

## Dotnet Final Assessment:

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Github repo: <https://github.com/LeonAngelit/FinalDotNetAssessment>

## Database creation query:

We also created a controller to automatically generate de database

```
18 CREATE DATABASE IF NOT EXISTS dotnet_final;
19
20 --
21 -- Table structure for table `claims`
22 --
23
24 DROP TABLE IF EXISTS `claims`;
25 /*!40101 SET @saved_cs_client      = @@character_set_client */;
26 /*!50503 SET character_set_client = utf8mb4 */;
27 CREATE TABLE `claims` (
28   `Id` int NOT NULL AUTO_INCREMENT,
29   `Description` varchar(45) DEFAULT NULL,
30   `Status` varchar(45) DEFAULT NULL,
31   `Date` datetime DEFAULT NULL,
32   `VehicleId` int DEFAULT NULL,
33   PRIMARY KEY (`Id`),
34   KEY `Id_idx` (`VehicleId`),
35   CONSTRAINT `Id` FOREIGN KEY (`VehicleId`) REFERENCES `vehicles` (`Id`) ON DELETE CASCADE ON UPDATE CASCADE
36 ) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
37 /*!40101 SET character_set_client = @saved_cs_client */;
38
```

```
DROP TABLE IF EXISTS `owners`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `owners` (
  `Id` int NOT NULL AUTO_INCREMENT,
  `FirstName` varchar(45) DEFAULT NULL,
  `LastName` varchar(45) DEFAULT NULL,
  `DriverLicense` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`Id`)
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
79 DROP TABLE IF EXISTS `vehicles`;
80 /*!40101 SET @saved_cs_client      = @@character_set_client */;
81 /*!50503 SET character_set_client = utf8mb4 */;
82 CREATE TABLE `vehicles` (
83   `Id` int NOT NULL AUTO_INCREMENT,
84   `Brand` varchar(45) DEFAULT NULL,
85   `Vin` varchar(45) DEFAULT NULL,
86   `Color` varchar(45) DEFAULT NULL,
87   `Year` int DEFAULT NULL,
88   `Owner_Id` int DEFAULT NULL,
89   PRIMARY KEY (`Id`),
90   KEY `owner_idx` (`Owner_Id`),
91   CONSTRAINT `owner` FOREIGN KEY (`Owner_Id`) REFERENCES `owners` (`Id`) ON DELETE CASCADE ON UPDATE CASCADE
92 ) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
93 /*!40101 SET character_set_client = @saved_cs_client */;
94
```

Limit to 1000 rows

```
1 • SELECT * FROM dotnet_final.claims;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

Id	Vehicle_Id	Description	Status	Date
NULL	NULL	NULL	NULL	NULL

owners

Limit to 1000 rows

```
1 • SELECT * FROM dotnet_final.owners;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

