Report for Melbourne Marina Hotel Website Design

Report of Aashish Bhatta

Objective:

    a. To develop a well responsive website for Melbourne Merina Hotel
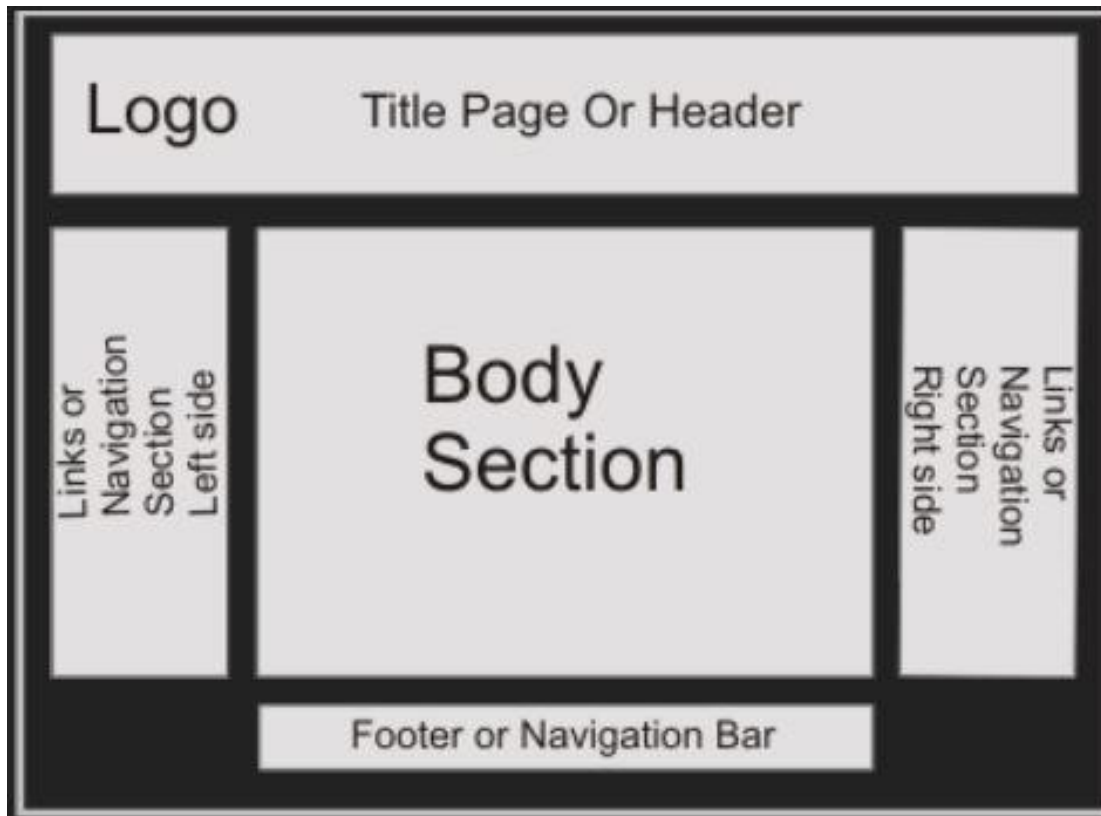
Discussion:

This Group Assignment of Webpage design and development has given me a tremendous boost in my programming skills. After Completion of this Web Project I can say that I am ready to take a real-world challenge. I am more than prepared to design a fully responsive website. I have learned all the aspects and attributes of HTML and CSS and combining these, I can achieve any desired websites. In this assignment we have designed a website for Melbourne Marina Hotel. In this Hotel's website we have crafted a fully responsive and beautiful frontend of the application.

Working:

Firstly, we divided our project Melbourne Marina Hotel into 14 parts, and we started collecting information for this website. In this data collection phase, we collected all the pictures, quotations, content and remarks to be applied into our website. After the completion of data collection now it was the time to start the designing phase.

In the Initial Phase for design, we opted for paper prototyping. We designed the paper prototype for all the 14 webpages and after the completion of the paper prototype we headed for the design. Our plan was to build the websites completely from the scratch with the help of HTML and CSS. So, we didn't use any framework for this project. In CSS, we used Media Queries for making our website responsive. We took mainly 4 devices into consideration i.e. phone, tablet, laptop and desktop. We used Vanilla JavaScript for making the form and buttons interactive in our websites.

In this project I got to design a complete website. So, in the process I learned many things. Here's discussing how I built my Project.

Fig: Layout of Website

a) Creating Layout:

Layout is the backbone of the website. It is the one that structures our website. So, creating a layout for the website is a must while designing any website. Hence, I took creating layout as an initial step when designing my website. Firstly, I designed a proper layout for the webpage I was assigned to with the help of HTML and its elements. I have used <div> tag majorly while building the layouts of my web page.

b) Designing Layout:

After creating the layout, now it was time to design it. So, I used CSS to design my layout. In CSS I mainly used class selectors to give my layout the perfect and beautiful look and finally my layout was ready, and it was time to move on to the next step.

c) Adding Content:

After successfully designing the layout, it was time to enter my content into the website to give it a proper descriptive look. I applied proper details and images into my website. I have referenced the images that I have taken and also strictly opted just for google fonts while decorating my text content.

d) Making Website Responsive

After all this steps my website was ready for the laptop screens, from which I have programmed my website. But to make it fully usable in all platforms, we should make it responsive. For this I used Media Queries and modified the design according to the need in each platform of device. After all this my website was ready and now it was time to test it for any bugs.

e) Debugging:

After completion of the website, I checked all my source code in HTML and CSS validators for any errors. After many corrections finally validators showed that my website was free of any bugs and now it was time to test my website.

f) Testing:

For testing my website, I used Phones, Laptops, Tablet and Desktop in order to test the user experience that my website provides.

Problems Faced:

While designing the website I ran into many errors, initially while creating the layout, the layout would not move to the particular position that I desired. It was due to some errors in my coding. After correcting that I was able to position my website properly. I also had slight problem while designing the layout. I wasn't able to apply the proper design pattern that I had paper prototyped earlier and after some revision on CSS, I was able to deduct my error and hence achieve the desired final output.

Conclusion:

I have successfully completed out my group assignment of designing the website and I am more than satisfied with my work. The final product that me and my team have come up with is very encouraging. We will be designing more and more websites in future for crafting our coding skills. This project has personally boasted my skills and motivated me to walk ahead in this journey of building web application.

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