

README

app created by Aram Hernandez

HOW TO RUN THE APP

- Make sure you are running an instance of mysql on your device
 - Preferably you will have WAMP or XAMP server installed to make it easier to run
- open phpmyadmin and create a database named "modo_app"
- go back to the laravel app and under the .env file make sure to change the DB_USERNAME & DB_PASSWORD variables to your own mysql settings.
- once the you have these setup, run the following commands:

//This command will create the tables and fields needed

php artisan migrate:fresh

//this command will populate the database using the csv files

//provided to me

php artisan seed

- -Run **php artisan serve** to run Laravel and in a different terminal run
npm run watch for React.js

- For page testing use the following user:

EMAIL: aram@test.com

*PASSWORD: aram234**()_-*

- This is user is stored on the modo-app/database/Database - Users Table.csv

HOW DOES THE APP WORK:

The application makes use of Laravel as the back-end and React.js as front end.

What I tried to achieve was to make the app with minimum modification to the files provided to me. The Csv files are imported into the database using the *maatwebsite's* library, which allows me to read the csv and store the files on the database to make sure this runs, I made use of the Laravel's seeders to populate the database.

The app also provides an authentication method by using sessions and a sha256 algorithm, the way it works is:

Once the user clicks on the login button on the front-end, the function sha256 will be called from react and will hash the contents of the password field, that way when they are sent to the server, the contents are not visible in plain text through the network.

Then the backend will check if the email exists in the database and if so, it will check if the hashed password matches the one stored in the database and will return a response to react which will then convert into a session in order to access to the vehicles page.

On the display page you will be able to see the cars which were previously imported from the csv file to the database.

Paths

- / => This is the login screen of the app
- /display => display screen

Captures

Aram Hernandez Software test

E-mail

Password

Login

Aram Hernandez Software test

All vehicles

1

honda civic 2009

Color: silver

Location: Downtown Vancouver
- Modo Office

2

ford focus 2015

Color: navy

Location: Burnaby - Metrotown
Towers

3

**chevrolet silverado
2013**

Color: black

Location: Downtown Vancouver
- Modo Office

4

x x 0

Color: lolo

Location: Downtown Vancouver
- Modo Office

Aram Hernandez Software test

All vehicles

You are currently not logged so you cannot access this page