Id	FirstName	LastName	DriverLicense
NULL	NULL	NULL	NULL

vehicles

Limit to 1000 rows

```
1 • SELECT * FROM dotnet_final.vehicles;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

Id	Owner_Id	Brand	Vin	Color	Year
NULL	NULL	NULL	NULL	NULL	NULL

## Front-end:

- Owners

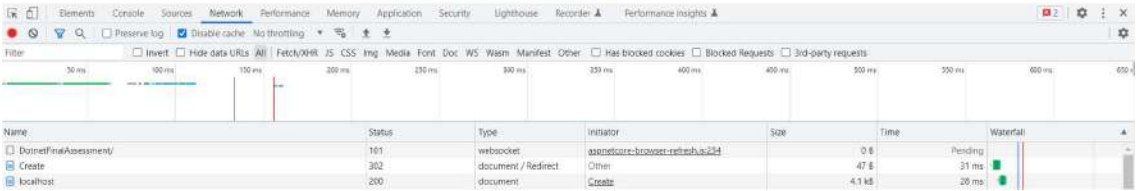
Get:

Dotnet Final Assessment Owners Vehicles Claims

Owners

Create New

First Name	Last Name	Driver License	
Miguel	Cabero	B	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>



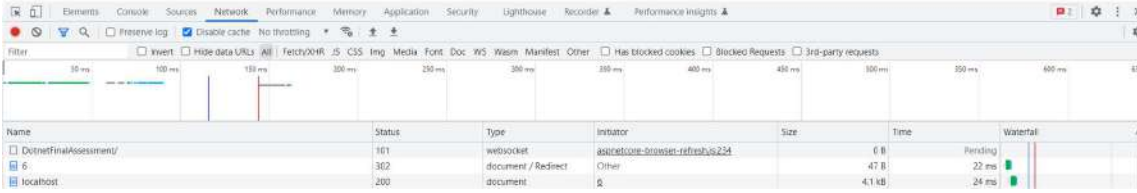
After edit:

Dotnet Final Assessment Owners Vehides Claims

Owners

Create New

First Name	Last Name	Driver License	
Leonardo	Angelit	B	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>



Delete View:

Dotnet Final Assessment Owners Vehicles Claims

Delete

Are you sure you want to delete this?

Owner

First Name	Leonardo
Last Name	Angelit
Driver License	B

[Delete](#) | [Back to list](#)

- Vehicles

Get:

Dotnet Final Assessment Owners Vehicles Claims

## Vehicles

[Create New](#)

Brand	Vin	Color	Year	Owner	
Seat	ag243fv3waf3	Red	2022	Leonardo Angelit	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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Network tab details:

Name	Status	Type	Initiator	Size	Time	Waterfall
DotnetFinalAssessment/	101	websocket	assessores-browser-refresh/v23d	0 B	Pending	
Create	302	document / Redirect	Other	57 B	21 ms	
Vehicles	200	document	Create	4.4 kB	21 ms	

After edit color:

Dotnet Final Assessment Owners Vehicles Claims

## Vehicles

[Create New](#)

Brand	Vin	Color	Year	Owner	
Seat	ag243fv3waf3	Blue	2022	Leonardo Angelit	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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Network tab details:

