



4° SPRINT - PORTO: DOMAIN DRIVE DESIGN

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Objetivo e escopo do projeto:

No formato atual, a vistoria da bicicleta é realizada por um humano no ato da realização do seguro, nosso objetivo é automatizar esse serviço, eliminando a necessidade de intervenção humana, atentando-se também a possíveis fraudes. Nosso projeto propõe-se a melhorar o processo de contratação de seguro para bicicletas através de soluções digitais e inteligência artificial, visando a simplicidade, eficiência e diminuição de tempo gasto pelo usuário para a contratação do seguro, além de torná-lo mais intuitivo, reduzindo assim, o ponto de abandono de jornada.

Breve descrição:

O sistema IA Bikes será capaz de realizar cadastro, login do usuário, juntamente a cotação de Seguro e sua respectiva contratação, armazenando todas as informações. O perfil do usuário também estará disponível, junto a uma central de ajuda guiada por um assistente virtual. A realização de todos esses processos não necessitam de intervenção humana. O sistema poderá ser acessado via Web ou por um aplicativo para smartphone.

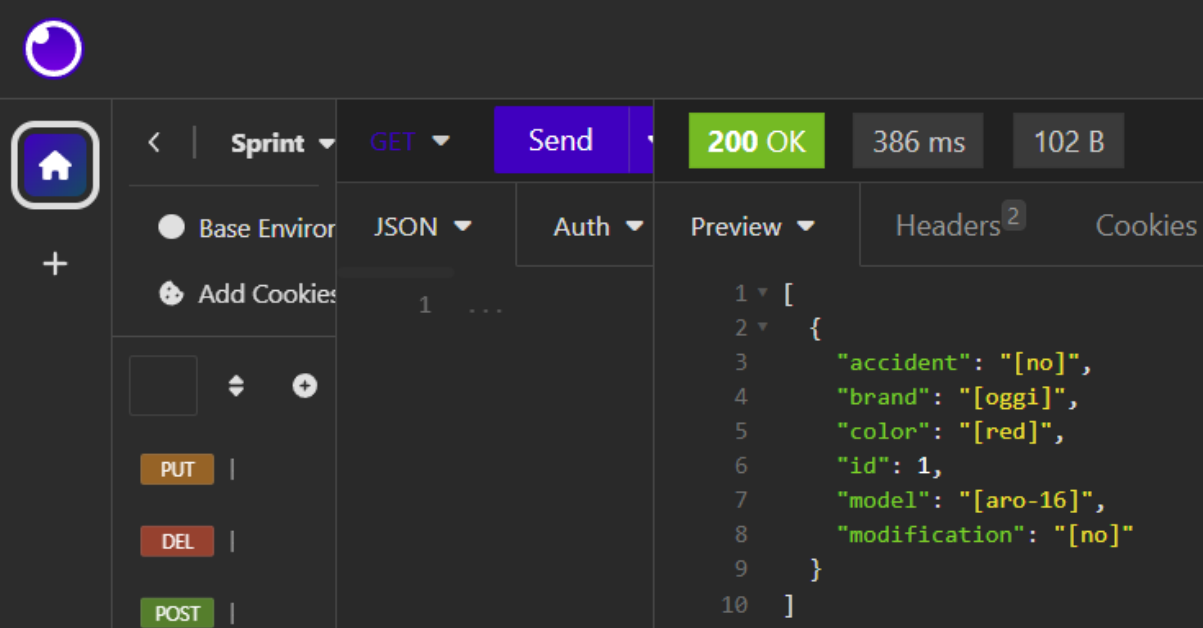
Tabela Endpoints

Bike: <http://localhost:8080/sprint>

Bike FindAll

Insomnia

Application File Edit View Window Tools Help



GET <http://localhost:8080/sprint> Send 200 OK 386 ms 102 B

Base Environment Add Cookies

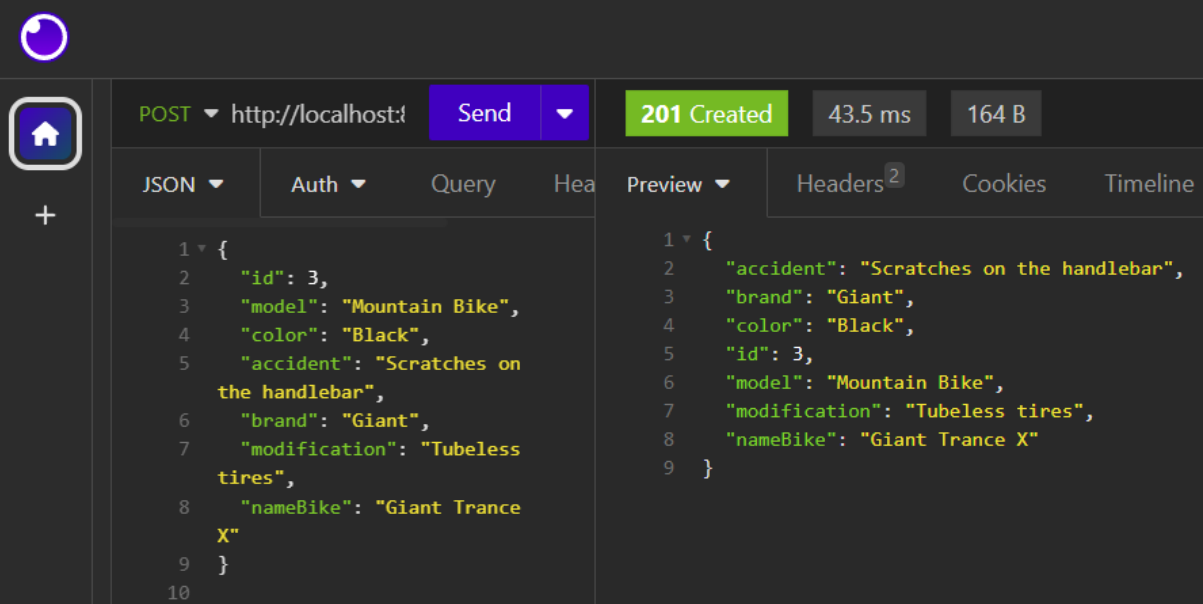
JSON Auth Preview Headers² Cookies

```
1 [
2   {
3     "accident": "[no]",
