Comp 1021 – Introduction to web technologies
Coursework 1 Design Document
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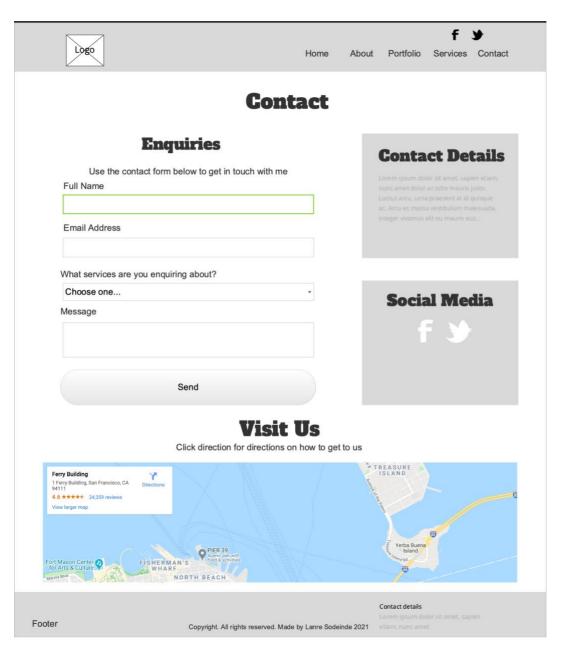
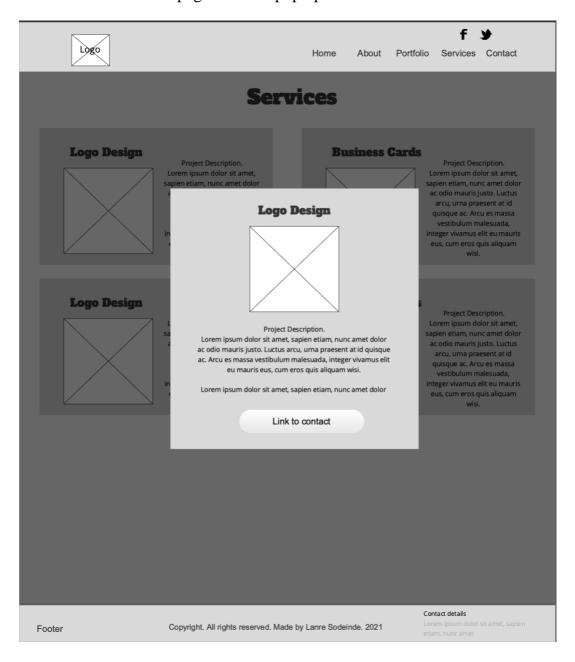## Description of additional features

Additional colours

#000000 ■

#ffffff □

Wireframes of additional features

Wireframe of Contact page

Wireframe of services page with the pop up

Wireframe of cookie Banner & Advanced settings pop up

Logo

Home   About   Portfolio   Services   Contact

Welcome to my Website

Lorem ipsum dolor sit amet, sapien etiam, nunc amet
dolor ac odio mauris justo. Luctus arcu, urna praesent at i,
mi mattis pariatur aliquam pharetra eget.

Call to Action Buttom
"Find out More

Main Image

Icon   Icon

Advanced Cookie Settings

Cookie Settings 1

ac odio mauris justo. Luctus arcu, urna praesent at id
quisque ac. Arcu es massa vestibulum malesuada, integer
vivamus elit eu mauris eus, cum eros quis aliquam wisi.   ☑

Cookie Settings 2

ac odio mauris justo. Luctus arcu, urna praesent at id
quisque ac. Arcu es massa vestibulum malesuada, integer
vivamus elit eu mauris eus, cum eros quis aliquam wisi.   ☐

Cookie Settings 3

ac odio mauris justo. Luctus arcu, urna praesent at id
quisque ac. Arcu es massa vestibulum malesuada, integer
vivamus elit eu mauris eus, cum eros quis aliquam wisi.   ☐

