***Product*** :

• GET (Product search based on ProductID)

**Request** : http://localhost:8081/productservice/product/1

**Response** :

{"productID":1,"productDescription":"Phone","unitPrice":700.0,"availableQuantity":200,"productOrder":null}

• GET (Fetch all Products)

**Request** : http://localhost:8081/productservice/product/

**Response** :

[{"productID":4,"productDescription":"Bottels","unitPrice":40.0,"availableQuantity":300,"productOrder":null},{"productID":2,"productDescription":"Bed","unitPrice":300.0,"availableQuantity":300,"productOrder":null},{"productID":3,"productDescription":"Shoes","unitPrice":35.6,"availableQuantity":400,"productOrder":null},{"productID":1,"productDescription":"Phone","unitPrice":700.0,"availableQuantity":200,"productOrder":null}]

• POST (Adding New product to Database)

**Request :**  http://localhost:8081/productservice/product/

Accept: application/json

Content-Type: application/json

BODY : {"productID":"4", "productDescription":"Bottels", "unitPrice":"40.00", "availableQuantity":"300" }

**Response** : Product Added Successfully

POST **http://localhost:8081/productservice/product/buy**

Accept: application/json

Content-Type: application/json

{"orderDate":"2016-10-10","productOrder":[{"product":{"productID":"6"},"orderQuantity":"3"}],"customerEmail":"test1@gmail.com"}

***Customer*** :

• GET (Customer search based on CustomerID)

**Request** : http://localhost:8081/customerservice/customer/1

**Response** :

{"customerID":1,"customerName":"TestCust","customerAddress":{"addressId":1,"street":"testArea","city":"testCity","state":"testState","zipcode":"60660"},"customerPhone":{"primaryNumber":"1234567","secondaryNumber":"7654321"},"email":"test1@gmail.com"}

• GET (Fetch all Customers)

**Request** : http://localhost:8081/customerservice/customer/

**Response** :

[

{"customerID":1,"customerName":"TestCust","customerAddress":{"addressId":1,"street":"testArea","city":"testCity","state":"testState","zipcode":"60660"},"customerPhone":{"primaryNumber":"1234567","secondaryNumber":"7654321"},"email":"test1@gmail.com"},

{"customerID":2,"customerName":"TestCust2","customerAddress":{"addressId":2,"street":"testArea2","city":"testCity2","state":"testState2","zipcode":"60660"},"customerPhone":{"primaryNumber":"1234567","secondaryNumber":"7654321"},"email":"test2@gmail.com"}

]

• POST (Adding New customer to Database)

**Request :**  http://localhost:8081/customerservice/customer/

Accept: application/json

Content-Type: application/json

BODY : {"customerName":"TestCust2","customerAddress":{"street":"testArea2","city":"testCity2","state":"testState2","zipcode":"60660"},"customerPhone":{"primaryNumber":"1234567","secondaryNumber":"7654321"},"email":"test1@gmail.com"}

**Response** : Customer Added

***Order*** :

• POST (Placing an Order)

**Request :**  http://localhost:8081/orderservice/order/

Accept: application/json

Content-Type: application/json

BODY : {"orderStatus":"Processing",

"orderDate":"2016-10-10","totalPrice":"120.00",

"productOrder":[{"product":{"productID":"4", "productDescription":"Bottels","unitPrice":"40.00"},"orderQuantity":"3"}],"customerEmail":"test2@gmail.com"}

**Response** : Order Created

@CrossOriginResourceSharing(

allowOrigins = {

"http://localhost:8080"

},

maxAge = 1,

allowHeaders = {

"X-custom-1", "X-custom-2"

},

exposeHeaders = {

"X-custom-3", "X-custom-4"

}

)

@CrossOriginResourceSharing(

allowOrigins = { "http://localhost:8080" },

exposeHeaders = { "X-custom-3", "X-custom-4" }

)