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Assessment 1 Report

<https://github.com/franksharpe/Liceria-CO>

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**Introduction**

The project will be on an Italian restaurant called ‘Liceria & Co’ they are an established restaurant in the UK, that have been around for many years, they need a website to extend the target audience and be able to attract more customers into the restaurant and have asked TNK technologies to create the website. The technology will be working with is a PC with specs to handle the design and testing of the website and a laptop capable of handling the task and with also the capability to check access to devices such as laptops, phones, computers. To create the website the client will need to outline what is needed this is done by the form provided where they can outline ideas etc. and then can furthermore be given to help the project.

**The Web Technologies**

The technology used firstly was a PC this enabled the process of creating much quicker as there are many monitors so can have many tasks running at once and the PC with the high specs can handle everything it was tasked to do without having any hiccups in the task. Such as running the java script file and CSS files and html files all at once whilst still hosting the website. Another technology used was a laptop that was also capable this meant had portability with the project as could access it anywhere once downloaded and that made it much easier to develop, the advantage of using a laptop is that it is a different screen size compared to a normal 1920x1080 computer screen laptop sizes are usually much smaller this means the website would have to adapt to this and would also adapt to many screen sizes.

The introduction was met by the website as an Italian restaurant it is attractive website which draws customers in but also trustworthy, blue was chose as shown by many researchers blue is “viewed as trustworthy” (Thepaintingpros, ND). Google translate on the menu page to account for all languages this feature makes the website accessible to all. This meets all the introduction as the client wanted to grow the target audience by adding a website as this would gain more customers to increase profits and for the low cost of running a website as shown in figure 1 the low cost compared to high market potential is worth it.

*Figure 1
Figure 1 (Hostinger, 2023)*

“94% of People Judge Websites on Responsive Web Design” (infront webworks, 2018). The benefits of going responsive are that nearly all people have mobile phones and go on websites on mobiles In the UK as shown “98% of the adult population have a mobile phone, making 1.37 active connections per head of population.” (Ofcom Communications Market Report, 2023). So, the probability of the website being access on a phone is very likely this means that the website not being able to be accessed on a mobile device would cause to lose many potential users and customers for the client. To make the site responsive using media queries as shown in figure 2.

A screen shot of a computer

Description automatically generated

Figure (My CSS Sheet, 2023)

What these do is make the website change style and size based upon the screen size such as “min width 600px” this would make the website tailor to larger screen sizes as mobiles are typically 400px and smaller in width, by using @media tag you can change the style of website based upon any screen size making the responsiveness of the website endless. Show how it adapts is down below. “Figure 3” uses the first media query whilst the 2nd one uses the 2nd media query this changes the sizes one to fit laptop and one to fit an example phone.

A close up of food

Description automatically generated

Figure (Website, 2023)

A screenshot of a menu

Description automatically generated

Figure (Website, 2023)

Multipage websites have many benefits such as being able to make the website more accessible and easier to navigate, to do this using the “href” tag as shown below.



As you click on the links in the navigation bar it will take you to the other pages this makes it a much simpler website as you don’t have everything on one page making it easier to navigate.

Figure (HTML file, 2023)

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Figure (Website, 2023)

Form validation this is useful for databases to make the secure and accurate. I have achieved this by using JavaScript as shown in figure down below as the user enters the text into the form as shown in figure 8 it will be run through figure 7 to make sure no characters which aren’t in email format aren’t there. This is a massive advantage as its quick and is done before entering the server which will cause less problems.

A computer screen shot of a program code

Description automatically generated

Figure (JavaScript file, 2023)

A screenshot of a video game

Description automatically generated

Figure (Website, 2023)

**Accessibility**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**Figure ( W3C checker , 2023 )

Figure 9 ( W3C check , 2023)

**Screens screenshot of a computer

Description automatically generatedA screenshot of a computer screen

Description automatically generated**

**Screens screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Document The Website**

The home pages.

A screen shot of a computer

Description automatically generated

Figure (Website, 2023)

The navigation bar in the top left corner of the home page will take you to the other pages of the website such as “menu” and “reservation” the first icon takes u to the signup page when you click on it as shown.

A screenshot of a video player

Description automatically generated

Figure (Website, 2023)

This link to this was done by using buttons and using the “form” tag to create the signup page.

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Figure (HTML, 2023)

Using div class means I can bring it into the container and they will change as the website changes containers are useful you use the “<a href>” tag to link to other websites this helps the website become a multipage website this feature was easy to implement but is very useful, the “img” tag is used to create the link as an icon and the “alt” tag makes it accessible for where the image doesn’t load. The way the website was designed is shown below.

A screen shot of a computer code

Description automatically generated

To access the CSS is shown in figure 13 the “link” tag connects CSS style sheets this helps make a cleaner code as it’s not all in one file and using the “class” tag means can access the styling making the position on the page and look of the icon just right for the website this was useful and is changed for different screen sizes using the “@media” tag.

Figure (CSS file, 2023)

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Figure (Html file, 2023)

**References**

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