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# Purpose of this document

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

# REST resources (services)

1. Get all clothes -> http://localhost:8080/rest/getAllClothes/

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

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

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

# REST requests and responses

## 1 Get all cars

HTTP method: GET

API call: <http://localhost:8080/rest/getAllClothes/>

Request body: -

Response example below:

[

{

"id": 1,

"name": "Koiruliinin villapaituliini",

"type": "Koiran vaatteet",

"price": 20.0,

"manufacturer": "Mustin mirri"

},

{

"id": 2,

"name": "Koiruliinin sadetakkinen",

"type": "Koiran vaatteet",

"price": 25.0,

"manufacturer": "Mustin mirri"

}

]

## 2 Insert new car

HTTP method: POST

API call: <http://localhost:8080/rest/postNewClothe/>

Request body:

{

"name": "Koiruliinin sadetakkinen",

"type": "Koiran vaatteet",

"price": 25.0,

"manufacturer": "Mustin mirri"

}

Response example below (Status 200 OK):

{

    "id": 5,

    "name": "Koiruliinin sadetakkinen",

    "type": "Koiran vaatteet",

    "price": 25.0,

    "manufacturer": "Mustin mirri"

}

## 3 Edit car

HTTP method: PUT

API call: <http://localhost:8080/rest/putClothe/4>

Request body:

{

        "name": "Koiruliinin sadetakkinen",

        "type": "Koiran vaatteet",

        "price": 25.0,

        "manufacturer": "Mustin mirri"

}

Response: Status 200 OK

## 4 Delete car

HTTP method: DELETE

API call: <http://localhost:8080/rest/deleteClothe/4>

Request body: -

Response: Status 200 OK

# HTTP methods

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Http**  **Method** | **Resource EndPoint** | **Input** | **Success Response** | **Error**  **Response** | **Description** |
| GET | /rest/getAllClothes | Body: empty | Status: 200  List of clothes | Status 500 | Retrieves all clothes |
| POST | /rest/postNewClothe | Body: new cloth data | Status: 200  New cloth with id information | Status: 500 | Creates new cloth |
| PUT | /rest/cars | N/A | N/A | Status: 400 | Method not allowed |
| DELETE | /rest/cars | N/A | N/A | Status: 400 | Method not allowed |
| GET | /car/{id} | Body: empty | method not supported | method not supported | Get information of one car. Method not implemented. |
| POST | /car/{id} | N/A | N/A | Status: 400 | Method not allowed |
| PUT | /rest/putClothe/{id} | Body: cloth data with updates | Status: 200  Body: Empty | Status:404 or 500 | Updates an existing cloth |
| DELETE | /rest/deleteClothe/{id} | Body: empty | Status: 200 | Status:404 or 500 | Deletes an existing cloth. |