

Next.js - Dynamic routes, data fetching

Introduction

In this report, we will explain how we made this task. Here is the table of contents for easier navigation.

[Introduction](#)

[Motivation](#)

[Technical Part](#)

[Fixed design](#)

[Additions](#)

[Before vs After](#)

[Before](#)

[After](#)

[Conclusion](#)

Motivation

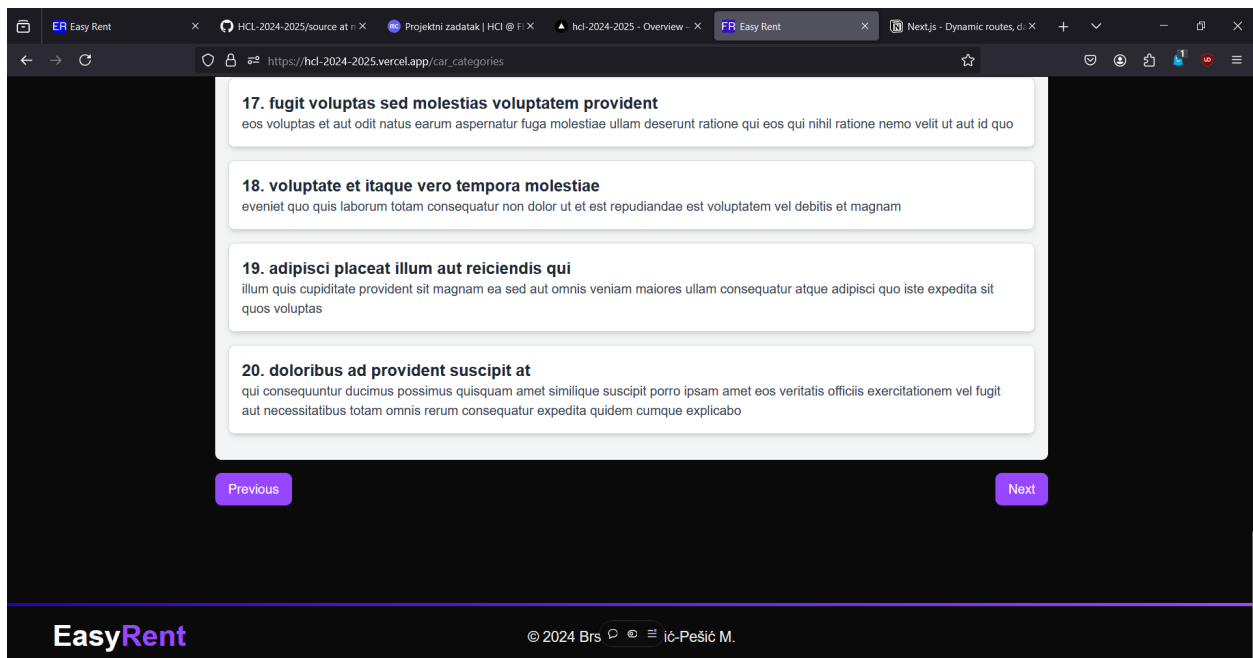
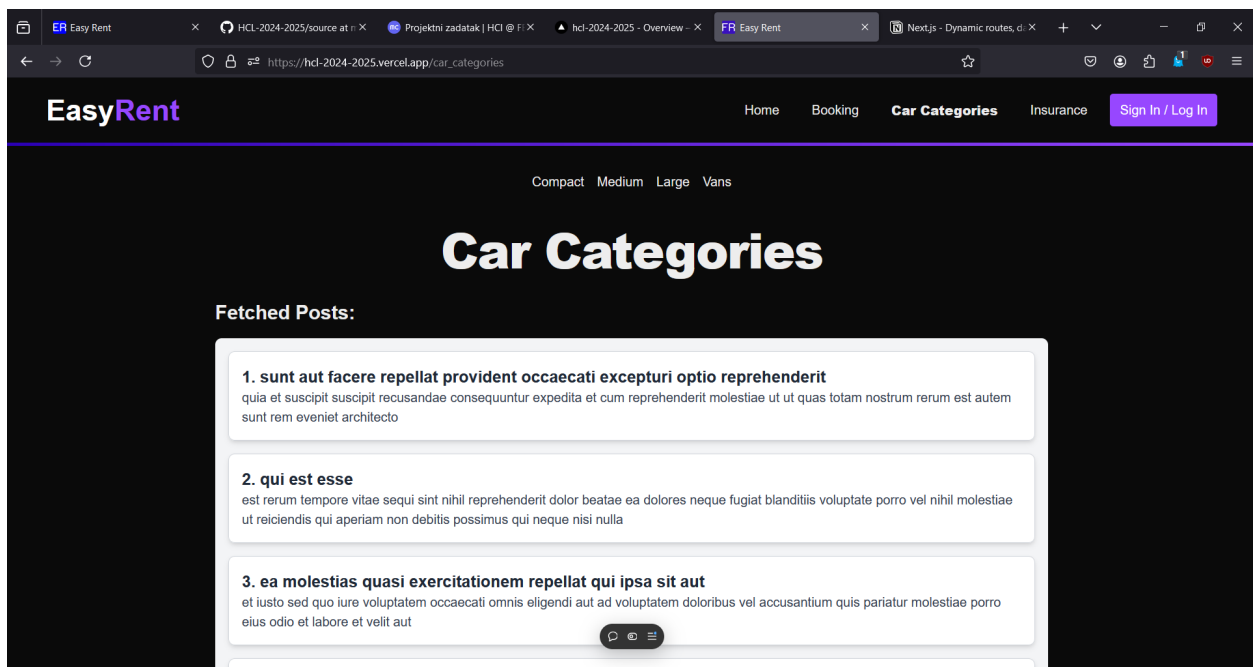
Not every time, more like 99% of the time, you will have a database (DB) from now on, that you will NEED to have in order to get your data onto a website. Also, when users are signing in or making local changes, we need to store that somewhere. That is why you need a DB.

