Technical Report

Project Exam 2

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Summary: 128 | Main text: 953

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1. Summary

A local tourism agency in Bergen is launching a new website called 'Holidaze' for visitors to the area to be able to find hotels, B&Bs and guesthouses, and for the accommodation owners to receive enquiries.

The project requires you to create the visitor side of the website where users can search accommodation and make enquiries, as well as the administration side where properties can be added and enquiries managed.

You will need to create an API to store the data for the establishments, enquiries and contact submissions. You can choose to use WordPress or Strapi as a Headless CMS, but it is very important that the API is deployed and publicly available. Please do not submit any files for your API. Only submit the website you have created.

2. Body

2.1. Introduction

I started development process with research and planning. First 3 week were ment for that. In this period I've decided that I'm going to use React.
For CMS I'm using Strapi that is deployed with Heroku (https://holidaze-project.herokuapp.com/)
And React I'm deploying using Netlify (https://project-holidaze.netlify.app/)

2.2. Main section of report

I started the project by creating the homepage, I added nav in App.js so that it's there on all of the pages and I don't need to add it every time. In the navigation I have most important links, and those are Home, Contact and Login/Dashboard depenting of login state, if yes than Dashboard, if not, Login. Navigation is fully responsive, on tablet size and smaller navigation switches to Hamburger Menu style and it contains same links.
First component on Homepage is banner, which incorporates search. Here one can search throught all available establishments. I choose this autocomplete search because it allowes for 1 caracter mistype and in my opinion less stricter parameters make it easier to use. Of course, more than 1 caracter makes it almost unusable, I hope I found some balance.

Main portion of the page is the list of all of the establishments, here at first there should have been pretty nice card containing info, but strapi and image upload process changed that plan (I left some code there, I'm hoping for feedback of how far from working code was I).

Current card has title, description and button leading to establishment details.
Here again, I don't have a image, I know, there is not a single hotel website online without images of hotel, but it had to be done for code to work at all.
On this page booking is also available. I didn't want hotel Name in form because it's already written in details of the hotel, but I had to have it because it needed to be "registered" so I just added default value of hotel name and hid it with css.
There is customer name, check in date and check out date inputs. And button that on succesfull booking goes to "success" page that confirms task ended with success.

If we go back to navigation, after home we have Contact page. Here it's available for visitors to satisfy their curiosity by asking us question or maybe just to give ever-neded feedback. Same process as booking, after success goes to page confirming that.

Last link in navigation bar is a dynamic button. If user is not logged in, they will have to login before they access Dashboard. There we can find 4 buttons. First 3 lead to pages and last one logs user out.

First of the pages is messages page where we can find all of the messages that were sent using contact page.
This is simple list with sender name, email and the message.

Second page is twin page with messages. Only it containes list of enquiries made on mentioned booking page with hotel hame, customer name and check in and check out dates.

Third link is Create New Establishment page. Here you can find form that post-s new establishment to strapi.

Forth and last link is simple logout by removing token and refreshing.

Task: Get feedback from one of the students regarding my code

I sent my code in group we have, I got some valuable info regarding shorting my code and making it more readable. There was no mistakes in code that were reported and everyone liked the design (Though that design was with images).

This I write after I uploaded site to Netlify, some pages are not opening (login and contact) meanwhile book is all good. I was changing things untill today, I didn't expect problems with upload, I actually taught I can just copy/paste folder in my own server as just normal site like we did untill now. I recommend you start site on localhost just to check out evey component because I don't know what I did on Netlify.

2.3. Conclusion

This was really nice project to test all of our abilities including solution finding ability, untill now we used WP but I find Strapi incomperable as an CMS. As I sayd, there are some problems with Netlify which I'm pretty sure not there if you tried the site out localy.
It is nice to see how much we learned for these two years, this is final big project. Now it's time to go through old projects, upgrading them to be able to show them off to a potential new employer as we can now be official Developers. ☺

3. References

Images : https://unsplash.com