\* Path for the CustomerAPI class is "/v1.0/customer"

\* If you need all details of customer specify customerId in url and

leave requiredFields blank in header. See example below

**@GET https://localhost:8443/v1.0/customer/8**

**Example format:**

**@GET https://localhost:8443/v1.0/customer/8**

@HeaderParam

‘accessParam’: {

"apiKey": "your access token",

"requiredFields":[]

}

**Response:**

{

"statusCode": 200,

"message": "Test Success",

"source": {

"customerId": 5,

"firstName": "XXXX",

"lastName": "XXXX",

"email": "xyz@gmail.com",

"address":[

"addressId": 9,

"address1": "R3-708 Alpine Eco Apartments",

"address2": "Doddanekkundi",

"mobile": "8105508415",

"city": "Bangalore",

"state": "Karnataka",

"postCode": "560037"

],

"wishList": [

{

"wishListId": 1,

"wishListName": "My wishlist",

"addDate": "2015-05-09 14:21:32.0",

"updateDate": "2015-05-09 14:21:32.0"

}

],

"orders": [

{

"orderId": 210180429,

"totalAmount": 6000,

"totalPaid": 6000,

"totalDiscount": 0

"messages": [

{

"messageId": 706,

"message": "I have cancelled this order . Please don't dispatch the same.",

"dateAdded": 1370877028000

}

]

}

]

}

}

\* If you need particular details of customer like email of a particular customer specify customerid in url and in requiredFields=["email"]. See example below

**@GET https://localhost:8443/v1.0/customer/8**

**Example format:**

**@GET https://localhost:8443/v1.0/customer/8**

@HeaderParam

‘accessParam’: {

"apiKey": "your access token",

"requiredFields":["email"] 1

}

**Response:**

{

"statusCode": 200,

"message": "Test Success",

"source": {

"email": "xyz@gmail.com",

}

}

\* If you want total address of a customer specify requiredFields=["address"]. See example below

**@GET https://localhost:8443/v1.0/customer/8**

**Example format:**

**@GET https://localhost:8443/v1.0/customer/8**

@HeaderParam

‘accessParam’: {

"apiKey": "your access token",

"requiredFields":["address"] 1

}

**Response:**

{

"statusCode": 200,

"message": "Test Success",

"source": {

"address": [

{

"addressId": 1069,

"address1": "Flat 01, Achal Leela Darshan Apartment., Baner Road, Near Dmart,Behind Cars Planet",

"address2": "Behind Cars Planet",

"mobile": "7387000201",

"city": "Pune",

"state": "Maharashtra",

"postCode": "411045"

}

}

}

**Add new address:**

**@PUT https://localhost:8443/v1.0/customer/address**

**Example format:**

**@POST https://localhost:8443/v1.0/customer/address**

@body

@context -> raw, @type -> application/json

{

"apiKey":"123456789",

"customerId":90589,

"firstName":"nikhil",

"lastName":"reddy",

"address1": "to subbireddy college",

"address2": "to subbireddy college",

"mobile": "9874536215",

"stateId":2,

"countryId":5,

"postCode": "123465",

"city":"hyderabad",

"alias":"my address"

}

**Response:**

{

"statusCode": 201,

"message": " success”,

"source": "New address added succesfully to customerId 8"

}

**Update Address:**

**@PUT https://localhost:8443/v1.0/customer/address/8**

**Example format:**

**@PUT https://localhost:8443/v1.0/customer/address/8**

@body

@context -> raw, @type -> application/json

{

"apiKey":"123456789",

"addressId":53669,

"firstName":"nikhil",

"lastName":"reddy",

"address1": "to subbireddy college",

"address2": "to subbireddy college",

"mobile": "9874536215",

"stateId":2,

"countryId":5,

"postCode": "123465",

"city":"hyderabad",

"alias":"my address"

}

**Response:**

{

"statusCode": 201,

"message": " success”,

"source": "Address of addressId 53669 updated succesfully"

}

you can update any single value independently. CustomerId and addressId should match, then only you can update the particular address.

**Exceptions which may occur:**

\* If we give path for only customer class like "https://localhost:8443/v1.0/customer" it will give an exception as page not found.

**Response:**

{

"statusCode": 404,

"message": "HTTP 404 Page Not Found",

"source": ""

}

\* If you give wrong key your will get unauthorized exception or if you give content as other than "apiKey" you will get "specify content correctly exception".

**Response:**

{

"statusCode": 401,

"message": " HTTP 401 Unauthorized, Invalid API key specified or key is inActive",

"source": ""

}

\* If you mis-spelled any parameter in content-type like "apiKey" or "accessParam" or "requiredFields" you will get response like

**Response:**

{

"statusCode": 400,

"message": HTTP 400 Bad Request, Content-Type or apiKey or requiredFields spelled Incorrectly",

"source": ""

}

\* If specified customerId and addressId not matched,it means addressId on which you want to perform any action like update or delete, that addressId should belong to the customerId which you mentioned if not you will get response like

**Response:**

{

"statusCode": 400,

"message": "HTTP 400 Bad Request, AddressId "specified AddressId" was not matched to the addressId's of customerId "specified customerId" ",

"source": null

}

\* If you haven't specified any required field while adding new address, for example if you didn't specify "address1" field or you specified but given null value, then you will get response like

**Response:**

{

"statusCode": 400,

"message": "HTTP 400 Bad Request, Error address1 is needed and it should not be null",

"source": null

}

\* While updating address if you specified a field and not given any value to that field, for example you specified "address1" field but given null value like "address1" : "", then you will get response like

**Response:**

{

"statusCode": 400,

"message": "HTTP 400 Bad Request, Error address1 is needed and it should not be null",

"source": null

}

\* While updating address if the fields specified by consumer are not matched to the fields to be updated then you will get error response, for example if you misspelled "firstName" field then the response will be

**Response:**

{

"statusCode": 400,

"message": "HTTP 400 Bad Request, Error please check the field names which you had given.Some of them are misspelled",

"source": null

}