

## COMP10310 – Project 2023

- The subject of my project was to be a website for my mum, who is an accountant. As she does not currently have a website I thought, given the specifications of the brief, that I would be a perfect opportunity to make one and model it around her actual business.
- The colour pallet I chose for the website is a white background with a dark red and black text colour to contrast. The website also has various shades of grey and keeps to a similar theme throughout all the pages. I choose them as I believe they come across as smart and presentable, what is necessary for a website like this.
- The navbar on the website links all the different pages together and when an item is hovered over, it increases in size and becomes underlined.
- The footer of the website has some quick links, to different pages, to important contact details and the address which when clicked on, opens a google maps page to show the address.
- The contact us button takes the user straight to the contact page and is designed to catch the eye.
- This button, like all buttons will change during hover, to add depth and to not make the website ridged.
- The services page includes various boxes of necessary accountant service details and on the right-hand side a loan calculator which uses the amortisation formula. I included this as loans and accounting go hand in hand and it was also a perfect place to show off some basic JavaScript which takes in the inputs from the form and calculates monthly repayments based on a formula.
- The client page is simple and has a basic design, alternating photos from left to right. Although it is a basic page, it is something necessary to show off for an accounting website.
- The FAQ page contains some key information which a user maybe be wondering about. Instead of displaying questions and answers all the time, it was a perfect place to use accordion style animation to show the information in a pleasing way and to get the user to interact with the webpage. It uses a really basic JavaScript function, just to receive when it has been clicked. A CSS animation then reveals the answer and the SVG on the right also turns, to insinuate that the question has been toggled.
- The contact page has a few different features. Firstly, in the email and phone number box, when the email is clicked, it opens a draft email so the user can email straight away without having to copy the email.
- Similarly, the phone number works the same way and prompts the user to call the number.
- The visit us box first just contains the address but was also the perfect place to use iframe and have an interactive google map on the website.

- The message box is a key highlight of the website. At first, I intended for it to do nothing on submit but it was a great place to use a database. On submit, of the form, the entered details are posted to a php script. When it submits it opens a new page and, on this page, I used the php echo function to display the users first name, which I got through using sscanf on the user's full name, as it only takes in the first string until a white space. I also include a green check mark to indicate that the form as been submitted, and I also use echo to display the input email and phone number for the user to see.
- When the form has been submitted, the variables “\$name, \$email, \$phone and \$message” are received by the php script. It then connects to the database, running off local host and goes into the correct database, in my case “abaMessage”.
- Using SQL, the variables are then put into the correct places in the table.
- Although it does not work, I used the mail() function which would work if I had a separate server to send emails but in theory, it should work.
- Finally, the about page is simple yet gets the point across. It includes pictures of the “team” members; however, it is not an actual photo of my mum. I did include a photo of my cousin and myself. I also included the final two paragraphs of information about the office and also my area. I included photos of where my mum works and also the view from her office, which I indeed took.

## Media Used

- Image of Donegal Coast by Brian Kelly; <https://unsplash.com/photos/WVrCcyXmr6E>
- Image of Woman by Brooke Cagle; <https://unsplash.com/photos/IBwcnOuRCg>
- Image of Consultant by Scott Graham; <https://unsplash.com/photos/5fNmWej4tAA>
- Image of Film Crew by Gordon Cowie; <https://unsplash.com/photos/Sag3utRrjIA>
- Image of Band by Austin Wade; <https://unsplash.com/photos/YZpuFugdy8Q>
- Image of Woman by Edward Cisneros; <https://unsplash.com/photos/H6wpor9mjs>
- Image of Man by Ryan Hoffman; <https://unsplash.com/photos/Ft4p5E9HjTQ>
- Image of Woman by Artem Beliaikin; <https://unsplash.com/photos/j5almO1E8rU>
- Icon of Green Tick by Ra20Ga; <https://similarpng.com/check-mark-green-tick-isolated-on-transparent-background-png/#getdownload>