API Catalog

Sr.	Name	API URI and HTTP Method	Description
1.	**Products list in Cart API**	**/productCart** GET Authorization	To show list of all products in cart
2.	**Add a product API**	**/product** POST Authorization	Add a new product to cart
3.	**Fetch a product API**	**/product/{id}:** GET Authorization	Fetch specific product details
4.	**Update a product API**	**/product/{id}:** PUT Authorization	Update specific product details
5.	**Update quantity of a product API**	**/product/{id}:** PATCH Authorization	Update a specific data of a specified entity
6.	**Delete a product API**	**/product/{id}:** DELETE Authorization	Delete product by ID

Products list in Cart API

API Description	Show list of all products in cart.
REST endpoint	/productCart
Request Type	GET
Auth Type	Yes
Headers	None
Request Body	None
Response	```[{ "ProductID": "B07S94NGWG", "ProductName": "Lenovo(Ideapad)" }]```
Status	• 200: OK • 400: Bad request • 401: Unauthorized • 403: Forbidden • 404: Not found • 405: Validation exception • 409: Conflict • 500: Internal server error • 503: Service unavailable

Add a product API

API Description	Add new product to cart.
REST endpoint	/product
Request Type	POST
Auth Type	Yes
Headers	None
Request Body	```{ "ProductID": "B07S94NGWG", "ProductName": "Lenovo(Ideapad)" }```
Response	```[{ "ProductID": "B07S94NGWG", "ProductName": "Lenovo(Ideapad)" }]```
Status	201: OK created 202: Accepted 400: Bad request 401: Unauthorized 403: Forbidden 409: Conflict 500: Internal server error 503: Service unavailable

Fetch a product API

API Description	Fetch specific product details.
REST endpoint	/product /{id}
Request Type	GET
Auth Type	Yes
Headers	None
Request Body	"ProductID": "B07S94NGWG",

Response	```
	{
	    "ProductID": "B07S94NGWG",
	    "ProductName": "Lenovo(Ideapad)"
	}
	``

Status	200: OK 400: Bad request 401: Unauthorized 403: Forbidden 404: Not found 405: Validation exception 409: Conflict 500: Internal server error 503: Service unavailable

Update a product API

API Description	Update specific product details.
REST endpoint	/product /{id}
Request Type	PUT
Auth Type	Yes
Headers	None
Request Body	"ProductID": "B07S94NGWG",

Response	{
	   "ProductID": "B07S94NGWG",
	   "ProductName": "Lenovo(Ideapad)"
	}

Status	200: OK 201: OK created 202: Accepted 204: No content 400: Bad request 401: Unauthorized 403: Forbidden 404: Not found 405: Validation exception 409: Conflict 500: Internal server error 503: Service unavailable

Update quantity of a product API

API Description	Update a specific data of a specified entity.
REST endpoint	/product /{id}
Request Type	PATCH
Auth Type	Yes
Headers	None
Request Body	"ProductID": "B07S94NGWG",

Response	{
	    "ProductID": "B07S94NGWG",
	    "ProductName": "Lenovo(Ideapad)"
	}

Status	200: OK 201: OK created 202: Accepted 400: Bad request 401: Unauthorized 403: Forbidden 404: Not found 405: Validation exception 409: Conflict 500: Internal server error 503: Service unavailable

Delete a product API

API Description	Delete product by ID.
REST endpoint	/product /{id}
Request Type	DELETE
Auth Type	Yes
Headers	None
Request Body	"ProductID": "B07S94NGWG",

Response	```
	{
	   "ProductID": "B07S94NGWG",
	   "ProductName": "Lenovo(Ideapad)"
	}
	``

Status	200: OK 202: Accepted 204: No content 400: Bad request 401: Unauthorized 403: Forbidden 404: Not found 409: Conflict 500: Internal server error 503: Service unavailable