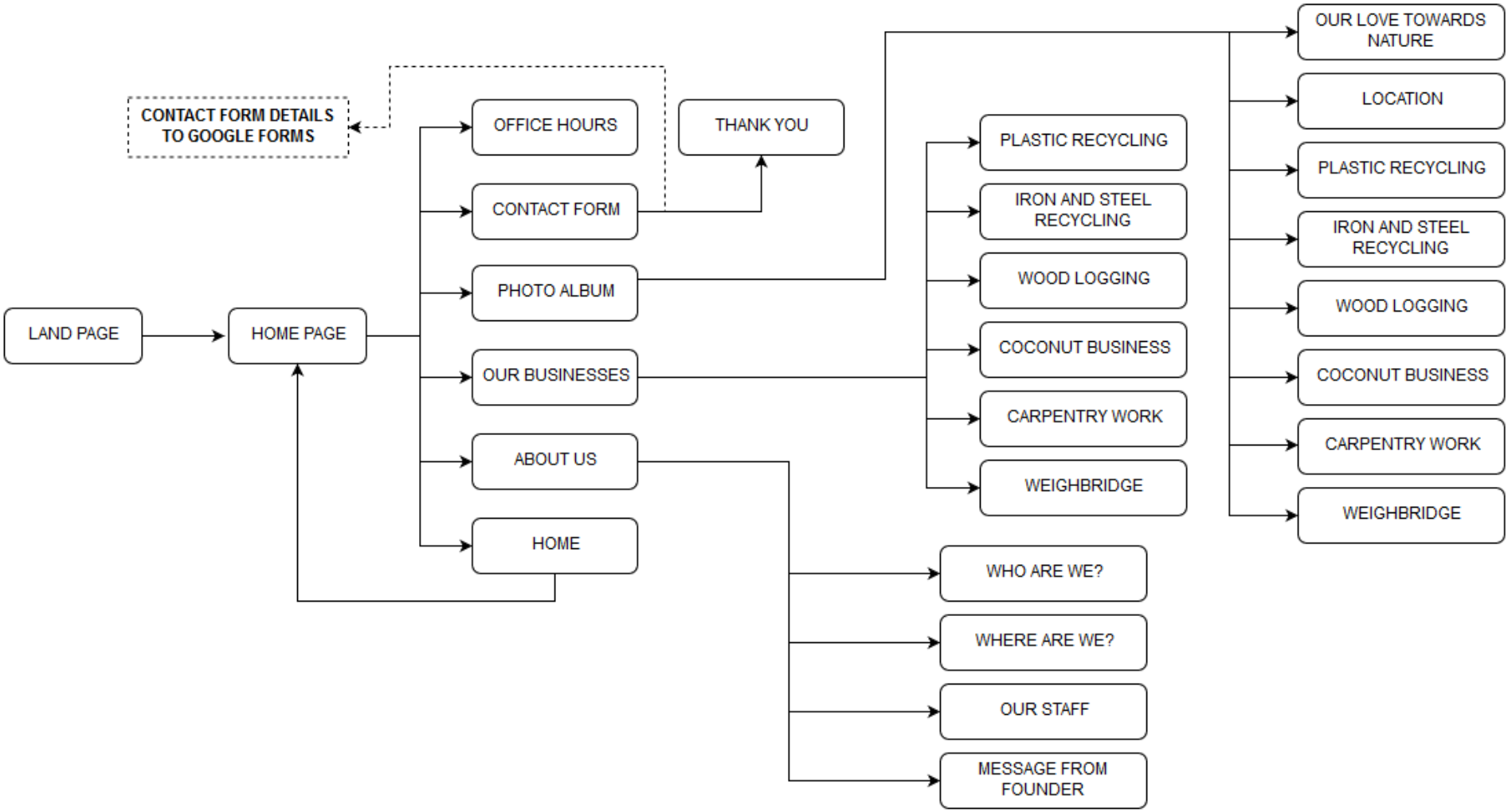
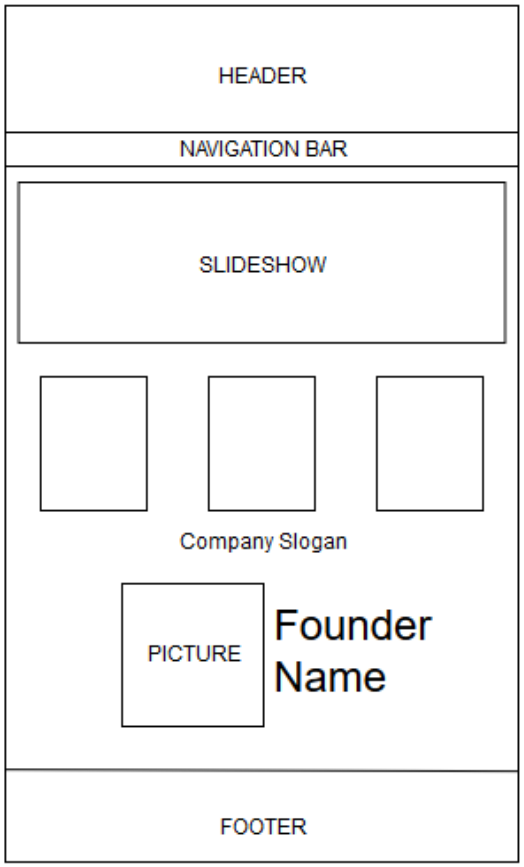
Criteria D: Product design