4     "brand": "[oggi]",
5     "color": "[red]",
6     "id": 1,
7     "model": "[aro-16]",
8     "modification": "[no]"
9   }
10 ]
```

Bike Save

Insomnia

Application File Edit View Window Tools Help



POST <http://localhost:8080/sprint> Send 201 Created 43.5 ms 164 B

JSON Auth Query Headers² Cookies Timeline

```
1 {
2   "id": 3,
3   "model": "Mountain Bike",
4   "color": "Black",
5   "accident": "Scratches on
6   the handlebar",
7   "brand": "Giant",
8   "modification": "Tubeless
9   tires",
10  "nameBike": "Giant Trance
X"
```

Bike Delete

Insomnia

ApplicationFileEditViewWindowToolsHelp

Home

+

Base Environment

Add Cookies

Filter

DEL

New Request

POST

Bike Save

GET

Bike FindAll

Sprint

DELETE

http://localhost:8080

Send

204 No Content

12.5 ms

0 B

Body

Auth

Query

Headers

Preview

Headers

Cookies

T

No body returned for response

Bike Update

Insomnia

ApplicationFileEditViewWindowToolsHelp

Home

+

Base Env

Add Coc

PUT

DEL

POST

GET

PUT

Sprint

POST

Send

201 Created

43.5 ms

164 B

JSON

Auth

Query

Preview

Headers²

Cookies

Timeline

1 {

2 "id": 3,

3 "model": "Mountain

4 Bike",

5 "color": "Black",

6 "accident":

7 "Scratches on the

8 handlebar",

9 "brand": "Giant",

10 "modification":

11 "Tubeless tires",

12 "nameBike": "Giant

13 Trance X"

14 }

15 }

1 {

2 "accident": "Scratches on the handlebar",

3 "brand": "Giant",

4 "color": "Black",

5 "id": 3,

6 "model": "Mountain Bike",

7 "modification": "Tubeless tires",

8 "nameBike": "Giant Trance X"

