

# Next.js - Deploying Application

## Introduction

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

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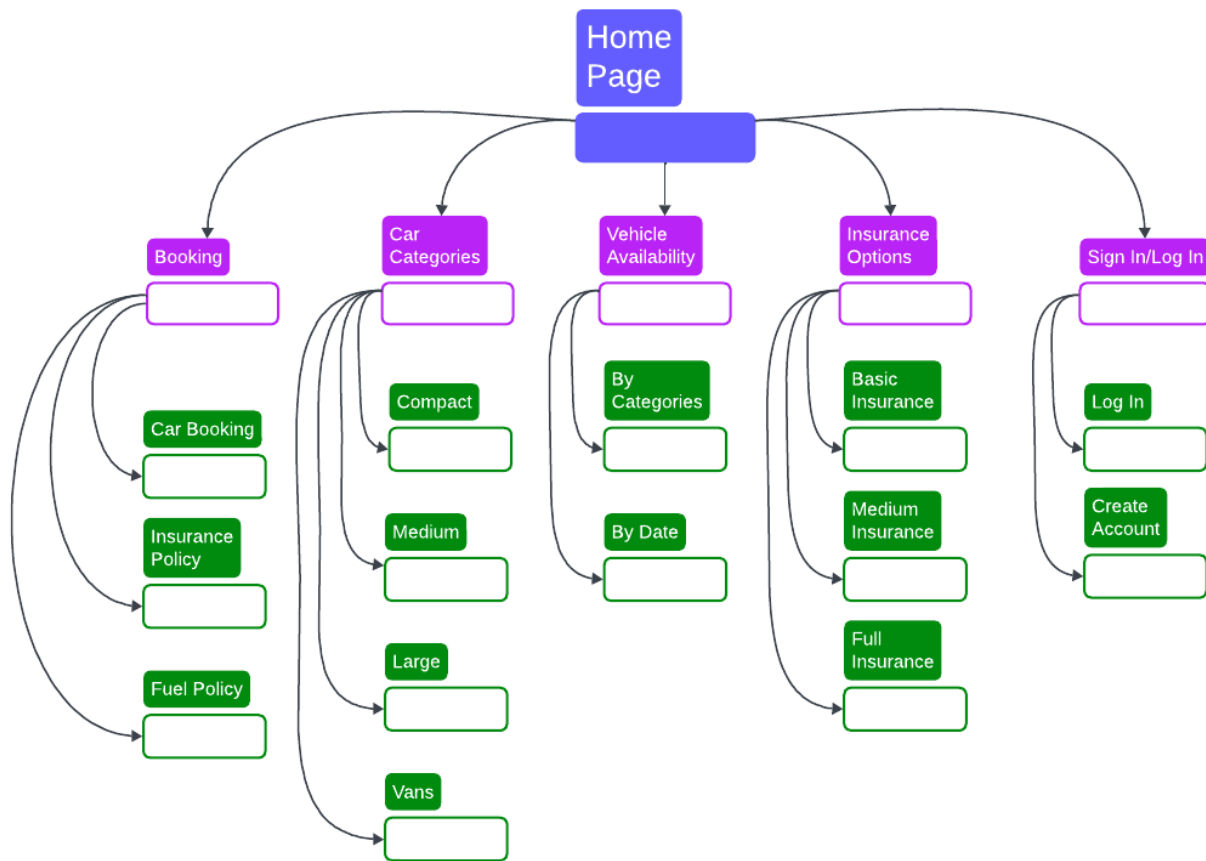
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## Motivation

To achieve the best user experience, your web application must be designed thoughtfully. Throughout this exercise, we will strive to accomplish this goal. Remember that users will spend most of their time on other people's pages, so it's important to create something familiar and proven to work, rather than reinventing the wheel. That's the way we will try to design the page-

## Sitemap and establishing routes

If you need a reminder, here is a sitemap we created in last exercise:



In our main navigation bar we will have 6 options/navigation items:

1. Home
2. Booking
3. Car Categories
4. Vehicle Availability
5. Insurance Options
6. Sign In/Log In

According to the sitemap, we will also create navigation for each main navigation item, so for example in Car Categories we will have:

1. Compact
2. Medium
3. Large

#### 4. Vans

If later on we figure out these names are not the most brilliant thing ever we will change those.

