Name: Utsav R Patel

Email: - utsavpatel1996.up@gmail.com

## Functionality with the screenshots for Web APIs:

Below is Product schema with validations

```
Schemas
   Product • {
      product_Id
                           integer($int64)
      productName*
                          string
                          maxLength: 4000
                          minLength: 3
      description*
                           string
                           minLength: 10
      comapnyName*
                          string
                          minLength: 3
      amount*
                           number($double)
      isActive*
                           boolean
```

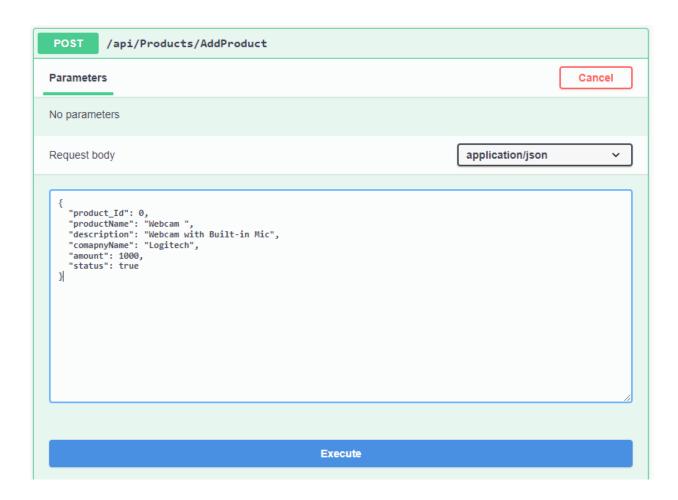
# Below are the web API services for Add/Delete/Update/List Products

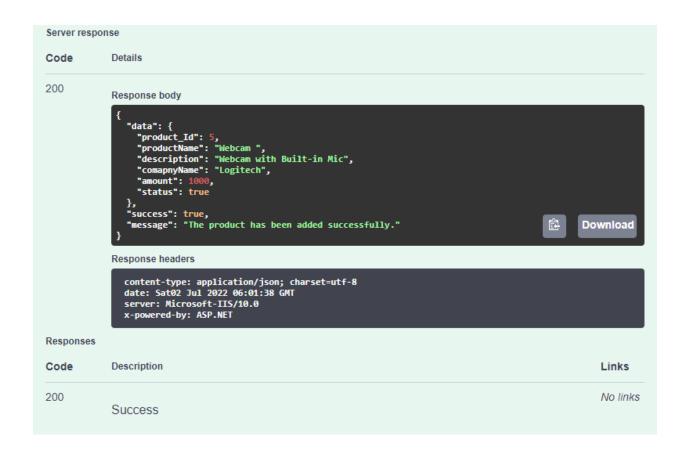


## 1) Add Product:

The AddProduct API is for adding a new product. It will also not allow product name lesser than 3 characters.

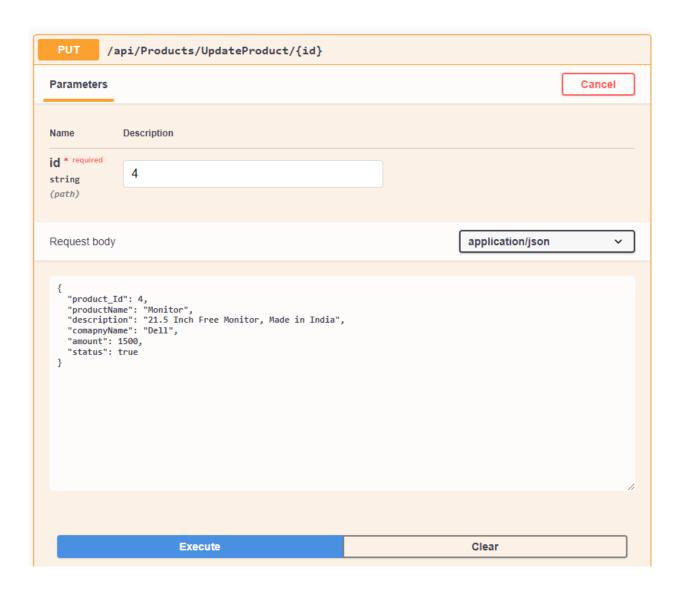
Click on the Add Product API, then click on "Try It Out". The request body will be editable now. Add the product details as per the schema. Then click on execute, now you can see the response came from the server.

