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Abstract

This document will outline the API and flow needed to use the REST services for the practical test.

BEITECH PRACTICAL TEST rest services

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| Version | Date | Description | Author |
| 1.0 | 23/10/2017 | Initial release | AngelicaQuevedo |

## GetCustomers

## Gets the initial list of customers to select one of them and place a new order.

## Request method: get

**URL**: {host}/webapp/API/GetCustomers

Body parameters: None  
  
Output Example:

**{**

**"returnCode": 0,**

**"returnMessage": "success",**

**"customers": [{**

**"customerId": 41778433,**

**"name": "María Vargas",**

**"email": "maria@gmail.com",**

**"products": []**

**},**

**{**

**"customerId": 102043567,**

**"name": "Daniel Vega",**

**"email": "daniel@gmail.com",**

**"products": []**

**},**

**{**

**"customerId": 1019085669,**

**"name": "Angelica quevedo",**

**"email": "angelica@gmail.com",**

**"products": []**

**},**

**{**

**"customerId": 10200758345,**

**"name": "Juan Vargas",**

**"email": "juan@gmail.com",**

**"products": []**

**}]**

**}**

# GetAllowedProductsByCustomer/{id}

## Get a list the allowed products for a customer (The ones can be bought).

## Request method: get

**URL**: {host}/webapp/API/GetCustomers

Body Parameters: None

Output Example:

**{**

**"returnCode": 0,**

**"returnMessage": "success",**

**"customerId": 1019085669,**

**"products": [{**

**"productId": 1,**

**"name": "Carne de res",**

**"description": "Carne de res",**

**"creationDate": "2017-10-19",**

**"price": 5,**

**"categoryId": 1**

**},**

**{**

**"productId": 2,**

**"name": "Carne de cerdo",**

**"description": "Carne de cerdo",**

**"creationDate": "2017-10-19",**

**"price": 8,**

**"categoryId": 1**

**},**

**{**

**"productId": 3,**

**"name": "Pollo",**

**"description": "Pollo",**

**"creationDate": "2017-10-19",**

**"price": 6,**

**"categoryId": 1**

**},**

**{**

**"productId": 4,**

**"name": "Leche entera",**

**"description": "Leche entera",**

**"creationDate": "2017-10-19",**

**"price": 15,**

**"categoryId": 2**

**},**

**{**

**"productId": 5,**

**"name": "Yoghurt",**

**"description": "Yoghurt",**

**"creationDate": "2017-10-19",**

**"price": 3,**

**"categoryId": 2**

**},**

**{**

**"productId": 6,**

**"name": "Leche descremada",**

**"description": "Leche descremada",**

**"creationDate": "2017-10-19",**

**"price": 16,**

**"categoryId": 2**

**},**

**{**

**"productId": 8,**

**"name": "Camisa mujer",**

**"description": "Camisa mujer",**

**"creationDate": "2017-10-19",**

**"price": 35,**

**"categoryId": 3**

**},**

**{**

**"productId": 10,**

**"name": "Pantalon mujer",**

**"description": "Paantalon mujer",**

**"creationDate": "2017-10-19",**

**"price": 55,**

**"categoryId": 3**

**},**

**{**

**"productId": 12,**

**"name": "Televisor LG",**

**"description": "Televisor LG",**

**"creationDate": "2017-10-19",**

**"price": 700,**

**"categoryId": 6**

**}**

**]**

**}**

# AddOrder/{id}

## Adds the selected products from the available ones to generate a new order.

## Request method: post

**URL**: {host}/webapp/API/AddOrder/{id}

URL Parameters: {host}/webapp/API/AddOrder/41778433

Body Parameters:

**{**

**"deliveryAddress": "calle falsa 123",**

**"productsToOrder": [**

**{**

**"productId": "8",**

**"productPrice": "1500",**

**"description": "Descripcion del producto 8 adquirido"**

**},**

**{**

**"productId": "10",**

**"productPrice": "1500",**

**"description": "Descripcion del producto 10 adquirido"**

**}**

**]**

**}**

Output Example:

{

"returnCode": 0,

"returnMessage": "success",

"addOrderMessage": "a new order has been added for customer 10200758345",

"deliveryDate": "Sat Nov 04 20:27:43 COT 2017"

}

## GetOrdersByCustomer/{id}

## Gets the initial list of customers to select one of them and place a new order.

## Request method: get

**URL**: {host}/webapp/API/GetOrdersByCustomer/{id}

Body parameters: None

URL Parameters: {host}/webapp/API/AddOrder/10200758345  
  
Output Example:

**{**

**"returnCode": 0,**

**"returnMessage": "orders for customer 10200758345 have been retrieved successfully",**

**"customerId": 10200758345,**

**"orders": [**

**{**

**"orderId": 17,**

**"creationDate": "2017-10-29",**

**"customerId": 10200758345,**

**"deliveryAddress": "calle falsa 123",**

**"deliveryDate": "2017-11-02",**

**"total": 100,**

**"orderDetails": [**

**{**

**"detailId": 16,**

**"productId": 7,**

**"price": 40,**

**"detailDescription": "Camisa hombre"**

**},**

**{**

**"detailId": 17,**

**"productId": 9,**

**"price": 60,**

**"detailDescription": "Pantalon hombre"**

**}**

**]**

**},**

**{**

**"orderId": 18,**

**"creationDate": "2017-10-29",**

**"customerId": 10200758345,**

**"deliveryAddress": "calle falsa 123",**

**"deliveryDate": "2017-11-03",**

**"total": 100,**

**"orderDetails": [**

**{**

**"detailId": 18,**

**"productId": 7,**

**"price": 40,**

**"detailDescription": "Camisa hombre - nueva orden"**

**},**

**{**

**"detailId": 19,**

**"productId": 9,**

**"price": 60,**

**"detailDescription": "Pantalon hombre - nueva orden"**

**}**

**]**

**}**

**]**

**}**