Name	Status	Type	Initiator	Size	Time	Waterfall
DotnetFinalAssessment/	101	websocket	assessores-browser-refresh/v23d	0 B	Pending	
7	302	document / Redirect	Other	47 B	29 ms	
Vehicles	200	document	Z	4.3 kB	22 ms	

Delete view:

Dotnet Final Assessment Owners Vehicles Claims

## Delete

Are you sure you want to delete this?  
Vehicle

Brand	Seat
Vin	ag243fv3waf3
Color	Blue
Year	2022
Owner	Leonardo Angelit

[Delete](#) [Back to List](#)

Network tab details:

Name	Status	Type	Initiator	Size	Time	Waterfall
DotnetFinalAssessment/	101	websocket	assessores-browser-refresh/v23d	0 B	Pending	
7	302	document / Redirect	Other	47 B	29 ms	
Vehicles	200	document	Z	4.3 kB	22 ms	

- Claims:

Get:

Dotnet Final Assessment Owners Vehicles Claims

## Claims

[Create New](#)

Description	Status	Date	Vehicle	
Tire	-----	18/11/2022 13:59:00	ag243fv3waB	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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After edit:

Dotnet Final Assessment Owners Vehicles Claims

## Claims

[Create New](#)

Description	Status	Date	Vehicle	
Tire	In progress	18/11/2022 13:59:00	ag243fv3waB	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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Delete view:

Dotnet Final Assessment Owners Vehicles Claims

## Delete

Are you sure you want to delete this?

Claim

**Description** Tire

**Status** -----

**Date** 18/11/2022 13:59:00

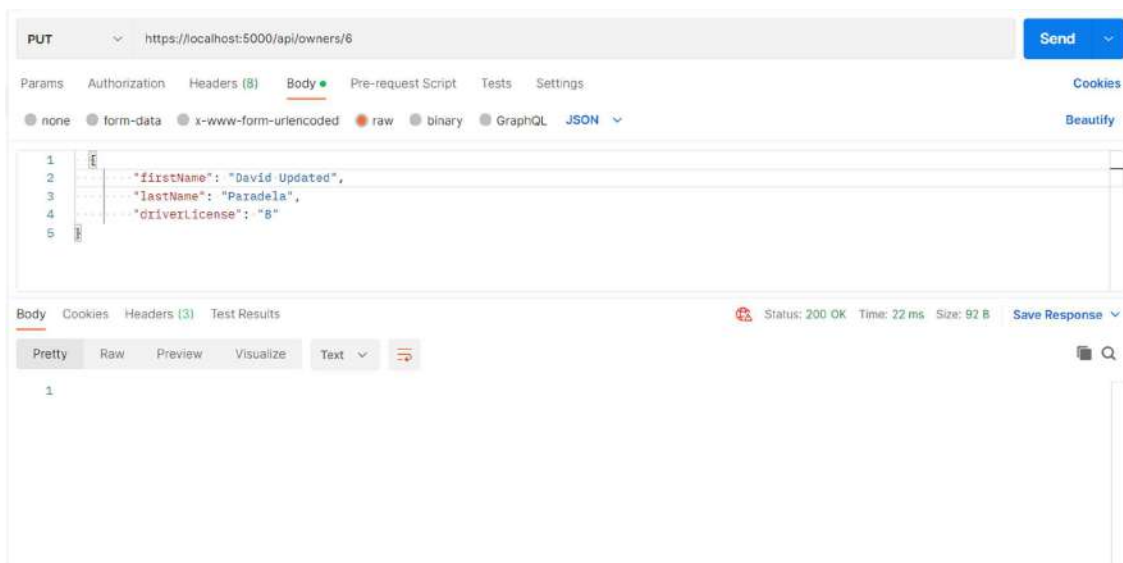
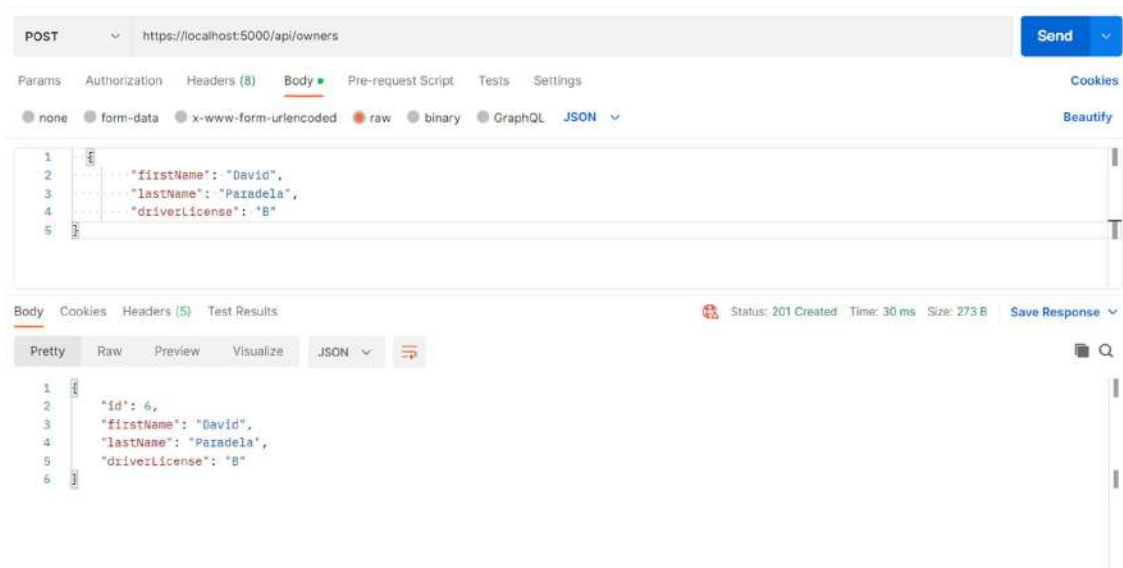
**Vehicle** ag243fv3waB

[Delete](#) [Back to list](#)

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## Postman:

- Owners:



GET https://localhost:5000/api/owners/6 Send

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON Beautify

