API Documentation

WEB DEVELOPMENT II

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API Methods

This API refers to the methods for do queries about the cellphones in the database.

For work with the API each method needs an authentication with an API Key through the principal page: https://localhost:8000/
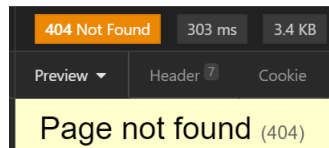
The following mentioned methods must be oriented in relation to the mentioned main URL.

Example: If we refer to the cellphones method, the link would look like this:

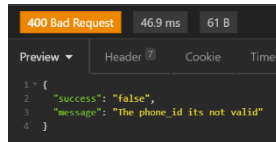https://localhost:8000/cellphones

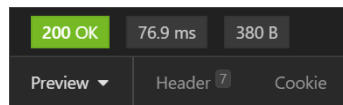Some responses in the petitions may be:

- 404: The page was not found

- 400: The request could not be understood by the server due to incorrect syntax.

- 401: unauthorized (Invalid api-key).
- 200: Ok. Indicates that request has succeeded. This response could be different in each method

Cellphones List:

Method for query the list of cellphones by lists.

GET /cellphones

Search for Cellphones. Example URL: localhost:8000/cellphones

Response application/json

Response	Schema	
200	success	boolean
	data	array[object]
	id	integer
	name	string
	color	string
	company	integer
| JSON | ```json
{
    "success": "true",
    "data": [
        {
            "id": 1,
            "name": "Samsung Galaxy S9",
            "brand": "Samsung",
            "color": "Golden",
            "company": 2
        },
``` | |

Add cellphone:

POST cellphones/add

Add new cellphones in the database. Example URL: http://localhost:8000/cellphones/add

Request Body application/json

Schema:		
phone_name	string	required
brand_name	string	required
phone_color	string	required
phone_company_id	integer	required

```json
{
    "phone_name": "IPhone XR Max",
    "brand_name": "Apple",
    "phone_color": "Red",
    "phone_company_id": 3
}
```

Response application/json

Response	Schema	
200	success	boolean
	message	string
| | ```json
{
    "success": "true",
    "message": "Cellphone inserted"
}
``` | |

Get Cellphone by id:

GET /cellphones/get

Search cellphone by his id through a request body.

Example URL: localhost:8000/cellphones/get

Request Body application/json

Schema:		
phone_id	integer	required

```json
{
    "phone_id": 1
}
```

Response application/json

Response	Schema	Datatype
200	success	boolean
	data	array[object]
	name	string
	brand	string
	color	string
	company	integer
| JSON | ```json
{
    "success": "true",
    "data": {
        "name": "Samsung Galaxy S9",
        "brand": "Samsung",
        "color": "Golden",
        "company": 2
    }
}
``` | |

Update cellphone by id:

POST cellphones/update/{phone_id}

Update a cellphone from table in database, there can be an only or many data

Example URL: localhost:8000/cellphones/update/1

Request Body   application/json

Schema:		
phone_name	string	required
brand_name	string	required
phone_color	string	required
phone_company_id	integer	required

```json
{
    "phone_name": "Samsung Galaxy S9",
    "brand_name": "Samsung",
    "phone_color": "Pink",
    "phone_company_id": 2
}
```

Response application/json

Response	Schema	
200	success	boolean
	message	string
JSON	```json { "success": "true", "message": "Datos actualizados" } ```	

Delete cellphone by id:

DELETE- cellphones/{phone_id}

Delete a cellphone from table in database, including the phone_id

Example URL: http://localhost:8000/cellphones/delete

Request Body application/json

Schema:		
phone_id	integer	required

```
{
    "phone_id": 1
}
```

Response application/json

Response	Schema	
200	success	boolean
	message	string

JSON	
	``
	{
	    "success": "true",
	    "message": "The Phone has been deleted"
	}
	``	