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# Purpose of this document

This document describes what REST services for dogs clothes-application provides. It contains all needed information so that client can be implemented.

# REST resources (services)

1. Get all clothes -> http://localhost:8080/api/clothes (use plurars)

2. get all manufacturers -> <http://localhost:8080/api/manufacturers> (use plurars)

3. get all jackets -> <http://localhost:8080/api/clothes/jackets> (use plurars)

# REST requests and responses

# 1 Get all clothes

HTTP method: GET

API call: <http://localhost:8080/api/clothes>

Request body: -

Response example below:

[

{

"id": 1,

"title": "Jacket",

"color": "Red",

"size": "M",

"price": 59.99,

"category": {

"categoryId": 1,

"name": "Jackets"

},

"manufacturer": {

"manufacturerId": 1,

"name": "Rukka"

}

},

{

"id": 2,

"title": "Hat",

"color": "Blue",

"size": "M",

"price": 59.99,

"category": {

"categoryId": 2,

"name": "Hats"

},

"manufacturer": {

"manufacturerId": 2,

"name": "Nukka"

}

},

{

"id": 3,

"title": "Necklace",

"color": "Silver",

"size": "M",

"price": 59.99,

"category": {

"categoryId": 3,

"name": "Accessories"

},

"manufacturer": {

"manufacturerId": 3,

"name": "Zukka"

}

}

]

## 2 Get all manufacturers

HTTP method: GET

API call: http://localhost:8080/api/manufacturers

Request body: -

Response example below:

[

{

"manufacturerId": 1,

"name": "Rukka"

},

{

"manufacturerId": 2,

"name": "Nukka"

},

{

"manufacturerId": 3,

"name": "Zukka"

}

]

## 3 Get all jackets

HTTP method: GET

API call: <http://localhost:8080/api/clothes/jackets>

Request body: -

Response example below:

[

{

"id": 1,

"title": "Jacket",

"color": "Red",

"size": "M",

"price": 59.99,

"category": {

"categoryId": 1,

"name": "Jackets"

},

"manufacturer": {

"manufacturerId": 1,

"name": "Rukka"

}

}

]

# HTTP methods

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Http**  **Method** | **Resource EndPoint** | **Input** | **Success Response** | **Description** |
| GET | /api/clothes | Body: empty | Status: 200  List of clothes | Retrieves all clothes |
| GET | /api/manufacturers | Body: empty | Status: 200  list of manufacturers | Retrieves all manufacturers |
| GET | /api/clothes/jacket | Body: empty | Status: 200  list of all jackets | Retrieves all jackets |