9 }

Cliente: <http://localhost:8080/sprint1>

Cliente Find All

Insomnia

ApplicationFileEditViewWindowToolsHelp

+

Sprint

Base Environment

Add Cookies

Filter

PUTProtocol Update

DELProtocol Delete

POSTProtocol Save

GETProtocol FindAll

PUTCliente Update

DELCliente Delete

POSTCliente Save

GETCliente FindAll

PUTBike Update

DELBike Delete

POSTBike Save

GETBike FindAll

200 OK7.72 ms580 B

Preview

Headers

Cookies

Timeline

```
1  [
2  {
3      "confirmMail": "joao@example.com",
4      "confirmPass": "password123",
5      "cpf": "123.456.789-00",
6      "id": 1,
7      "mail": "joao@example.com",
8      "name": "João da Silva",
9      "password": "secretpassword",
10     "rg": "1234567"
11 },
12 {
13     "confirmMail": "joao.silva@email.com",
14     "confirmPass": "senhasegura123",
15     "cpf": "123.456.789-00",
16     "id": 2,
17     "mail": "joao.silva@email.com",
18     "name": "João Silva",
19     "password": "minhasenha123",
20     "rg": "1234567"
21 },
22 {
23     "confirmMail": "ana.oliveira@email.com",
24     "confirmPass": "senha123ana",
25     "cpf": "234.567.890-12",
26     "id": 4,
27     "mail": "ana.oliveira@email.com",
28     "name": "Ana Oliveira",
29     "password": "senhasecreta",
30     "rg": "2345678"
31 }
32 ]
```

Cliente Save

Insomnia

ApplicationFileEditViewWindowToolsHelp

Home

+

Base Environment

Add Collection

PUT

DEL

POST

GET

PUT

DEL

POST

POST

http://localhost:3000/api/users

Send

201 Created

71.4 ms

193 B

JSON

Auth

Query

Preview

Headers

Cookies

Timeline

1 {

2 "name": "Ana Oliveira",

3 "cpf": "234.567.890-12",

4 "mail": "ana.oliveira@email.com",

5 "rg": "2345678",

6 "confirmMail": "ana.oliveira@email.com",

7 "confirmPass": "senha123ana",

8 "password": "senhascreta",

9 }

10

1 {

2 "confirmMail": "ana.oliveira@email.com",

3 "confirmPass": "senha123ana",

4 "cpf": "234.567.890-12",

5 "id": 0,

6 "mail": "ana.oliveira@email.com",

7 "name": "Ana Oliveira",

8 "password": "senhascreta",

9 "rg": "2345678"

10 }

Cliente Delete

Insomnia

ApplicationFileEditViewWindowToolsHelp

Home

+

Base Environment

Add Cookies

Filter

DEL

Cliente Delete

POST

Cliente Save

GET

Cliente FindAll

PUT

Bike Update

DEL

Bike Delete

POST

Bike Save

GET

Bike FindAll

DELETE

localhost:8080/sprint1/3

Send

204 No Content

10.3 ms

0 B

Body

Auth

Query

Headers

Preview

Headers

Cookies

No body returned for response

Cliente Update

Insomnia

ApplicationFileEditViewWindowToolsHelp

Home

+

Base Environment

Add Cookies

Filter

DEL

Cliente Delete

POST

Cliente Save

GET

Cliente FindAll

PUT

Bike Update

DEL

Bike Delete

POST

Bike Save

GET

Bike FindAll

PUT

http://localhost:8080/sprint1/3

Send

201 Created

52.7 ms

188 B

JSON

Auth

Query

Preview

Headers

Cookies

Timeline

```
1 {
2   "id": "2",
3   "name": "Ana Santos",
4   "cpf": "111.222.333-44",
5   "mail": "ana.santos@email.com",
6   "rg": "9876543",
7   "confirmMail": "ana.santos@email.com",
8   "confirmPass": "senha123ana",
9   "password": "minhasenha456"
10 }
```

```
1 {
2   "confirmMail": "ana.santos@email.com",
3   "confirmPass": "senha123ana",
4   "cpf": "111.222.333-44",
5   "id": 2,
6   "mail": "ana.santos@email.com",
7   "name": "Ana Santos",
8   "password": "minhasenha456",
9   "rg": "9876543"
10 }
```

Protocol: <http://localhost:8080/sprint2>

Protocol FindAll

Insomnia

ApplicationFileEditViewWindowToolsHelp

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Base Environment

Add Cookies

Filter

PUTProtocol Update

DELProtocol Delete

POSTProtocol Save

GETProtocol FindAll

PUTCliente Update

DELCliente Delete

POSTCliente Create

GET

http://localhost:8080/sprint2

Send

200 OK

348 ms

136 B

Body

Auth

Query

Headers

Preview

Headers²

Cookies

1

[

2

{

3

"aproved": true,

4

"idprotocol": 5,

5

"protocol": 5

6

},

7

{

8

"aproved": true,

9

"idprotocol": 5,

10

"protocol": 5

11

},

12

{

13

"aproved": true,

14

"idprotocol": 5,

15

"protocol": 5

16

}

17

]

