
* DELETE

**API of Business\_Category**

In this API we use 5 requests and responses.

**Category GET**

Request URL = **/category/**

1)Get API has default pagination is = 10, i.e it fetches only 10 rows by default from our database.

{

"Items": [

{

"parent\_id": 1,

"logo\_small": "media/Screenshot from 2022-06-06 17-06-36.png",

"id": 5,

"rating": 5.2,

"information": "we care about you ",

}

],

"Page": 1,

"PerPage": 1,

"Totaldata": 12,

"TotalPages": 12.0,

"message": "Successful"

}

If we need to customize the pagination, we must pass **page\_num** and **page\_size** in the URL.

Request URL = **/category/?page\_num = number\_of\_page&page\_size=data\_size.**

**Note**

* The key name should be item/data.
* Before **‘/’** we need to add our localhost/IP.
* There is no space between the URL name (**/category/**)**.**
* Don't use any special characters in the URL name.
* In every response, we need to pass some message.
* We have to use a single word in the URL.
* The URL name should start with a small letter.
* In response, we have to send a Status code of 200 from the back-end.

**Category POST**

Request URL = **/category/**

1)Before **‘/’** we need to add our localhost/IP.

2)We have to pass Json data to the server.

3)If we need to send some file to our server then we pass form\_data to our server.

4)When we receive data from API. first, validate the data and give the same data as a response with a status code and message.

**Json data send**

{

"name": "string"

}

**Json\_data\_receive**

{

"item": [

{

"name": "Phone",

"created\_at": "2022-09-08T17:56:45.754000",

"id": 13,

"updated\_at": "2022-09-08T17:56:45.754000",

"status": true

}

],

"message": "Successful"

}

**Category PUT**

Request URL = **/category/:id/**

1)Before **‘/’** we need to add our localhost/IP.

2) In URL we have to pass the id.

Json data send

{

"name": "string"

}

Json data receive

{

"item": [

{

"name": "Phone",

"created\_at": "2022-09-08T17:56:45.754000",

"id": 13,

"updated\_at": "2022-09-08T17:58:45.754000",

"status": true

}

],

"message": "Successful"

}

**Category GET by id**

Request URL = **/category/:id**

In Get by id we have to pass only the id in URL.

Json\_data receive

{

"item": [

{

"name": "Phone",

"created\_at": "2022-09-08T17:56:45.754000",

"id": 13,

"updated\_at": "2022-09-08T17:58:45.754000",

"status": true

}

],

"message": "Successful"

}

**Category DELETE**

Request URL = **/category/:id**

1. We have to pass only the id

Json data receive

{

"message": "Successful"

}