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Initial commit

David Liebana authored 3 weeks ago

33275268

README

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Name	Last commit	Last update
assets	Initial commit	3 weeks ago
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readme.md

Knowledge Frontend Test

Welcome to the Wallbox Knowledge Test for Front-end developers!

Getting started

This test is here to let you show us your amazing front-end engineering skills. The task? Build interactions and a layout of a common web-app using modern front-end technologies. At Wallbox we work with a progressive javascript framework called Vue.js The task will be to implement a charger list and charger detail with a responsive design.

Minimum Goals

- Create an application with Vue3 using the backend a mockups provided.
- Consider not to use any CSS framework, so we can evaluate your css skills.
- Consider not to use the solutions provided by the JSON server for filtering and paginating the elements, doing this filtering at the frontend lets us evaluate your javascript skills.
- The application will be tested using the same algorithm provided to test the resilience of the platform.
- You have an assets folder, you can use that and any icons you consider.

What will we value most?

- The quality of the layout and user interactions.
- Clean code, best practices, and app structure.
- Tested code (Unit test, E2E)
- Responsive design.
- Data structures, methods, and algorithms.
- App performance.
- Documented code (Storybook)

Frontend

To build the user interface you should use the latest version of the Vue.js framework:

- vue.js (<https://v3.vuejs.org/>)

Configure your default setup and add all the dependencies that you may need.

Backend

You have a [swagger](#) with all the information. Also we provide raw documentation with the same information

```
backend/api_documentation.html
```

to serve the backend:

Dataset Just a few chargers

```
npx json-server backend/dataset/db.json
```

Dataset of 1000 chargers

```
npx json-server backend/dataset/db_long.json
```

Random generated Dataset

```
npx json-server backend/dataset/random-db.js
```

Enums and units

charger status

- 10, 11 - ready
- 20 - charging
- 60, 61, 62, 53, 45, 55 - error

charger types

- Cooper
- Commander
- Pulsar

connectivityType

- ethernet
- wifi

chargingTime

- milliseconds

currentCharging

- Amps

energySupplied

- KiloWatts

manufacturedDate

- ISO Date

Design

The design is important and it's something that we take very seriously at Wallbox. You have a [high-fidelity wireframes](#) with figma or some captures in the design folder in which you can see the layout of the application. You can use a modern UI widget or component toolkits. Consider not to use any CSS framework, so we can evaluate your CSS skills.

How to submit your test

Just push all your changes to this repository