1. **Get Product List**

<http://localhost:8080/api/alti/foodstore/products>

**GET**

**Sample Response**

{

"RETURN\_CODE": "200",

"RETURN\_DESCRIPTION": "Product list found",

"DATA": [

{

"productId": 1,

"productName": "Paracetamol XYZ 20 Tablets",

"perUnitQty": 20,

"price": 7,

"productCategory": "Paracetamol"

},

{

"productId": 2,

"productName": "Paracetamol XYZ 10 Tablets",

"perUnitQty": 10,

"price": 4,

"productCategory": "Paracetamol"

},

{

"productId": 3,

"productName": "Pork Sausages",

"perUnitQty": 1,

"price": 6,

"productCategory": "Food"

},

{

"productId": 4,

"productName": "Baked Beans",

"perUnitQty": 1,

"price": 1.3,

"productCategory": "Food"

},

{

"productId": 5,

"productName": "6 eggs pack",

"perUnitQty": 6,

"price": 3,

"productCategory": "Food"

},

{

"productId": 6,

"productName": "12 eggs pack",

"perUnitQty": 12,

"price": 5.4,

"productCategory": "Food"

},

{

"productId": 7,

"productName": "Loaf of Bread",

"perUnitQty": 1,

"price": 1.4,

"productCategory": "Food"

},

{

"productId": 8,

"productName": "Microwave Oven",

"perUnitQty": 1,

"price": 57.3,

"productCategory": "Electronics"

},

{

"productId": 9,

"productName": "TV 25 inch XamZung",

"perUnitQty": 1,

"price": 180,

"productCategory": "Electronics"

},

{

"productId": 10,

"productName": "Insurance per Electric Appliance",

"perUnitQty": 1,

"price": 120,

"productCategory": "Insurance"

}

]

}

1. **Add Product**

<http://localhost:8080/api/alti/foodstore/products>

**POST:**

**Sample Request:**

{

"productName": "Paracetamol XYZ 5 Tablets",

"perUnitQty":5,

"price" : 2.00,

"productCategory":"Paracetamol"

}

/\*

Only four categories created for simplicity

Electronics

Food

Insurance

Paracetamol

\*/

1. **Delete Product**

[http://localhost:8080/api/alti/foodstore/products/{productName}](http://localhost:8080/api/alti/foodstore/products/%7bproductName%7d)

**DELETE**

**Sample Response:**

{

"RETURN\_CODE": "404",

"RETURN\_DESCRIPTION": "Invalid Product Name",

"DATA": "XYZ"

}

1. **Order Products**

<http://localhost:8080/api/alti/foodstore/products/order>

**POST**

**Request:**

[

"Paracetamol XYZ 20 Tablets",

"Paracetamol XYZ 10 Tablets",

"Pork Sausages",

"Loaf of Bread",

"Insurance per Electric Appliance",

"Paracetamol XYZ 20 Tablets",

"Loaf of Bread",

"Insurance per Electric Appliance",

"TV 25 inch XamZung",

"6 eggs pack"

]

**Sample Response**:

{

"RETURN\_CODE": "200",

"RETURN\_DESCRIPTION": "Product Order receipt generated",

"DATA": {

"order-details": [

{

"productId": 1,

"productName": "Paracetamol XYZ 20 Tablets",

"perUnitQty": 20,

"price": 0,

"productCategory": "Paracetamol",

"freeQuantity": 0,

"purchasedQuantity": 40,

"totalQuantity": 40,

"vat": 14,

"discount": 0,

"total-amount": 0,

"message": "The law says that you cannot buy more than 20 tablets of paracetamol in the same purchase"

},

{

"productId": 2,

"productName": "Paracetamol XYZ 10 Tablets",

"perUnitQty": 10,

"price": 0,

"productCategory": "Paracetamol",

"freeQuantity": 0,

"purchasedQuantity": 10,

"totalQuantity": 10,

"vat": 14,

"discount": 0,

"total-amount": 0,

"message": "The law says that you cannot buy more than 20 tablets of paracetamol in the same purchase"

},

{

"productId": 3,

"productName": "Pork Sausages",

"perUnitQty": 1,

"price": 6,

"productCategory": "Food",

"freeQuantity": 0,

"purchasedQuantity": 1,

"totalQuantity": 1,

"vat": 14,

"discount": 0,

"total-amount": 6.84

},

{

"productId": 5,

"productName": "6 eggs pack",

"perUnitQty": 6,

"price": 3,

"productCategory": "Food",

"freeQuantity": 0,

"purchasedQuantity": 6,

"totalQuantity": 6,

"vat": 14,

"discount": 0,

"total-amount": 3.42

},

{

"productId": 10,

"productName": "Insurance per Electric Appliance",

"perUnitQty": 1,

"price": 240,

"productCategory": "Insurance",

"freeQuantity": 0,

"purchasedQuantity": 2,

"totalQuantity": 2,

"vat": 0,

"discount": 20,

"total-amount": 384

},

{

"productId": 7,

"productName": "Loaf of Bread",

"perUnitQty": 1,

"price": 2.8,

"productCategory": "Food",

"freeQuantity": 2,

"purchasedQuantity": 2,

"totalQuantity": 4,

"vat": 14,

"discount": 0,

"total-amount": 6.38,

"message": "2 quantity of Loaf of Bread added for FREE!!!"

},

{

"productId": 9,

"productName": "TV 25 inch XamZung",

"perUnitQty": 1,

"price": 180,

"productCategory": "Electronics",

"freeQuantity": 0,

"purchasedQuantity": 1,

"totalQuantity": 1,

"vat": 14,

"discount": 7,

"total-amount": 190.84

},

{

"productId": 4,

"productName": "Baked Beans",

"perUnitQty": 1,

"price": 1.3,

"productCategory": "Food",

"freeQuantity": 1,

"purchasedQuantity": 0,

"totalQuantity": 1,

"vat": 14,

"discount": 0,

"total-amount": 0,

"message": "1 quantity of Baked Beans added for FREE!!!"

}

],

"grandTotal": 591.48

}

}