Save

Service 1   ## Service 3

Lorem ipsum dolor sit amet, sapien   Lorem ipsum dolor sit amet, sapien   Lorem ipsum dolor sit amet, sapien
etiam, nunc amet dolor ac odio mauris   etiam, nunc amet dolor ac odio mauris   etiam, nunc amet dolor ac odio mauris
justo. Luctus arcu, urna praesent at id   justo. Luctus arcu, urna praesent at id   justo. Luctus arcu, urna praesent at id
quisque ac. Arcu es massa vestibulum   quisque ac. Arcu es massa vestibulum   quisque ac. Arcu es massa vestibulum
malesuada, integer vivamus elit eu   malesuada, integer vivamus elit eu   malesuada, integer vivamus elit eu
mauris eus, .   mauris eus, .   mauris eus, .

See More Services

We use Cookies on tehis webiste By Using this website, you agree to out use of
cookies   Advanced >   Accept >

Additional features & Evaluation

Additional features

Navigation Bar

I will be adding visual confirmation for users, so they know what page they are on. In the navigation bar, the colour of the current page will be highlighted so that user have a visual confirmation of what page they are on. I believe this feature will improve the user experience of the website because users will no longer have to scroll to the top of the page to see what page they are on.

Cookie Banner & Pop up

I will be adding a pop up for acceptance of cookies on the website. Whenever a user visits the website in a new tab, the user is prompted with a popup at the bottom of the page to accept cookies. This popup is consistent and will only disappear when the user clicks "accept". If the user clicks accept, when the user visits other pages the message will remain hidden. However, If the user decides to close the popup without accepting the popup, then whenever the user visits a new page, the message appears at the bottom of the page again.

I have decided to implement this new feature to bring the website in compliance with modern GDPR, data protection regulation. Specifically, the EU GDPR regulation 2018, which states that you need to receive users' consent before using cookies on the website non-essential cookies. Whilst my website does not use cookies, I believe it adding the feature will enhance the website as the feature behaves exactly as it would in a real situation with cookies.

Google Maps on Contact Page

I will be adding Google Maps to the contact us page so that users will be able to easily find the location of the designer. The map is a useful feature to add to the contact page. This is because it helps visitors to the website get directions to the business and prevents the user from having to leave the website and open a new tab to get the location of the website so this feature will improve the user experience of the website.

Pop-up for additional information on services page

I will add a pop up on the services page. So that when a user clicks a service, they can find out more about the service they have clicked on. A popup page will appear, which will tell them more about the service that they have clicked. This feature will benefit the website because it will improve the user experience.

Form validation on contact page

Each field of the form on the contact page will now have validation. For mandatory fields, if the user does not insert an appropriate value, they will be immediately alerted and will be unable to submit the form. This will improve user experience and usability of the website because the user will get instant feedback issues with their input, this will prevent them from submit the form with incorrect values and lose their progress which could lead to frustration.

Evaluation of implementation justifying any changes between your initial design and your implementation

The new features I have added, have been added to improve the usability and functionality of the website. Features such as form validation improves user experience and usability of the website whilst other features such as the cookie banner popup improve the functionality of the site.

Testing Methodology

To ensure that every additional feature has been tested properly, I used a manual testing approach. I manually tested every single additional feature to ensure that it works as intended across multiple web browsers such as Google Chrome, Apple Safari & Microsoft Edge. Where JavaScript/jQuery was used during the implementation of a feature, I ensured that the feature was fully operational without any errors in the JavaScript console. Where there were errors, I made sure to correct them and I tested the website and it's functionality thoroughly in other browsers such as Google Chrome, Apple Safari & Microsoft Edge to ensure no errors were present.

References

Close button on the cookie banner

Flaticon. [no date]. Close free icon. [Online]. [Accessed 12 March 2021]. Available from: https://www.flaticon.com/free-icon/