Technical Part

We used [Car Categories Page](#) for this part of the exercise. We will use this page later on to fetch our custom data of the cars. We will also do sorting, searching and all of the other task requirements. Steps of the implementation:

1. Create fetchData function
2. Parse data
3. Display data
4. Pagination

This is all technical stuff, You can see it all on [Github](#). Here is the image of fetched data and pagination:




If You want to see production version here is the link:

<https://hcl-2024-2025.vercel.app/>

Or if You want to see just the pagination, here is a direct link:

Easy Rent

Your car is but a few clicks away

 https://hcl-2024-2025.vercel.app/car_categories

Fixed design

On our last meeting, we discovered some issues. We used this time to fix those issues. Some of them were:

- Title too big and distracting
- Navigation spacing and number of navitems
- Removed distracting Home Page text
- Call-to-action button made more important
- Removed unnecessary text from insurance tag
- Reviews design fixed
- Information area redesigned

Additions

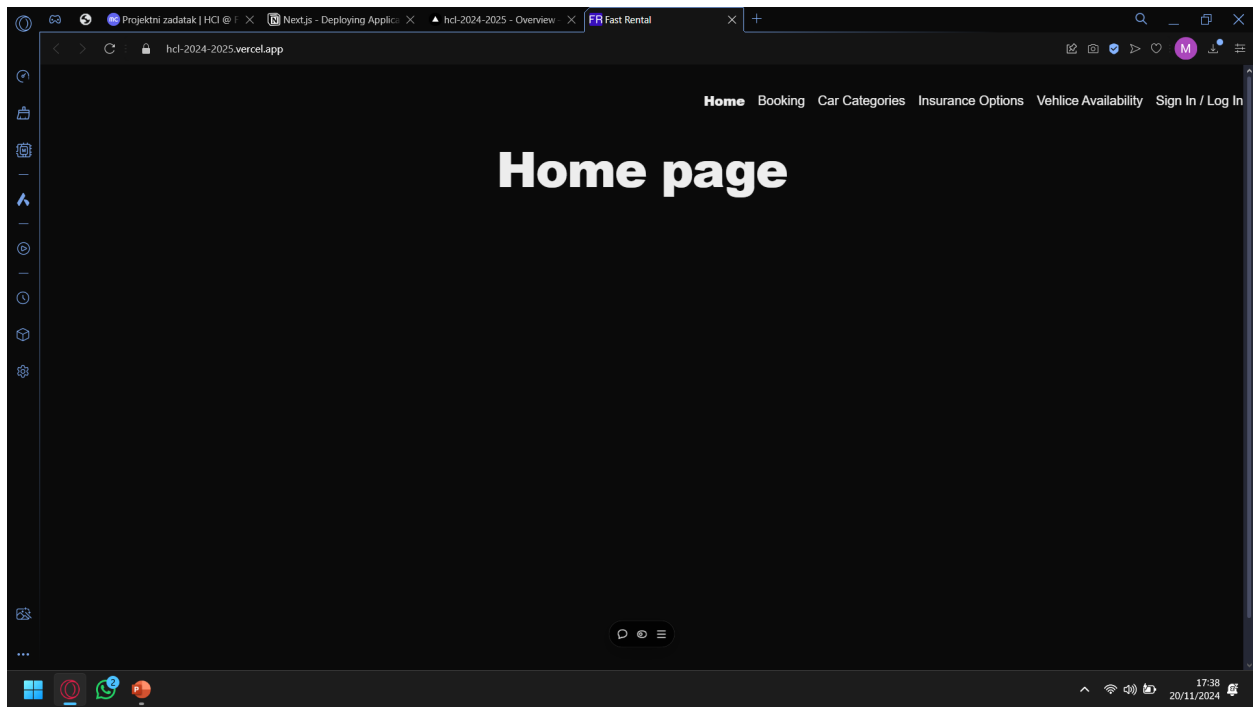
We also made some additions as well, for example we made:

