

# Project exam 2020 - Hotel booking site

Report - Mona Ødegård

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## Project exam - Assignment summary

Option one - Make a site for a real world client.

I chose option number two.

Option two - Hotel booking site:

Since there won't be real clients and the page won't access any company data, some of the code is made to simulate the same effect. Other is connected to an API we were given, since we have personal key it is only my data that were posted to it. To and from the API I can POST and fetch details.

Requirements for the website is:

Visitor side:

- Homepage
- Search bar typeahead
- Hotel results page with all hotels
- Hotel specific page
- Enquiry page
- Contact page

Admin side:

- Simulated login
- List of enquiries
- List of contact messages
- Create new establishment

## Planning and design

Week 2 delivery:

In the first two weeks I made a gantt chart, functional specification document, style guide and AdobeXD prototype. I fell somewhat behind due to a two week period during the end of the planning period and the beginning of the coding periode. I managed to deliver the week to delivery on time, but the time pressure unfortunately followed me onwards in the process.

## Design:

I feel that the design I deliver today is not far from the prototype. After feedback from another student I tried to make the contrast on the buttons better than it originally was. But I still tried to avoid blue on orange so colorblind users still are able to see the text.

Blue and orange is contrast colors and I feel that these two were a good combination. The blue can represent the sea and heaven, while the orange can represent the sunset. I did not use a lot of experimenting with font weight, I feel that the fontweight in the Menu and some parts with bold was enough. Extra thin never felt relevant to use and it can easily become somewhat invisible.

I have kept the blue frame and felt that it gave my pages structure. They are not an exact copy of my prototype, but a prototype is not the final product, only a vision and ideas.

## Coding period

### Files and code:

I have tried to make a file structure that makes sense, since there are a lot of files to keep track of. I had experimented with local- and sessionStorage to make my simulations work, and some of it worked "fine" but not good enough, so with help from Connor O'Brien and my student partner Cato Rolsøy I improved loads of code. I learned a lot and when I got stuck they helped me find my errors.

### Never too late to learn new code:

I am glad that I had Zoom lessons with POST method, datepicker and more. I have been struggling with React, but finally it's beginning to make sense after 7 weeks of intense work. In my commits you can see the change from basic code from 1.year to actually using the code we have learnt 2.year. It was loads of work, long days, but I am proud of my code now and not embarrassed of my delivery for once!

## Code review

Cato Rolsøy looked through my files and tried out my page, this was before I had figured out the POST method.

### **He advised me to look at these flaws, errors and improvement suggestions:**

Use less <div> and use <section>, <article> and other tags instead of loads of <div> tags.  
Improve the color contrast in my buttons.

Fix my keys and stop my hotelList from looping itself over and over.

Try to have more than one hotel in the row.

Fix the "body under <div>" error.

Validation in my forms.

Make the difference between Admin and regular Login more clear.

Add a footer.

Protected route.

Scroll to top button, on long pages.

## Git repository

**Link to my repository:**

<https://github.com/mofilof/project-exam-2020>

## Commits

I have committed regularly and made small notes of what changes I have made and what is still not working. Sometimes when I find the one type error the happiness and irritation can be easy to spot in the commit messages. Hopefully my commits will be helpful to you and show my progress in this project.

## Conclusion

The last weeks of this project I have really challenged myself and tried to make the best site possible. I am proud of my delivery and proud that I managed to improve my site on so many of the suggestions from Cato. I did not manage to follow the gantt chart from start to finish, some sickness and some errors here and there made this a race to the finish. Security wise the code is not top notch, but security was not a must have criteria. The prototype and the end product resemble one another and I believe that most criterias in this project has been met in this delivery. Hopefully the code speaks for itself, and I hope you are pleased with my complete project and all its part as a whole.

## References

Datepicker:

<https://www.npmjs.com/package/react-datepicker>

Yup:

<https://www.npmjs.com/package/yup>

Noroffs lessons and github recourses.

## Acknowledgements

Thank you to Connor O'Brien for Zoom lessons, and help during this project.

Thank you to Cato Rolsøy for his Feedback and advice on how to improve my project.

## Appendices

### **Holidaze functional Specification document:**

2020-05-10\_week2-submission\_projectexam-func-spec\_mona-odegard.pdf

### **Holidaze gantt chart:**

2020-05-10\_week2-submission\_projectexam-ganttchart\_mona-odegard.pdf

### **Holidaze adobe XD prototype:**

holidaze-web.xd

### **Holidaze style guide:**

2020-05-10\_week2-submission\_projectexam-style-guide\_mona-odegard.pdf