### Establishing routes

Now for the technical bit, we create in each folder of main navbar items these folders

- `_components`
- sub navigation items folders
- `layout.tsx`

In `_components` we make `navigation.tsx` in which we just write down paths for that navigation items. In sub navigation folders we just put the title of the page for now since we will have task just about that and we use `layout.tsx` just to import and display corresponding navigation.

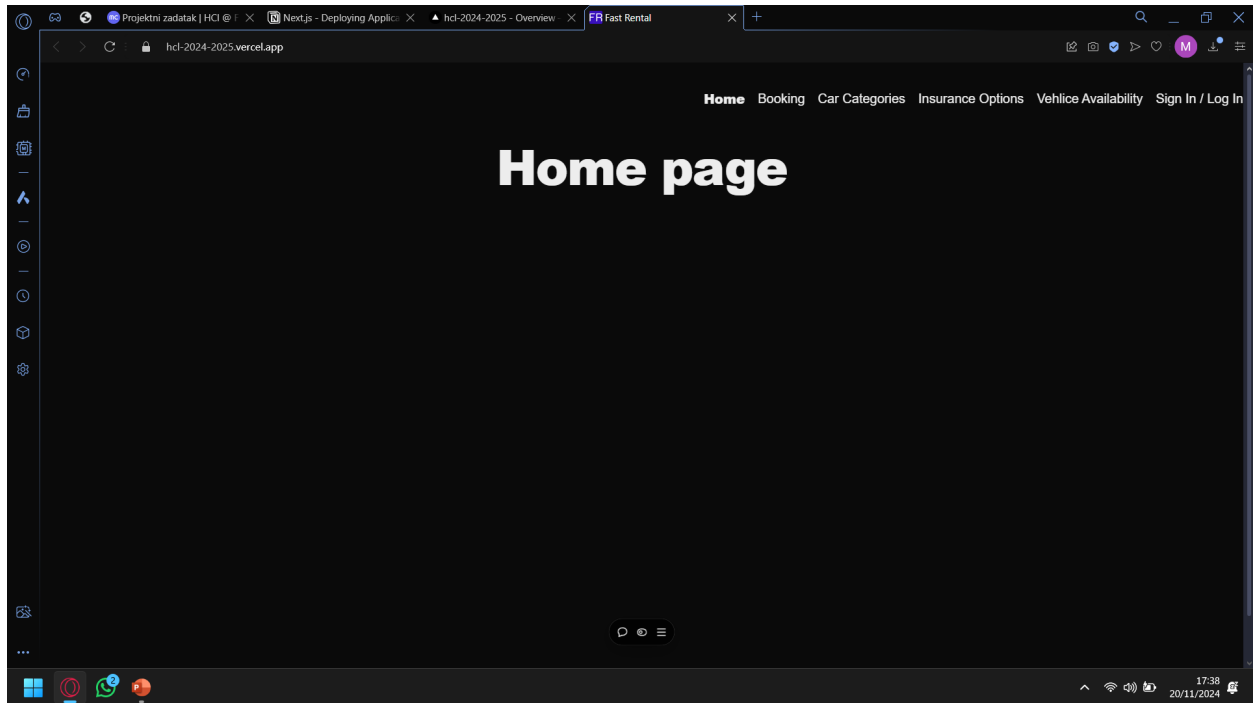
### Deploying

One of the requirements of this assignment is also to deploy the application. For that we will use [Vercel](#). It's very simple to do that part since Vercel takes care off basically everything. First you give him permission to use your git repo and then show him Next.js folder in your repo. And that's it, Vercel has deployed your page.

If you want to visit our page Fast Rental, the link is [here](#).

### Final Product, so far...

Here is image that shows how our page is looking thus far:



Let's hope it will look much better than this, but for now it will do, after exams we will put a little bit more work into it.

## Conclusion

In this short report, we covered what we have done to make the user experience better because no one will wait more than a few seconds to access certain features of your page. The next task is creating low and high fidelity prototypes, in which we will do our best to create a good-looking and user-friendly web application.