HttpMethod: get

Route: /api/v1/products

Description: Get all Products

URI Parameters: None

Body Parameters: None

HttpResponseStatusCode: 200 OK

HttpResponseData:

[{"Id":1,"Name":"Tomato soup","Category":"Groceries","Price":1.39},

{"Id":2,"Name":"Yo-yo","Category":"Toys","Price":3.75},

{"Id":3,"Name":"Hammer","Category":"Hardware","Price":16.99}]

HttpMethod: Get

Route: /api/v1/products/{id}

Description: Get One Product by Id

URI Parameters:

|  |  |  |
| --- | --- | --- |
| Variable Name | Datatype | Required |
| Id | Int | Required |

Body Parameters: None

HttpResponseStatusCode: 200 OK

HttpResponseData: {"Id":1,"Name":"Tomato soup","Category":"Groceries","Price":1.39}

HttpMethod:Get

Route: /api/v1/products?category={category}

Description: Get Products by Category

URI Parameters:

|  |  |  |
| --- | --- | --- |
| Variable Name | Datatype | Required |
| Category | String | Required |

Body Parameters: None

HttpResponseStatusCode: 200 OK

HttpResponseData: [{"Id":2,"Name":"Yo-yo","Category":"Toys","Price":3.75}]

HttpMethod: Post

Route: /api/v1/products

Description: Create Product

URI Parameters: None

Body Parameters:

|  |  |  |
| --- | --- | --- |
| Variable Name | Datatype | Required |
| Name | String | Required |
| Category | String | Required |
| Price | Decimal | Required |

HttpResponseStatusCode: 201 Created

HttpResponseData: {"Id":4,"Name":"Lego","Category":"Toys","Price":90.45}

HttpMethod: Put

Route: /api/v1/products/{id}

Description: Update Product

URI Parameters:

|  |  |  |
| --- | --- | --- |
| Variable Name | Datatype | Required |
| Id | Int | Required |

Body Parameters:

|  |  |  |
| --- | --- | --- |
| Variable Name | Datatype | Required |
| Name | String | Required |
| Category | String | Required |
| Price | Decimal | Required |

HttpResponseStatusCode: 200 OK

HttpResponseData: "Product updated successfully!"

HttpMethod: Delete

Route: /api/v1/products/{id}

Description: Delete Product

URI Parameters:

|  |  |  |
| --- | --- | --- |
| Variable Name | Datatype | Required |
| Id | Int | Required |

Body Parameters: None

HttpResponseStatusCode: 200 OK

HttpResponseData: "Product deleted successfully!"