Overall structure of the website

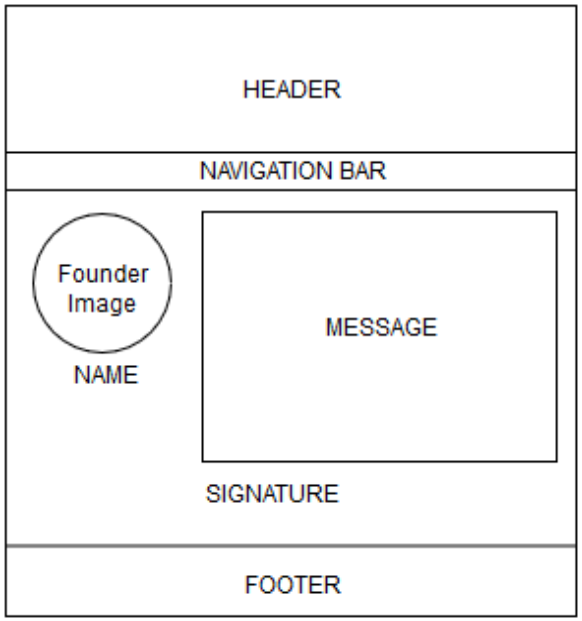


Structure of each webpage

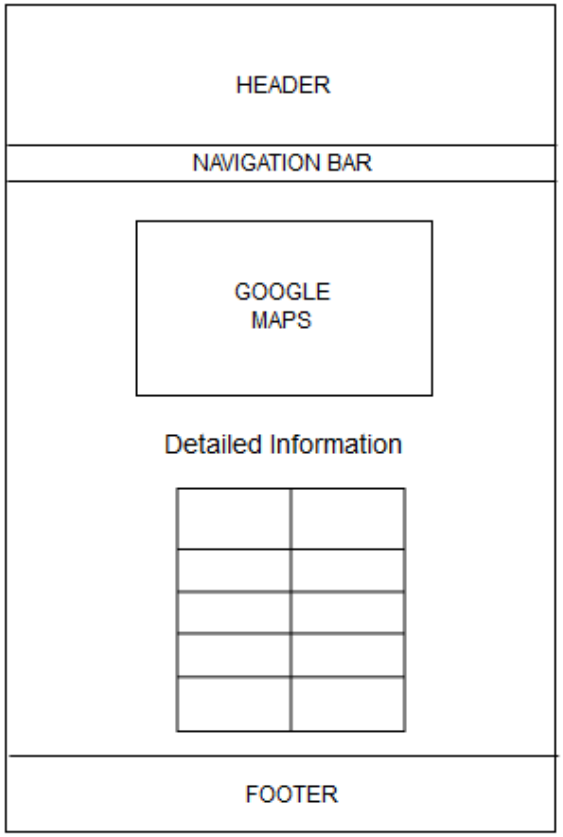
