

Dokumentacja – backend

Restowe API dla aplikacji wypożyczalni samochodowej. Użyte technologie to: Spring, Mockito, MySQL.

Baza danych: sql11.freemysqlhosting.net/sql11214008

Dostępne endpointy

Method	Mapping	Return
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User Controller

POST	/login	void
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```
@RequestBody – {  
    'login': 'String',  
    'password': 'String'  
}
```

POST	/users/signup	boolean
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```
@RequestBody - AppUser
```

GET	/users/getid/{username}	Long
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```
@PathVariable - String
```

Car Controller

GET	/cars	List<Car>
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GET	/cars/available	List<Car>
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GET	/cars/id/{id}	Car
------------	---------------	-----

```
@PathVariable - Long
```

GET	/cars/brand/{brand}	List<Car>
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```
@PathVariable - String
```

GET /cars/model/{model} List<Car>
@PathVariable - String

GET /cars/type/{type} List<Car>
@PathVariable - String

GET /cars/power/{power} List<Car>
@PathVariable - String

GET /cars/price/{price} List<Car>
@PathVariable - String

PUT /cars void
@RequestBody – Car

POST /cars void
@RequestBody - Car

DELETE /cars/{id} void
@PathVariable - Long

POST /cars/location List<Car>
@RequestBody - Localization

POST /cars/location/update List<Car>
@RequestBody - Map<String, Object>

Reservation Controller

GET /reservations List<Reservation>

GET /reservations/id/{id} Reservation

@PathVariable – Long

GET /reservations/user/{userId} List<Reservation>

@PathVariable – Long

GET /reservations/car/{carId} List<Reservation>

@PathVariable – Long

PUT /reservations void

@RequestBody - Reservation

POST /reservations void

@RequestBody - Reservation

DELETE /reservations/{id} void

@PathVariable - Long

GET /reservations/car/{car_id}/start/{start}/end/{end} List<Date>

@PathVariable - Long

POST /reservations/start void

@RequestBody - Reservation

POST /reservations/end void

@RequestBody - Reservation

Klasy Entity

Car

```
{  
    'id': 'Long',  
    'brandName': 'String',  
    'modelName': 'String',  
    'typeName': 'String',  
    'power': 'String',  
    'price': 'BigDecimal',  
    'localization': {  
        'latitude': 'Double',  
        'longitude': 'Double'  
    },  
    'url': 'String',  
    'isBooked': 'boolean'  
}
```

Localization

```
{  
    'latitude': 'Double',  
    'longitude': 'Double'  
}
```

AppUser

```
{  
    'id': 'Long',  
    'login': 'String',  
    'password': 'String',  
    'isSuperUser': 'boolean'  
}
```

Reservation

```
{  
  'id': 'Long',  
  'userId': 'Long',  
  'carId': 'Long',  
  'startDate': 'Date',  
  'endDate': 'Date',  
  'price': 'BigDecimal'  
}
```