







# AUTHORIZATION

## USER

- email : String
- login : String
- password : String
- driver\_licence : Date
- N°\_driver\_licence : String
- firstname : String
- lastname : String
- phone\_number : Short
- birthday : Date
- rating : Byte
- role : String

- + verify\_user (String email, String password) : Boolean
- + validate\_user (String email, String login, String password) : Boolean
- + register\_user (USER user) : Boolean

## ROLE

- role : String
- description : String

# SERVER

## Database

- + get\_user (String email, String role) : USER
- + get\_users\_list (Dict Filters) : list<USER>
- + get\_application (String N°\_Engine, String N°\_body) : APPLICATION
- + get\_applications\_list (Dict Filters) : list<APPLICATION>
- + get\_reserver\_car (String email) : list<APPLICATION>
- + update\_user (user user) : USER
- + delete\_user (String email) : boolean
- + update\_application (APPLICATION application) : APPLICATION
- + delete\_application (String N°\_Engine, String N°\_body) : boolean
- + delete\_reserved\_car (int contract\_number) : boolean
- + get\_comment (Date comment\_date) : COMMENT
- + get\_comments\_list (String email) : list<COMMENT>
- + delete\_comment (Date comment\_date) : boolean

get\_user

update\_user

delete\_user

USER\_instance

APPLICATION\_instance

## COMMENT

### COMMENT

- comment\_date : Date
- comment\_text : String

delete\_comment

get\_comment

## BOOKING

### ELECTRONIC\_CONTRACT

- APP\_role : String
- APP\_email : String
- N°\_Engine : String
- N°\_body : String
- contract\_number : int
- start\_date : Date
- finish\_date : Date
- meeting\_point : String

- + make\_reservation (String email, String APP\_email, String N°\_Engine, String N°\_body) : boolean

ELECTRONIC\_CONTRACT\_instance

get\_reserved\_car

delete\_reserver\_car

# CAR

## PHOTOS

- photo\_name : String
- photo : Image

## STATE

- state\_name : String
- state\_description : String
- scale : Short

## APPLICATION

- email : String
- N°\_Engine : String
- N°\_body : String
- application\_status : Short
- car\_brand : String
- car\_model : String
- car\_year : Date
- last\_technical\_inspection : Date
- price\_per\_day : Float
- set\_car\_photo () : boolean

get\_application

update\_application

delete\_application

## Authorization