HOME PAGE



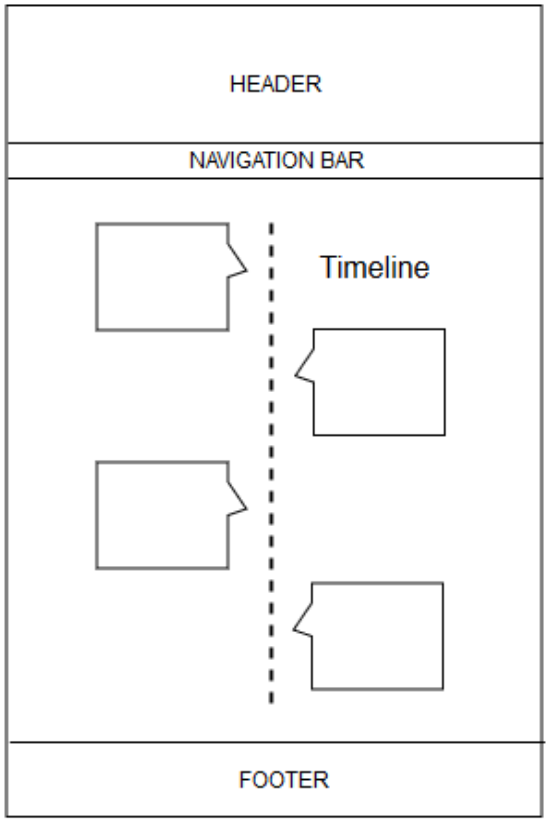
FOUNDER



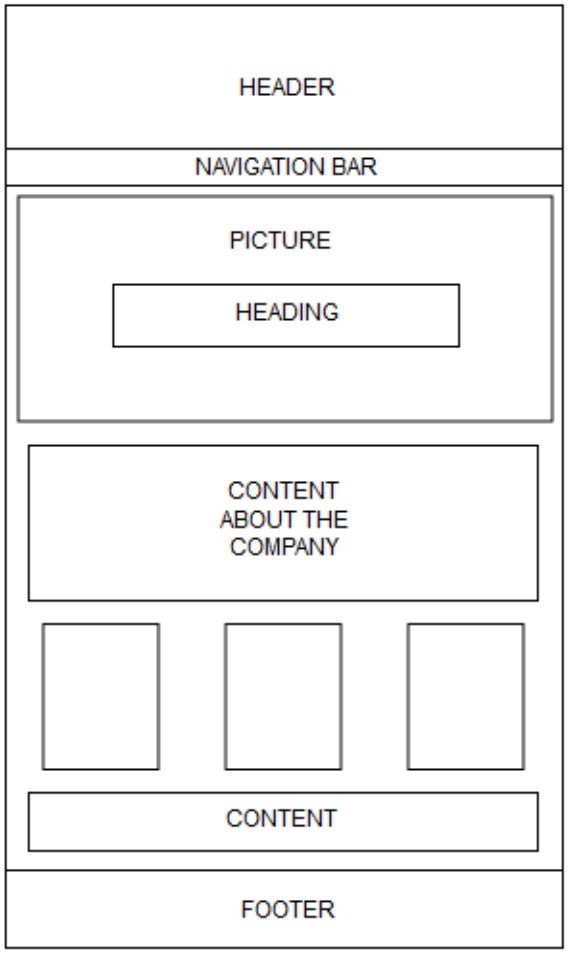
LOCATION



ABOUT US



OTHER BUSINESSES



