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# Purpose of this document

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

# REST resources (services)

1. Get all cars -> http://localhost:8080/rest/cars/ (use plurars)

2. Insert new car-> http://localhost:8080/rest/cars/

3. Edit car -> http://localhost:8080/rest/cars/{id} (id parameter needed)

4. Delete car -> http://localhost:8080/rest/cars/{id}

# REST requests and responses

## 1 Get all cars

HTTP method: GET

API call: http://localhost:8080/vaatteet

Request body:

[

{

"id":1,

"tyyppi":"Takki",

"vari":"Punainen",

"koko":"S",

"hinta":21.5

},

{

"id":2,

"tyyppi":"Kengät",

"vari":"Musta",

"koko":"S",

"hinta":14.0

},

{

"id":3,

"tyyppi":"Huppari",

"vari":"Keltainen",

"koko":"L",

"hinta":26.9

}

]

HTTP method: GET

API call: http://localhost:8080/valmistajat

Request body:

[

{

"valmistajaid":1,

"nimi":"Rukka",

"vaatteet":

[

{

"id":1,

"tyyppi":"Takki",

"vari":"Punainen",

"koko":"S",

"hinta":21.5}

]

},

{

"valmistajaid":2,

"nimi":"Pomppa",

"vaatteet":[]

},

{

"valmistajaid":3,

"nimi":"Trixie",

"vaatteet":[]

},

{

"valmistajaid":4,

"nimi":"Dogman",

"vaatteet":[]

},

{

"valmistajaid":5,

"nimi":"Hurtta",

"vaatteet":[

{

"id":2,

"nimi":"Vinkulelu",

"vari":"Sininen",

"koko":"S",

"hinta":15.5

}

]

},

{

"valmistajaid":6,

"nimi":"Feel Active",

"vaatteet":[]

}

]

HTTP method: GET

API call: http://localhost:8080/vaate/takki

Request body:

[

{

"id":1,

"tyyppi":"Takki",

"vari":"Punainen",

"koko":"S",

"hinta":21.5

}

]

HTTP method: GET

API call: http://localhost:8080/asiakkaat

Request body:

[

{

"id":1,

"etunimi":"Matti",

"sukunimi":"Meikäläinen",

"kotiosoite":"Matinkuja 3",

"postinumero":"00100",

"postitoimipaikka":"Helsinki",

"puhelinnumero":"020123456",

"email":"matti.meika@gmail.com"

}

]

## 2 Insert new car

HTTP method: POST

API call: http://localhost:8080/asiakkaat

Request body:

{

{

            "id": 1,

            "etunimi": "Matti",

            "sukunimi": "Meikäläinen",

            "kotiosoite": "Matinkuja 3",

            "postinumero": "00100",

            "postitoimipaikka":"Helsinki",

"puhelinnumero":"020123456",

"email": "matti.meika@gmail.com",

        },

Response example below (Status 200 OK):

{

        "0”

{

            "id": 1,

            "etunimi": "Matti",

            "sukunimi": "Meikäläinen",

            "kotiosoite": "Matinkuja 3",

            "postinumero": "00100",

            "postitoimipaikka":"Helsinki",

"puhelinnumero":"020123456",

"email": "matti.meika@gmail.com",

        }

    }

# HTTP methods

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Http**  **Method** | **Resource EndPoint** | **Input** | **Success Response** | **Error**  **Response** | **Description** |
| GET | /vaatteet | Body: empty | Status: 200  Lista tuotteita | Status 500 | Kaikki tuotteet |
| POST | /asiakkaat | Body: new car data | Status: 200  Rekisteröity asiakas tulee listaan | Status: 500 | uuden asiakkaan luominen |