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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 products -> <http://localhost:8080/vaatteet> (use plurars)
2. Insert new customer -> <http://localhost:8080/asiakkaat>

REST requests and responses

1 Get all products

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 customer

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