WEIGH BRIDGE

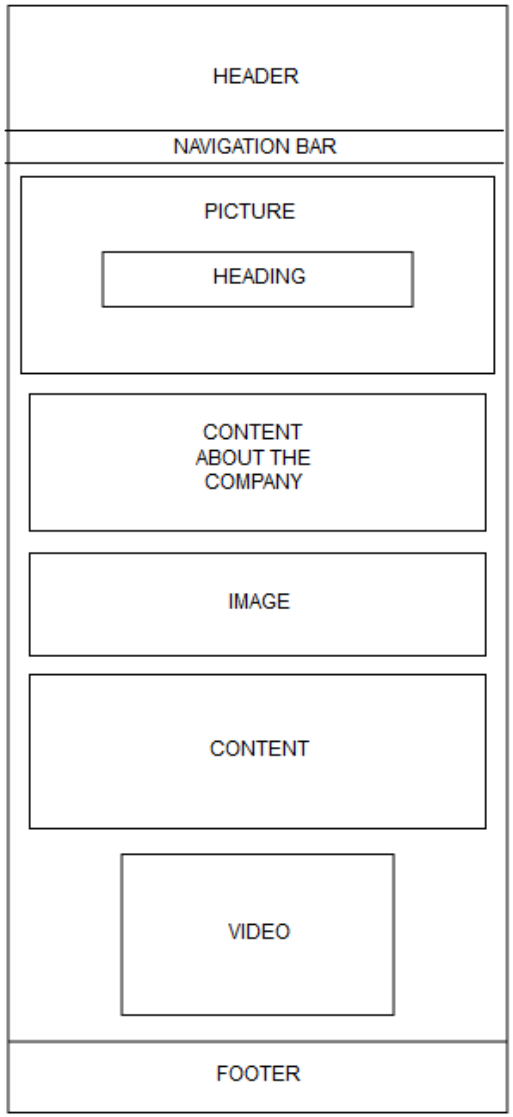
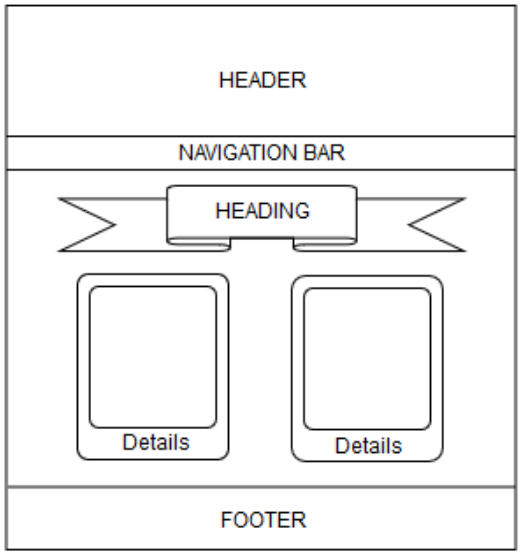
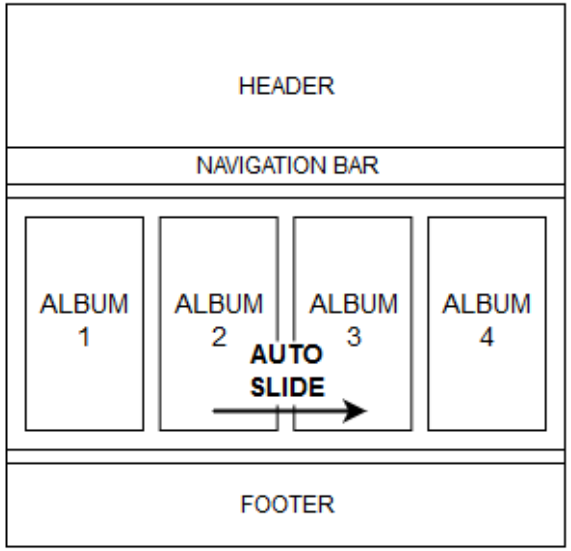