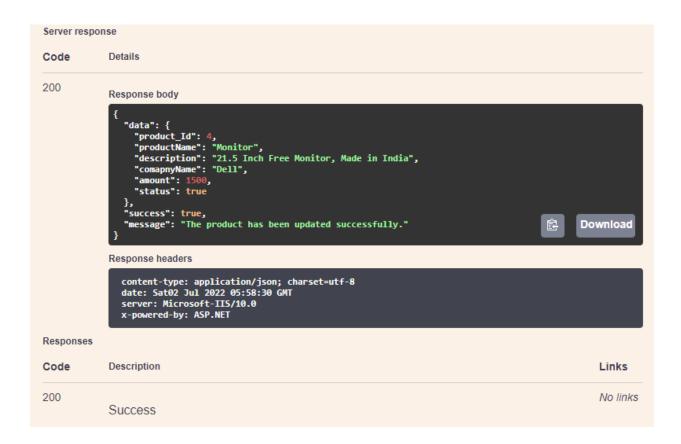




# 2) Update Product

The UpdateProduct API is for updating any product Click on the Update Product API, then click on "Try It Out". In the body section add the product details which you want to modify. Then click on execute button

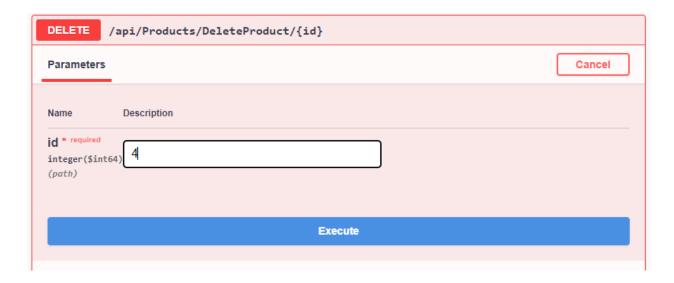




#### 3) Delete Product

The DeleteProduct API is deleting any product.

Click on the Delete Product API, then click on "Try It Out". In the parameter section add product id. Then click on execute button. The product will be deleted.

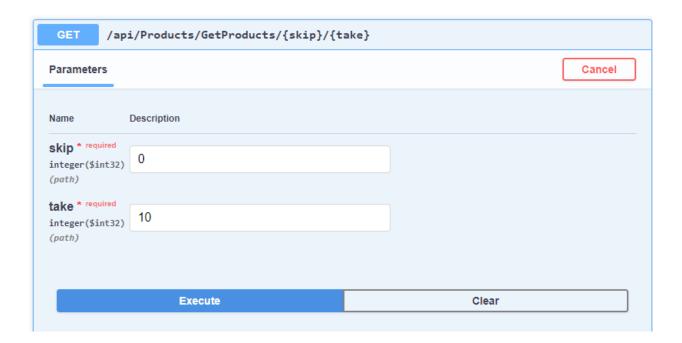




#### 4) Get Products

The GetProducts API is for fetching all the product by.

Click on the Get Product API, then click on "Try It Out". In the parameters, pass value for skip to skip the number of records you want to skip, and in take, add number of records you want to take. Then click on execute button.



```
Server response
Code
                            Details
200
                            Response body
                                  "data": [
                                   data ...
{
    "product_Id": 2,
    "productName": "Mouse",
    "description": "Wired Mouse",
    "comapnyName": "Dell",
    "amount": 300,
    "status": true
}
                                         "product_Id": 3,
"productName": "Keyboard",
"description": "Wired Mouse",
"comapnyName": "Dell",
"amount": 300,
"status": true
                                  "status"
},
{
    "product_Id": 4,
    "productName": "Monitor",
    "description": "21.5 Inch Free Monitor, Made in India",
    "comapnyName": "Dell",
    "amount": 1500,
    "status": true
                                                                                                                                                                                                                                   Download
                            Response headers
                                content-type: application/json; charset=utf-8 date: Sat02 Jul 2022 06:06:07 GMT
                                server: Microsoft-IIS/10.0
x-powered-by: ASP.NET
Responses
Code
                            Description
                                                                                                                                                                                                                                            Links
200
                                                                                                                                                                                                                                           No links
                            Success
```

### > Time tracking:

Phase of Development	Time(Minutes)
Model design for Database	15
API implementation	45
Unit Test	50