Higher Diploma in Data Analytics 2019 Data Representation Lab 05.2 FLASK

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1. Get all

Command: curl -i http://localhost:5000/cars

Output:

```
λ curl -i http://localhost:5000/cars
HTTP/1.0 200 OK
Content-Type: application/json
Content-Length: 349
Server: Werkzeug/0.15.4 Python/3.7.3
Date: Fri, 25 Oct 2019 18:27:39 GMT
  "cars": [
       "make": "Ford",
       "model": "Modeo",
       "price": 18000,
"reg": "181 G 1234"
       "make": "Nissan",
       "model": "Almera",
       "price": 8000,
       "reg": "11 M0 1234"
       "make": "Nissan",
"model": "Almera",
       "price": 8000,
"reg": "test"
```

 Find by id Command: curl -i http://localhost:5000/cars/test

```
λ curl -i http://localhost:5000/cars/test
HTTP/1.0 200 OK
Content-Type: application/json
Content-Length: 104
Server: Werkzeug/0.15.4 Python/3.7.3
Date: Fri, 25 Oct 2019 18:29:42 GMT

{
    "car": {
        "make": "Nissan",
        "model": "Almera",
        "price": 8000,
        "reg": "test"
    }
}
```

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3. Create

Command: curl -i -H "Content-Type:application/json" -X POST -d "{\"reg\":\"12 D 1234\",\"make\":\"Fiat\",\"model\":\"Punto\",\"price\":3000}" http://localhost:5000/cars

Output:

```
λ curl -i -H "Content-Type:application/json" -X POST -d "{\"reg\":\"12 D 1234\",\\"make\":\"Fiat\\",\\"mode
l\":\"Punto\",\\"price\":3000}" http://localhost:5000/cars
HTTP/1.0 201 CREATED
Content-Type: application/json
Content-Length: 106
Server: Werkzeug/0.15.4 Python/3.7.3
Date: Fri, 25 Oct 2019 18:43:55 GMT

{
    "car": {
        "make": "Fiat",
        "model": "Punto",
        "price": 3000,
        "reg": "12 D 1234"
    }
}
```

4. Update

Command: curl -i -H "Content-Type:application/json" -X PUT -d "{\"make\":\"Fiesta\"}" http://localhost:5000/cars/181%20G%201234

Output:

```
λ curl -i -H "Content-Type:application/json" -X PUT -d "{\"make\":\"Fiesta\"}" http://localhost:5000/car
s/181%20G%201234
HTTP/1.0 200 OK
Content-Type: application/json
Content-Length: 110
Server: Werkzeug/0.15.4 Python/3.7.3
Date: Fri, 25 Oct 2019 18:49:16 GMT

{
    "car": {
        "make": "Fiesta",
        "model": "Modeo",
        "price": 18000,
        "reg": "181 G 1234"
    }
}
```

5. Delete

Command: curl -i -X DELETE http://localhost:5000/cars/181%20G%201234 **Output**:

```
λ curl -i -X DELETE http://localhost:5000/cars/181%20G%201234
HTTP/1.0 200 OK
Content-Type: application/json
Content-Length: 21
Server: Werkzeug/0.15.4 Python/3.7.3
Date: Fri, 25 Oct 2019 18:51:38 GMT
{
    "result": true
}
```