



Noroff

School of technology
and digital media

Technical Report

Project Exam 2

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Word count

623



1. Body

1.1. Introduction

I chose the real world client project and developed a website including separate administration panel for a newly established small hotel up in the north of Norway. The main website is made with Nextjs and Chakra UI and deployed on Vercel. The administration panel was also made with Nextjs and Chakra UI and deployed on Vercel. I used Strapi for the backend which I deployed on heroku and made use of postgresql.

1.2. Main section of report

The design process was quite easy since I had learned how to use Adobe Xd well after using it now at Noroff but also privately for personal projects. The client was very straightforward with what the website should include in terms of content and pages. I made sure that all the colours have enough contrast to allow better readability.

The most difficult aspect of the designing process was perhaps to capture the idea of the client of what the website should look like. I showed the client different hotel websites and tried to lead him through a list of questions. At week 3 I had done a lot of changes to the original design which made it a bit incomplete in terms of content. I still struggle with creating prototypes that are accurate in screen size, fonts tend to become too big.



Nextjs (or React) and Chakra UI have made development of entire projects much easier and efficient and it has almost a magic feeling to it. I created a lot of components to make everything more re-usable and easy to change or develop further later on. I added a light and dark mode option in the navigation menu to give users a theme option. The administration panel is technically a separate Nextjs project and has different components from the main website. The administrator can edit the entire text and link content of most pages. It is possible to add posts, activities and rentals, as well as deleting them. After this project is graded I will work on improving security and adding more managing options for the client. The project is responsive across all devices and browsers and was developed with the “mobile first” approach in mind.

I had a lot of issues with formatting, but learned to make use of the VSCode extension “Prettier”. The biggest frustration I had on this project were by far permissions issues. I used Strapi v4 which was an entire learning process by itself to find out how the API worked. I spend a lot of hours trying to figure out why I couldn’t fetch data only to find out that I had simply forgotten to “publish” a content type.

I had some problems with certain functionality and styling on Safari, so I had to adapt a lot of portions of some components to make it compatible.



1.3. Conclusion

In conclusion this project has by far been the most complex one in my journey of becoming a front end developer and although there were a lot of times of frustration of finding bugs and errors or reasons why the variable is still undefined, I was very humbled to finally see my biggest project to date running. I learned that the job of a front end developer can be quite heavy in CRUD operations throughout. Overall the client is satisfied with the design and is looking forward on filling out the website with his own content after the grading process is done.



2. References

- Color choices (<https://color.adobe.com>)
- Pictures from (<https://unsplash.com>)
- Icons from Chakra UI and the React Icons library

3. Acknowledgements

- Components from Chakra UI components, Chakra UI templates and Choc UI
- Inspiration from Fourseasons Hotel and Ice Hotel
- Traversy Media on Youtube
- The Net Ninja on Youtube



4. Appendices

- CTrello board
- Adobe Xd prototype
- Strapi API: <https://arcticinn-backend.herokuapp.com>
- Main website: <https://arcticinn-frontend.vercel.app>
- Admin site: <https://arcticinn-housekeeping.vercel.app/login>

Admin login details:

Username: admin

Email: admin@admin.com

Password: Pass1234

