

Carlito car dealership website

Description

This is a simple demo car dealership website with 100 available vehicles.

It is built using Vue.js and Nuxt.js on the front-end and Java 17 and Spring Boot on the backend.

Task

Add following functionality to the website with a link homework.longo.lv:

1. Add pagination
2. Add possibility to sort cars by price and by mileage
3. Add possibility to filter by country and vat status
4. Add car reservation functionality

Reservation should not be available for the following cars:

- cars which are already reserved or there is reservation in progress
- non-LV cars (country field in vehicle model) with vatStatus MARGINAL_VAT

Reservation process consists of 2 steps:

- Personal information step - client needs to enter following information - name, email, phone number
- Confirmation step - client should be able to see relevant costs and confirm reservation.

Reservation costs

- For LV cars:
 - o cars with vat status FULL_VAT - 99 EUR
 - o cars with vat status MARGINAL_VAT - 2% of vehicle price
- For non-LV cars:
 - o reservation fee:
 - for LT - 100 EUR

- for EE - 1.5% of vehicle price
- Delivery fee:
 - for LT - 95 EUR
 - for EE - 105 EUR

Other requirements:

- If client do not confirm reservation in 15 minutes system cancels reservation
- One client can reserve only 2 cars
- System shouldn't allow too many (7) applications from one IP in 24 hours
- Reserved cars should have some kind of marker on the catalog page