Documentation of REST API

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | **URL** | **Request Body (JSON)** | **Response (JSON)** | **Error (e)** |
| **GET** | /api/person/count |  | count | (e1) |
| **GET** | /api/person/{id} |  | [ID, email, firstName, lastName, street, zipcode, additionalInfo, [phone1, phone2, phone3…],  [hobby1, hobby2, hobby3…]] | (e2) |
| **GET** | /api/person/phone/{phone} |  | [ID, email, firstName, lastName, street, zipcode, additionalInfo, [phone1, phone2, phone3…],  [hobby1, hobby2, hobby3…]] | (e3) |
| **GET** | /api/person/hobby/{title} |  | [title, url, category] | (e4) |
| **POST** | /api/person/ | [firstName, lastName, phone,] |  | (e5) |
| **PUT** | /api/person/update/{id} | [ID, firstName, lastName, phone] |  | (e6) |
| **PUT** | /api/person/addhobby/{id} | [title] |  | (e7) |
| **DELETE** | /api/person/delete/{id} |  | ”Ok” - 200 | (e8) |

Request Body and Response Formats

(1) User format (do not provide ID, for POST)

    {

"id": 1,

    "email" : "kirsten@gmail.com",

    "firstName" : "Karsten",

    "lastName" : "Mussi",

    "zip" : "3000",

    "street" : "Lyngbyvej 45",

    "additionalInfo" : "Hunden bider",

    "phoneNumbers" : 70121416,

    "description" : "work"

    }

Errors

(e) All errors are reported using this format (with the HTTP-status code matching the number)

(e1) = NotFound

(e2) = NotFound

(e3) = NotFound

(e4) = NotFound

(e5) = MissingInput

(e6) = NotFound

(e7) = NotFound / MissingInput

(e8) = NotFound

status: { statusCode, "msg": "Explains the problem" }

* (e1) :{ status : 404, "msg": "No records were found in the database" }
* (e2) :{ status : 404, "msg": "No person with the provided id was found" }
* (e3) :{ status : 404, "msg": "No person with the provided phone was found" }
* (e4) :{ status : 404, "msg": "No hobby with the provided title was found" }
* (e5) :{ status : 400, "msg": "An input field is missing data" }
* (e6) :{ status : 400, "msg": "Person ID: " + p.getId() + " not found" }
* (e7) :{ status : 400 / 404, "msg": "Missing input" / "msg": "No hobby with the provided id was found" }
* (e8) :{ status : 404, "msg": "No person with the provided id was found" }