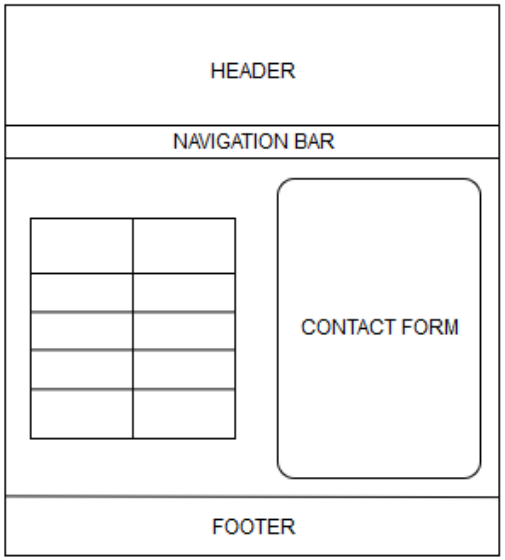
PHOTO ALBUM



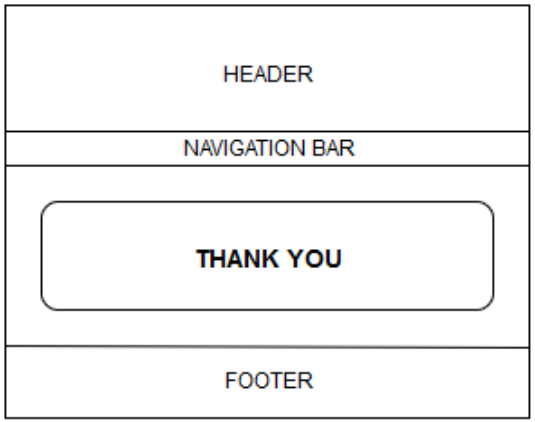
ALBUM



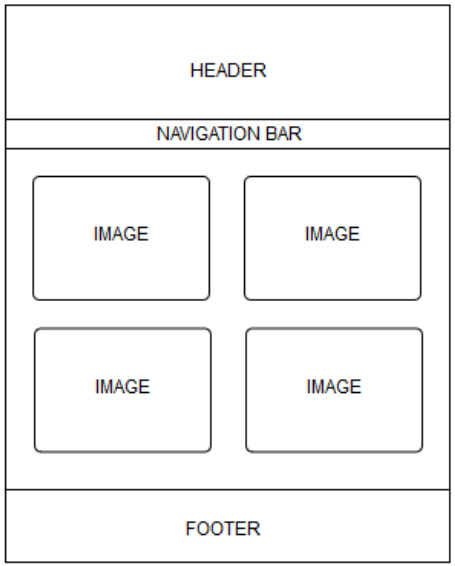
CONTACT



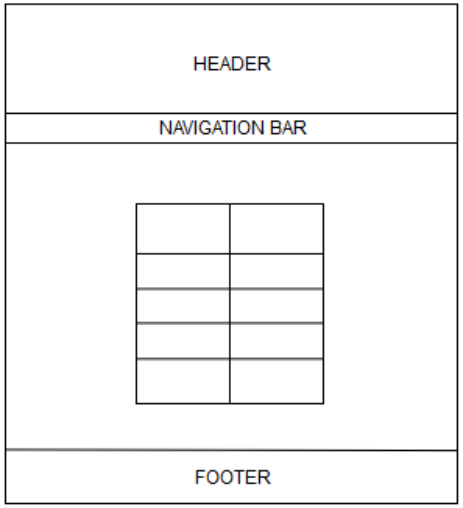
THANK YOU PAGE FOR CONTACT FORM



GALLERY



OFFICE HOURS



List of resources and techniques

RESOURCES	DETAILS	OBTAINED FROM
Flickity	For a responsive slideshow (Carousel)	https://flickity.metafizzy.co/
Wow.js	For animations of objects within the website during scroll	https://wowjs.uk/
Link hover effects	For creative link effects when hovered on it	https://tympanus.net/codrops/2013/08/06/creative-link-effects/
Multislider	For creating an automatic sliding of multiple images and these images act as albums for other images	https://www.multislider.info/
Auto-prefixer	This is a PostCSS plugin which parses the CSS and adds vendor prefixes	https://autoprefixer.github.io/
HTML formatter	For formatting ugly HTML code, making it readable and pretty, with proper indentation. Helps in identification of particular coding with ease in future developments of the website.	https://htmlformatter.com/
CSS cleaner	For tidying up CSS to make it readable and organized. Helps in identification of particular coding with ease in future developments of the website.	https://html-cleaner.com/css/
W3schools	For learning basic and advanced CSS and Html coding for navigation bar, overlay text, gradient colour, animations, transitions and many more.	https://www.w3schools.com/

Google fonts	For downloading a wide variety of fonts for using in the website for free of cost.	https://fonts.Google.com/
Vector icons in .svg and .png format	For downloading icons and using them in navigation bar and other places as well.	https://www.flaticon.com/
Progress bar	For the progress bar in the landing page.	https://codepen.io/evawythien/pen/jegRxN
Animated ribbon tile holder	For a title of a webpage in a ribbon holder which is animated.	https://codepen.io/joshbader/pen/ukFLi
Linking between Google forms, custom form and thank you page (response).	For linking the input fields of both the forms.	https://morningstudio.com.au/blog/2013/06/how-to-style-Google-forms/ https://medium.com/@weldebob/Google-forms-is-brilliant-7b04765f1b8c https://codepen.io/learningcode/post/customize-a-Google-form-for-your-website https://www.developerdrive.com/add-Google-forms-static-site/

TECHNIQUES	DETAILS
Use of Cascading style sheets	Consistent layout and design of the web pages are done using these sheets. Moreover, all the critical styling of the content is done with these sheets using specific codes.