Protocol Save

Insomnia

ApplicationFileEditViewWindowToolsHelp

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⌕

+

Base Environment

Add Cookies

Filter

PUTProtocol Update

DELProtocol Delete

POSTProtocol Save

GETProtocol FindAll

POST

http://localhost:8080/sprint2

Send

201 Created

390 ms

44 B

JSON

Auth

Query

Headers

Preview

Headers²

Cookies

1

{

2

"idprotocol": 3,

3

"aproved": true

4

}

5

1

{

2

"aproved": true,

3

"idprotocol": 3,

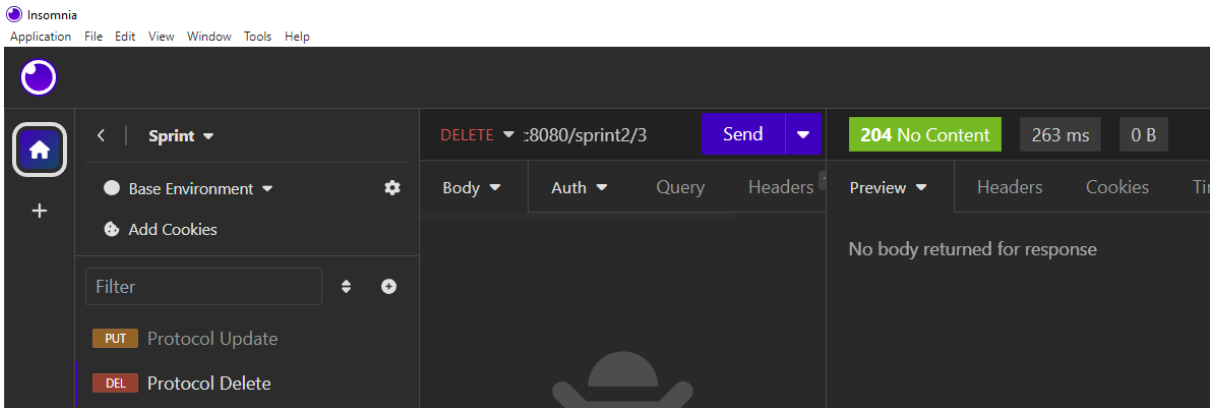
4

"protocol": 3

5

}

Protocol Delete



Protocol Update

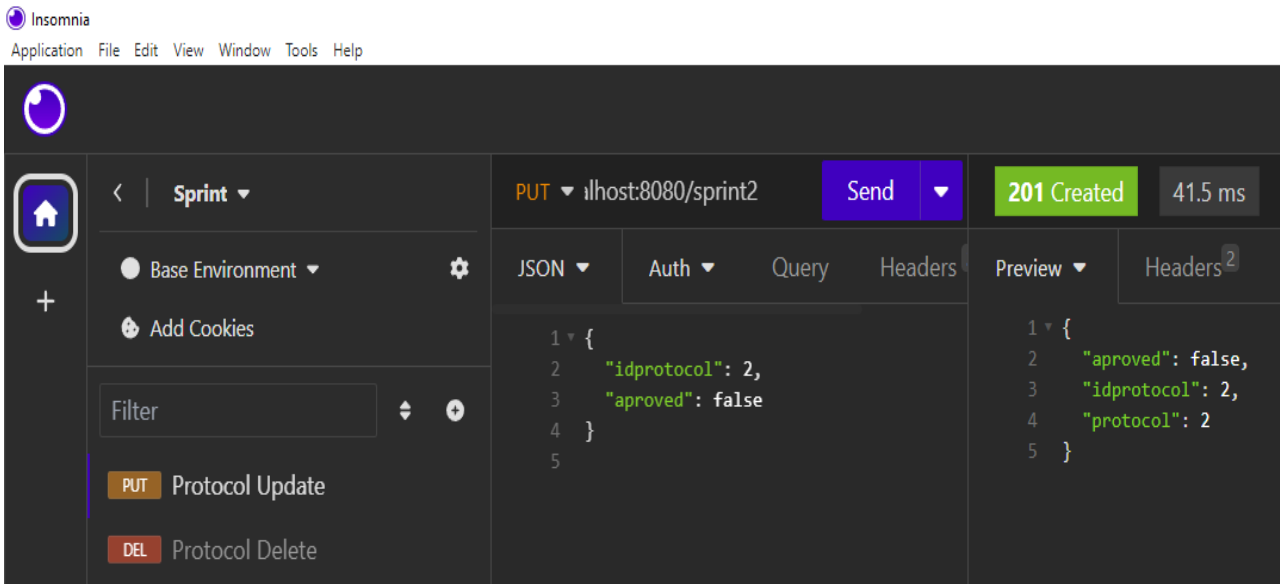


Diagrama de classes

