Technical Report

Project-exam-2

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1. Summary

The task was creating two different activities viz. creating real world client following with booking hotel website. I choose to create hotel booking website.
I have searched many website for reference purposes, which have given some idea of how to create good and stunning website.In order to create hotel booking website following process have been followed in order to achieve goals ie creating hotel booking website —

- Planning the project
- Creating gantt chart
- Creating prototype in Adobe
- React with styled component
- Using regular javascript

However, the project was challenging and tough in the second part from admin site. Creating api from strapi was initially a hurdle. However with practicing made things easier in the future purpose. Strapi version3 was used in order to deploy the api in heroku app.

2. Body

2.1. Introduction

There are two task which we have been given to our project. First one is Real World Client, which we have to create our portfolio in accordance with what we have learned. This one was challenging and realistic. On the other hand, the other project was creating hotel booking website. The task was the visitors can have a look on the website and make an enquiry about their choices ie. booking online from website. Making the site from the point of visitors was a good experience as we are learning to how to create a web version through api. The report will reflect various process, which was created in order to design and creating website. However the admin part was very challenging and exhausted.

2.2. Main section of report

In order to create the hotel booking website, following procedure were adapted to facilitate the task –

Planning and Research

The first phase is planning the project.There are many website available on the internet about hotels booking to take an inspiration. Planning includes how will the site create, how will it look like, selecting color was an important approach towards creating it, following with sketches and creating prototypes and finally coding it in real terms. The target audience were I assumed from single person from 25

years and family people, who generally would like to spend their time with their loved ones or for business purposes as well

Creating Gantt Chart

After planning the project , the next phase is how to implement it. For that gantt chart plays an important role. It helps the smooth functions of various task by implementing each and every task in a good time as all task are time bounded. I have creating this task by following the four phase which are –

- **Phase I**

Again starting this phase consists of planning and research, which we have explained above . This phase require a good amount of time as it is planning and researching enviornment. Hence phase I is an important part and top most priority task.

- **Phase II**

Next phase in the gantt chart is persona creation and interviews.
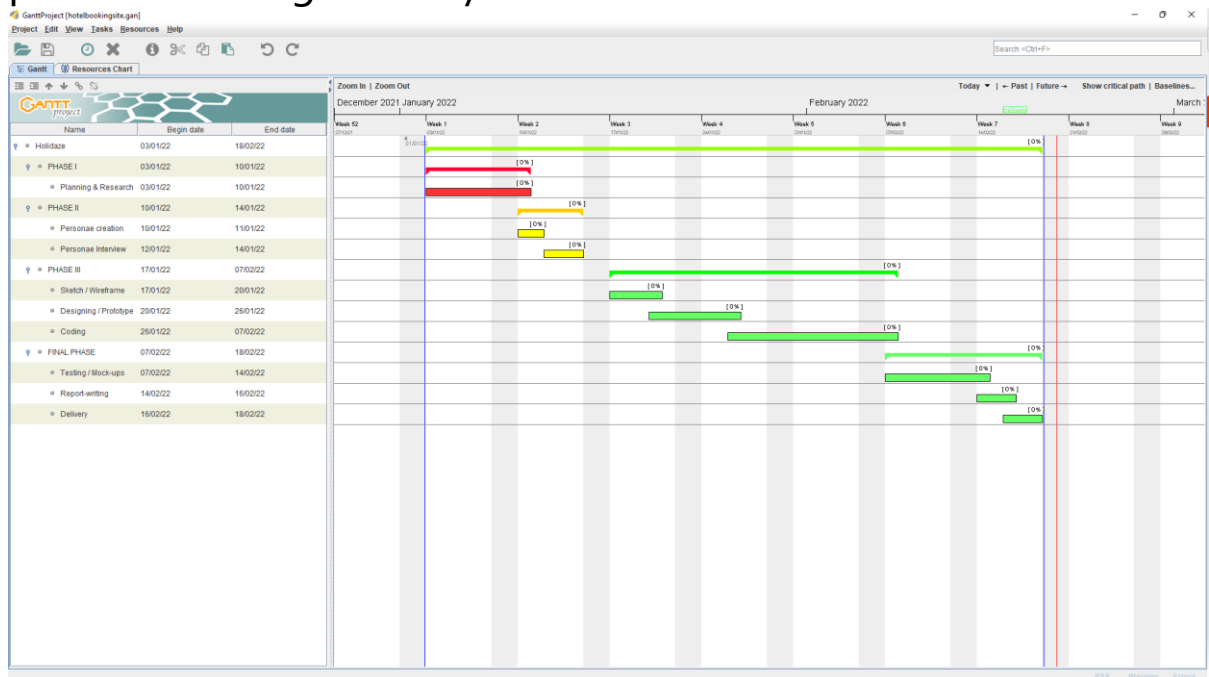
- **Phase III**

This phase consist of sketching / wireframes, followed by designning prototyping and finally coding.

