Documentation

As user:

This application helps two kinds of people:

-Car owner:

This application is an easy way to find the best deal to your car. At first, register in this app by “sign up” choice in the header of the homepage. After that you can upload your car photo and description by press the “add” choice in the homepage. Then your announcement will be on our app and customers can see it and contact with you by your email and phone.

- Customer:

This app helps you find your suitable car according to your limitations. You can see all the cars we have in the app homepage and display the owner information to contact with him. The easy way to find your target is the “filter” on the left of app homepage. You can fill your limitations and it will give you the specific cars that have the entered properties.
We have a page for sale Accessories for cars, anyone can inter this page and see the advertisements with full information.
Also we have a Chat-Room to let customers connect with car owners to have more information about the advertisements.

As developer:

We welcome you in this app and hope to enjoy working with us.
-Main information:
This app is programmed by using:

a. For back-end: Express.

b. For front-end: Angularjs.
c. For database: Mongoose.
d. For design: Bootstrap.

The homepage is the main part of the app. It has many **components**, **sign up**, **log in**, **filter**, Car-Accessories, Chat-Room and all **cars** in our database. Also after you log in, you will have **log out** and **add** components. Each component has two files in "**client**" folder; the 'html' file in "*templates*" folder and the 'js' file in *components* folder. Also you will find in the *client* folder, '***headbar***' file which role is display the components on the homepage and '***show***' file which add each new added car on the homepage.

This app has two types of information that the user can insert. *The first one* is the inserted information to make new account in "**sign up**" which include *username*, *password*, *phone* and *email*. This information is saved in the **database** which is named as **db** file in the *db* folder. Then when the user **signs in**, the server will check its *username* and *password* information to be identical to the saved one in the database. *The other type* of inserted information is the car properties; which is *image*, *type*, *color*, *price*, *owner name* and his *phone number*. Which is saved in other database file '**carDB.js**' in *db* folder.

In the **server** part, definitely, it has two actions, *get* and *post*. **Sign up**, **log in** and **add** uses *post request*. On the other hand, display **car** and **log out** uses *get request*. In the l**og in**, it is made with sessions and hashing as default for security and easy use.

Dependencies: To make this app we need to install:
Bcrypt-nodejs, express, express-fileupload, express-session, live server, nodemon, mongoose, multer and path.