- Footer as separate component
- Car categories as data fetching site
- Booking page
- ...

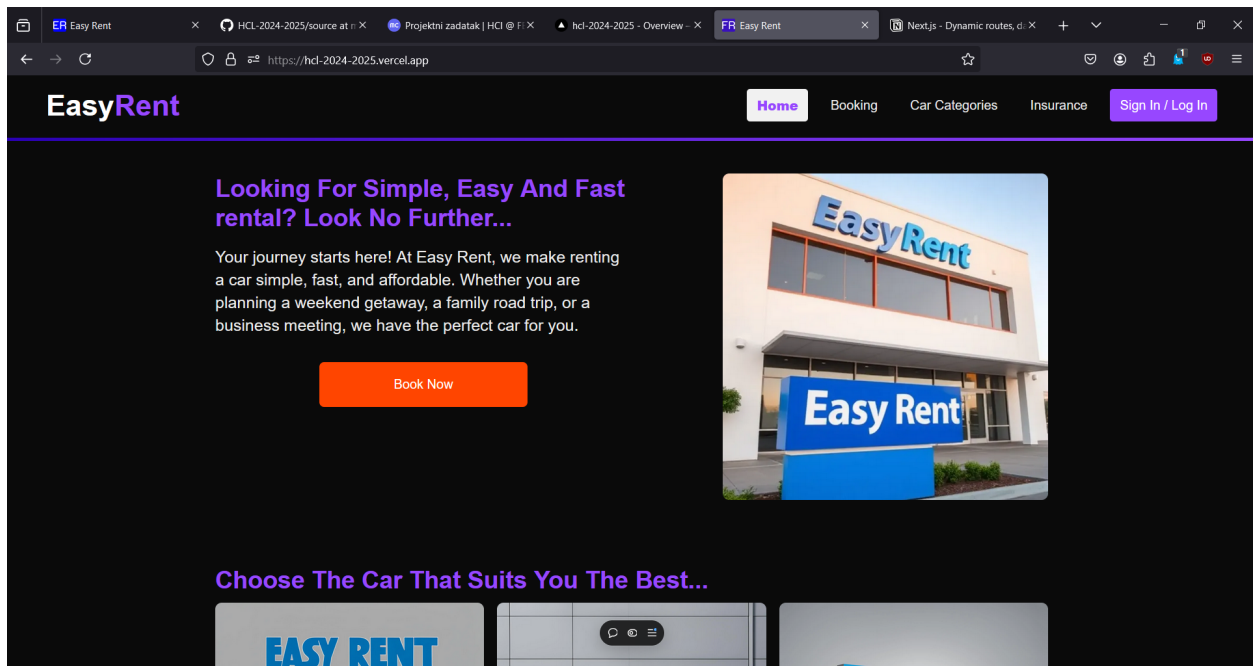
Before vs After

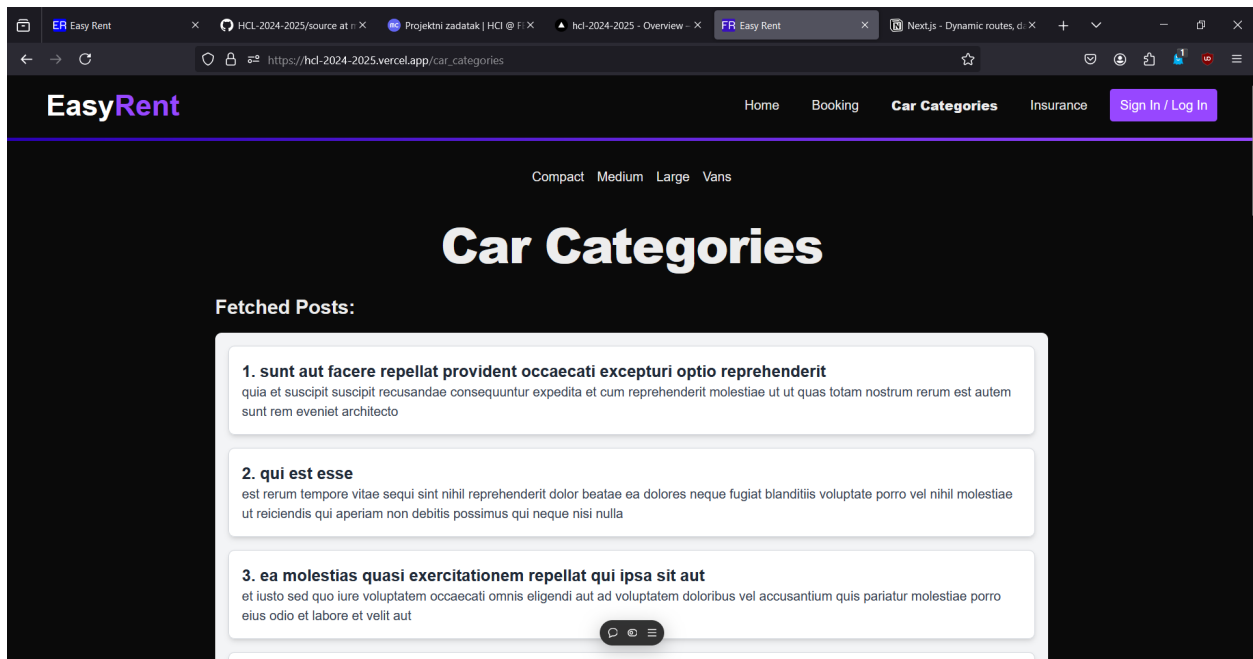
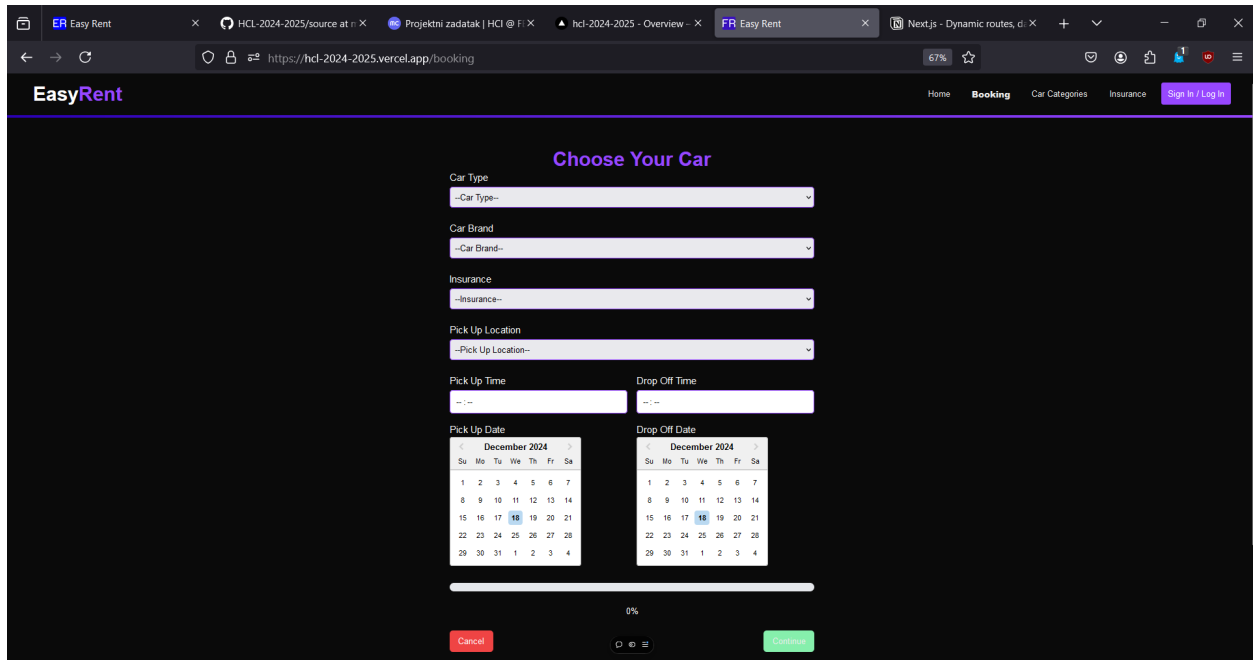
After we made all of those modifications, we can compare pages from previous task and this task.

Before



After





Conclusion

We made a lot of progress, but it is only the beginning of the successful web application. In the future tasks, we will try to improve on our design and our skills.