- **<u>Final phase</u>**

Testing , mock-ups and report writing consist in the final phase including delivery.

<u>Designing: Logo-Typography and Colour</u>

I have created a logo in order to make the site asthetic and pleasant for its target audience. In order to apply in the website I have set its width to 70px and height to 90 px, which gives the website pleasant look.

Typography plays an essential part in creating website. Serif and sans-serif typography were used for heading and paragraph tags. "Decoy" serif fonts were used for heading tags and "Oscine" sans-serif fonts were used for paragraph tag. Both fonts can be found on Adobe fonts website. However, there are many available fonts in google. But I prefer above two as they are easy to read and design aspect.

Typography

Desktop view

This is heading 1
This is heading 2
This Is Heading 3
This is heading 4
This is heading 5

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc luctus sem auctor nulla iaculis, maximus consectetur massa dictum. Vivamus convallis enim sed imperdiet suscipit. Praesent auctor lorem metus, nec imperdiet turpis fermentum in. Nullam vel laoreet ipsum, ac ornare odio.

Mobile view

This is heading 1
This is heading 2
This is heading 3
This is heading 4
This is heading 5

Website cannot be created with colours. Therefore, various colour schemes came into mind to colour the website creation. One of them is from adobe colour website. Following colour pallettes were chosen.

Colours	Hex-value
	#f2f2f2
	#79a3f2
	#8a8c45
	#f26363
	#5096f2
	#707070
	#070707

Interface-design : Personae / Scenario, Affordance, Navigation, persuasion, Wireframing, Prototyping

In order to create smooth flow of website, interface design is must which includes personas, scenario, navigation, persuasion and so on. Here I took some interview of users, so that I could get a good grasp as what they wanted in the site and what they will us on it.

- The goal?
- Searching particular information?
- Which platform Desktop or Mobile?
- Tech-savvy?

Applying the above question helped me to go more details with users and interacting more and more responses. Some personas were created and applied to utilise their willing as a user.

Personae 1- Jhon is working guy and he would like to use the website for searching and exploring the hotels. However, he is much more interested in guesthouses instead of resorts.

Personae 2- Mary is working lady and student and she would like to use and surf the website for her family, and she is interested in offers especially in summer.

Keeping that in mind it become easier that was users wants and expect from the website that they will use.

Affordance

Affordance makes easy the users to interact with it. For that clickable button, links contact form with proper indication included in order to interact the user with app.

Navigation

On the mobile device vertical navigation is used and on the desktop devices horizontal navigation has applied. Links are clickable and hovered, so that make it easy to the user to navigate.

Wireframing / Prototype

Wireframe is created in XD. This is the first step towards creating site app. Both mobile and desktop version was covered. After creating prototypes, it was tested by the users.

Content Strategy

Site contains pages containing home, hotels, about, contact and Login page. Home page contains a hero image with all featured hotels, followed with customers review and subscriptions of newsletter followed by payment acceptance and footer.

Hotel page contains with hotel title and an option for the user to search a specific hotel with its details followed by footer.

Details pages contain the breadcrumb options to the user and two sections for the user to interact with. On the left section it contains with hero image with three sub image, description, and facilities, price and followed by google location map. On the right-hand user can ask the quotation about the hotels, and fill the info with first, second name, email arrival and departure date with persons interested to stay and a message.

About page consist of a short description and frequently asked question section which includes some Q&A section for its user followed by footer.

Contact page consist of two section contact form and contact us. Contact form have a short form for the user which they can ask the general question about the entities. It consists of name, email, subject and message. On the right section it has the address and its location.

Login page is controlled by admin who has its credentials, it has username and password. By filling it admin can go into hotel site where he can add or remove as per their needs.

WCAG

WCAG standard optimization is a must in order to interact the website. Colour, fonts, image and alt-text, contrast has taken into consideration in order to create the site. Mozilla Firefox, google, and internet explorer were used as web browser to check and test the website flow.

2.3. Conclusion

The project exam was very useful to go through all the concept that we have learned in react-app. However for my concern was admin section was one that I need more practice in order to get good grasp.

Links

- https://xd.adobe.com/view/455d71f0-9e9c-4e99-b4bf-501d423cd7a7-100e/

- https://github.com/Noroff-FEU-Assignments/project-exam-2-sunildutt6

Reference

- https://www.noroff.no/
- https://react-icons.github.io/react-icons/
- https://www.fakeaddresscopy.com/Norway/Norway_city/Bergen/

4. Acknowledgements

Start writing here

5. Appendices

Start writing here