Favicon	Icon displayed next to the page's title on the **tab**.
Custom logo	A logo according to clients preferences was created.
Menu hover effects and dropdowns	Certain options in navigation menu have dropdowns whose links have transition effects. The footer also has these effects.
Landing page with animation	A landing page which has animation for certain elements
Responsive slideshow (Carousel)	Automatic slideshow which is drag gable using the mouse. Manual controls of the slideshow are also available.
Animation of the ribbon	In the staff page, an animated ribbon title holder with gradient color.
Google maps embedded	The Google map of the company location is embedded.
Video in the website	Video was edited and subtitles were added using a video editing software. This video is then embedded in one of the web pages.
Contact form	A Google form was connected to a custom made contact form on the website. So when details are entered in the input field of the contact form (website), the details of the respective fields are saved in a Google sheet of the company username.
Album slider with overlay text	Multiple images slide automatically horizontally. These images act as albums. When clicked on a certain image, the gallery of that particular category opens up. When hovered on the album slider, the images zooms in. The album slider images has an overlay text which appears on hover.

Test item	Test data	Part of system tested	Expected outcome	Actual outcome	Comments	Ref in product
Cover page testing – REQUIRED ELEMENT FOR CRITERION G						
Web pages load from the cover page in three different locations	File naming to ensure homepage is called Index.htm	Links on cover page are relative	Loads as required from 3 different locations	Yes		
Product testing						
Hyperlinks between pages function	Links between pages	Hyperlinks	Links function as planned	Yes		
CSS file	Web pages	Link to style sheet in page headers	All the pages have styles	Yes		
CSS file	.css file	Content of .css file	All components of file appear on web pages	Yes		
Animations of objects	.css file	Content of .css file	All animations of objects work	Yes		
Contact form	.css file JavaScript	Content of .css file Content of JavaScript within website Validation of certain fields	All components of CSS file appears on webpage. The contact form is connected to Google forms and 'thank you.html' page automatically appears when form details are sent. (done using JavaScript)	Yes		

Agreement of client

I confirm that the requirement specification meets my needs and the designs above are appropriate for the creation of the product.	