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# Purpose of this document

This document describes what REST services dog product inventory-application provides. It contains all needed information so that client can be implemented.

# REST resources (services)

1. Get all dog products -> http://localhost:8080/dogproducts

2. Insert new dog product-> http://localhost:8080/dogproducts

3. Edit dog product -> http://localhost:8080/dogproducts/{id}

4. Delete dog product -> http://localhost:8080/dogproducts/{id}

5. Get a dog product by id-> http://localhost:8080/dogproducts/{id}

# REST requests and responses

## 1 Get all dog products

HTTP method: GET

API call: http://localhost:8080/dogproducts

Request body: -

Response example below:

[

    {

        "id": 1,

        "name": "takki",

        "color": "punainen",

        "size": "L",

        "price": 4,

        "manufacturer": {

            "id": 1,

            "name": "testi1",

            "address": "osoite1",

            "phone": "12544"

}

    },

    {

        "id": 2,

        "name": "kaulapanta",

        "color": "sininen",

        "size": "S",

        "price": 8,

        "manufacturer": {

            "id": 2,

            "name": "testi2",

            "address": "osoite2",

            "phone": "1254455675"

}

    },

    {

        "id": 3,

        "name": "takki",

        "color": "vihreä",

        "size": "M",

        "price": 9,

        "manufacturer": {

            "id": 1,

            "name": "testi1",

            "address": "osoite1",

            "phone": "12544"

}

    }

]

## 2 Insert new dog product

HTTP method: POST

API call: <http://localhost:8080/dogproducts>

Request body:

{

        "name": "paita",

        "color": "keltainen",

        "size": "M",

        "price": 4,

        "manufacturer": {

            "id": 1

}

    }

Response example below (Status 200 OK):

{

    "id": 4,

    "name": "paita",

    "color": "keltainen",

    "size": "M",

    "price": 4,

    "manufacturer": {

        "id": 1,

        "name": "testi1",

        "address": "osoite1",

        "phone": "12544"

    }

}

## 3 Edit dog product

HTTP method: PUT

API call: <http://localhost:8080/dogproducts/4>

Request body:

{

        "name": "takki",

        "color": "punainen ",

        "size": "M",

        "price": 2,

        "manufacturer": {

            "id": 1

        }

    }

Response example below (Status 200 OK):

{

    "id": 4,

    "color": "takki",

    "size": "punainen ",

    "price": 2,

    "manufacturer": {

        "id": 1,

        "name": "testi1",

        "address": "osoite1",

        "phone": "12544"

}

}

## 4 Delete dog product

HTTP method: DELETE

API call: http://localhost:8080/dogproducts/4

Request body: -

Response: Status 200 OK