

Product Catalog Management API's

SNO	API	Purpose	Details
1	Get List of Products	To get the list of Products	GET : /products
2	Create/Add Product	Add a Product to the existing Catalog	POST : /products Body: with Product to be added
3	Update Product	Update an existing Product	PUT : /products/:id Body: with Product to to be added
4	Delete Product	Delete an existing Product.	DELETE : /products/:id

1)GET products

Resource URL

GET <http://{host:port}/api/products>

Resource Information

Response format	JSON
Requires Authentication	Yes
Authentication Details	OAuth <Refer to details outlined>

Parameters

<u>Name</u>	<u>Required</u>	<u>Description</u>	<u>Default Value</u>	<u>Example</u>
category	Optional	Category of the Product		Kitchen

Response:

<Response format>

Success :200

Code/Description for all the possible API responses.

Eg: 401/403/404

Sample Response:

```
{
  "products": [
    {
      "productName": "WW by Build 30 oz Tumbler ",
      "description": "WW by Build 30 oz Tumbler 5052013P",
      "url": "/ww-by-built-30oz-tumbler",
      "currency": "USD",
      "category": "Kitchen",
      "subCategory": "Drinkware",
      "Medias": [
        {
          "url": "http://domain-name/assetspath/unique-image-name",
          "altText": "WW by Build 30 oz Tumbler"
        }
      ],
      "SKUs": [
        {
          "name": "WW by Build 30 oz Tumbler (RED)",
          "description": "DESCRIPTION",
          "retailPrice": "110",
          "sailPrice": "85",
          "inventoryType": "SKU",
          "quantityAvailable": "Y"
        },
        {
          "name": "WW by Build 30 oz Tumbler (GREY)",
          "description": "DESCRIPTION",
          "retailPrice": "100",
          "sailPrice": "80",
          "inventoryType": "SKU",

```

```
        "quantityAvailable": "Y"
    }
]
},
{
    "productName": "Dash 2 Qt Compact Air Fryer",
    "description": "Dash 2 Qt Compact Air Fryer 85490000P",
    "url": "/ww-by-built-2qt-airfryer",
    "currency": "USD",
    "category": "Kitchen",
    "subCategory": "Small Appliances",
    "Medias": [
        {
            "url": "http://domain-name/assetspath/unique-image-name",
            "altText": "Dash 2 Qt Compact Air Fryer"
        }
    ],
    "SKUs": [
        {
            "name": "Dash 2 Qt Compact Air Fryer(RED)",
            "description": "DESCRIPTION",
            "retailPrice": "170",
            "sailPrice": "150",
            "inventoryType": "SKU",
            "quantityAvailable": "Y"
        },
        {
            "name": "Dash 2 Qt Compact Air Fryer (GREY)",
            "description": "DESCRIPTION",
            "retailPrice": "160",
            "sailPrice": "140",
            "inventoryType": "SKU",
```

```
        "quantityAvailable": "Y"
      }
    ]
  },
  "productsCnt": 2
}
```

2) POST Products

POST <http://localhost:8080/api/products>

Resource Information

Response format	JSON
Requires Authentication	Yes
Authentication Details	OAuth <Refer to details outlined>

Request Format ;
<Product Json structure >

Response Format:

HTTP Response Success Code : 201.
Description :

3)Update Products

PUT <http://localhost:8080/api/products/:productId>

Resource Information

Response format	JSON
Requires Authentication	Yes
Authentication Details	OAuth <Refer to details outlined>

Request Format ;
<Product Json structure >

Response Format:

HTTP Response Success Code : 201.

Description :

200 (OK) or 204 (No Content). Use 404 (Not Found), if ID not found or invalid.

4)Delete Products

DELETE <http://localhost:8080/api/products/:productId>

Resource Information

Response format	JSON
Requires Authentication	Yes
Authentication Details	OAuth <Refer to details outlined>

Request Format ;

NA

Response Format:

200 (OK). 404 (Not Found), if Product ID not found or invalid.