```
1 {
2   ... "firstName": "David Updated",
3   ... "lastName": "Paradela",
4   ... "driverLicense": "B"
5 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 14 ms Size: 226 B Save Response

Pretty Raw Preview Visualize **JSON** 🔍

```
1 {
2   "id": 6,
3   "firstName": "David Updated",
4   "lastName": "Paradela",
5   "driverLicense": "B"
6 }
```

DELETE https://localhost:5000/api/owners/6 Send

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON Beautify

```
1 {
2   ... "firstName": "David Updated",
3   ... "lastName": "Paradela",
4   ... "driverLicense": "B"
5 }
```

Body Cookies Headers (2) Test Results Status: 204 No Content Time: 28 ms Size: 81 B Save Response

Pretty Raw Preview Visualize **Text** 🔍

```
1
```

- Vehicles:

The screenshot shows a REST client interface with a GET request to `https://localhost:5000/api/vehicles`. The response status is 200 OK. The response body is a JSON array of two vehicle objects.

```
1 [{"id": 1,
2   "brand": "Toyota",
3   "vin": "4189KLV",
4   "color": "White",
5   "year": 2018,
6   "ownerId": 3},
7  {"id": 2,
8   "brand": "Nissan",
9   "vin": "6850DGK",
10  "color": "Grey",
11  "year": 2005,
```

The screenshot also shows a POST request to `https://localhost:5000/api/vehicles` with a status of 201 Created. The response body is a JSON object representing a new vehicle.

```
1 {"id": 4,
2   "brand": "Dacia",
3   "vin": "4589HNL",
4   "color": "White",
5   "year": 2013,
6   "ownerId": 3}
```



PUT ▼ https://localhost:5000/api/vehicles/4 Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON ▼ Beautify

```
1
2
3     "brand": "Dacia Updated",
4     "vin": "4589HNL",
5     "color": "White",
6     "year": 2013,
7     "ownerId": 3
8
```

Body Cookies Headers (3) Test Results Status: 200 OK Time: 29 ms Size: 92 B Save Response ▼

Pretty Raw Preview Visualize Text ▼ ≡

1

GET ▼ https://localhost:5000/api/vehicles/4 Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON ▼ Beautify

```
1
2
3     "brand": "Dacia Updated",
4     "vin": "4589HNL",
5     "color": "White",
6     "year": 2013,
7     "ownerId": 3
8
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 13 ms Size: 236 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1
2     "id": 4,
3     "brand": "Dacia Updated",
4     "vin": "4589HNL",
5     "color": "White",
6     "year": 2013,
7     "ownerId": 3
8
```

DELETE ▼ https://localhost:5000/api/vehicles/4 Send ▼

Params Authorization Headers (6) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☐ JSON ▼ Beautify

```
1
```

Body Cookies Headers (2) Test Results Status: 204 No Content Time: 37 ms Size: 81 B Save Response ▼

Pretty Raw Preview Visualize Text ▼ ≡

1

- Claims:

GET https://localhost:5000/api/claims Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

1

Body Cookies Headers (4) Test Results Status: 200 OK Time: 24 ms Size: 250 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "description": "Hola que tal",
4   "status": "Accepted",
5   "date": "2022-11-18T11:34:00",
6   "vehicleId": 1
7 }
```

POST https://localhost:5000/api/claims Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "description": "New Claim",
3   "status": "In process",
4   "vehicleId": 1
5 }
```

Body Cookies Headers (5) Test Results Status: 201 Created Time: 63 ms Size: 316 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 3,
3   "description": "New Claim",
4   "status": "In process",
5   "date": "2022-11-18T14:32:57.2080676+01:00",
6   "vehicleId": 1
7 }
```

PUT ▼ https://localhost:5000/api/claims/3 Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☒ JSON ▼ Beautify

```
1 {
2   "description": "New Claim Updated",
3   "status": "In process",
4   "vehicleId": 1
5 }
```

Body Cookies Headers (3) Test Results Status: 200 OK Time: 22 ms Size: 92 B Save Response ▼

Pretty Raw Preview Visualize **Text** ▼

```
1
```

GET ▼ https://localhost:5000/api/claims/3 Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☒ JSON ▼ Beautify

```
1 {
2   "description": "New Claim Updated",
3   "status": "In process",
4   "vehicleId": 1
5 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 15 ms Size: 255 B Save Response ▼

Pretty Raw Preview Visualize **JSON** ▼

```
1 {
2   "id": 3,
3   "description": "New claim Updated",
4   "status": "In process",
5   "date": "2022-11-18T14:33:39",
6   "vehicleId": 1
7 }
```

DELETE ▼ https://localhost:5000/api/claims/3 Send ▼

Params Authorization Headers (6) **Body** Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL ☒ JSON ▼ Beautify

```
1
```

Body Cookies Headers (2) Test Results Status: 204 No Content Time: 20 ms Size: 81 B Save Response ▼

Pretty Raw Preview Visualize **Text** ▼

```
1
```

