**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**

**User Controller**

**POST** /login void

@RequestBody – {

‘login’: ’String’,

‘password’: ‘String’

}

**POST** /users/signup boolean

@RequestBody - AppUser

**GET** /users/getid/{username} Long

@PathVariable - String

**Car Controller**

**GET** /cars List<Car>

**GET** /cars/available List<Car>

**GET** /cars/id/{id} Car

@PathVariable - Long

**GET** /cars/brand/{brand} List<Car>

@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’

}