

# Frontend Web Development

BSc16B\_D\_FWD

**Assessment:** HTML/CSS File

**Participant Name:** Ivan White

**URL:** [www.cwcwe.ie](http://www.cwcwe.ie)

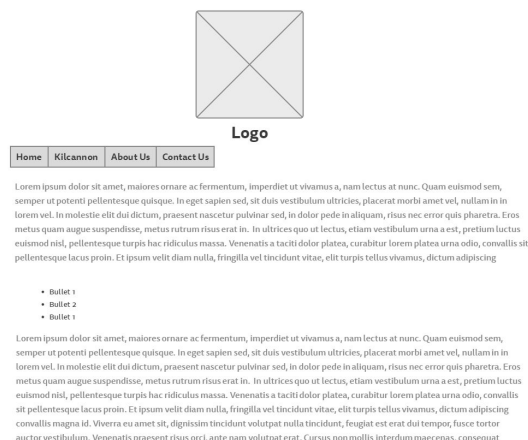
# Rationale Document

## Introduction

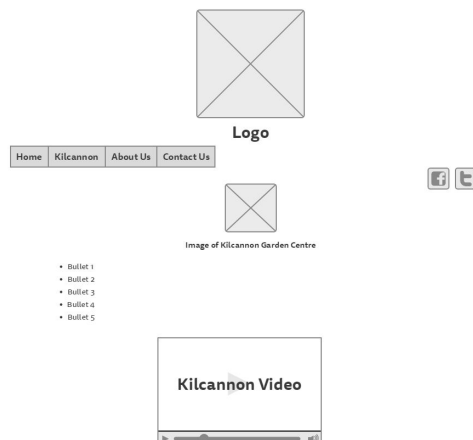
I decided to do a website redesign for County Wexford Community Workshop (Enniscorthy), a local non profit which provides employment for people with intellectual disabilities. I thought that while the existing website was functional, it also looked very plain and was in need of a redesign. The CWCWE also run the Kilcannon Garden Centre in Enniscorthy, so I included a page about it on my site.

## Initial Sketches Wireframes, Planning Documents, User Research

### Homepage



### Kilcannon Garden Centre Page



## About Us Page



Logo

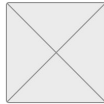
<a href="#">Home</a>	<a href="#">Kilcannon</a>	<a href="#">About Us</a>	<a href="#">Contact Us</a>
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## Contact Us Page



Logo

<a href="#">Home</a>	<a href="#">Kilcannon</a>	<a href="#">About Us</a>	<a href="#">Contact Us</a>
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First Name
Last Name
Email
Telephone
Message
Submit

## Site Planning

The existing site has over 30 pages on its site, so the first thing I was was to decide which pages I would use for my four page site. I whittled it down to the four main pages - Homepage, About Us, Kilcannon, and Contact Us, as they included all the elements needed for the assignment and also provided the intended end user with the most important basic information. All the written information and images were taken from the original site (excluding the social media icons). The video was downloaded from Kilcannon's YouTube channel. I used a stock image for the page background, and a beige colour for the container background.

The About Us page contains three links to PDF files containing the organisational structure, and the accounts for both Kilcannon and CWCWE. These were obtained from the CWCWE website. The links become underlined when the mouse hovers over them, and they open in a new tab.

The Kilcannon page contains links to the Facebook and Twitter pages. The “Mallanna” Google web font was used for the website, with a sans-serif fallback. The background stock image was 5.45 MB when I downloaded it, and I used Photoshop to convert it into a 291 KB file with no perceivable loss of quality. This helped to optimise the site. This site is not responsive.

## Issues Encountered

I remember encountering several minor issues while producing the website, and as I am writing the rationale doc after finishing the site, I am finding it difficult to remember what issues I had! I did a little bit of work every week since I was given the assignment, so I have forgotten many of the issues I had especially early on. All issues I did have were resolved by Googling the issue and using sites like Stack Overflow and W3Schools.

I did all of the HTML before starting any of the CSS. I wanted to get all the content down and then style as necessary. As I was using one stylesheet for all the pages, I could then check if there were any issues if I changed a style for one page and if it affected another page. I used ID's and classes effectively to prevent this from happening.

The biggest issue I encountered was with the navbar as I couldn't get it to stay the same size when I changed the active page in the browser. Each item in the navbar list kept moving left or right slightly depending on the active page. The cause of this turned out to be that I had removed the link from the HTML in the navbar list for the current active page. This was because it had been done in a navbar tutorial I used to help me make the site, and I remember thinking at the time that I thought the link should not be taken out. It took me ages to figure it out and experimenting with other solutions such as changing the CSS to try and fix it. I still don't fully understand why not having the link in the HTML caused the issue, as surely a list item should display the same regardless of whether the item is a link or not (excluding underlining the link).

I am aware that there are no fallback formats for the video as the video I downloaded was in MP4 format. Instead I added a <p> tag to inform the user if they are using a browser that does not support MP4 video.

I would have liked to have included an image of the CWCWE premises on the homepage, possibly to the right of the services list, but there were no suitable images available.

The final change I made to the site was to change the container width from 50% to 75% to make better use of the available screen width for the content.

Overall I had a great experience making the website, and I feel a great sense of accomplishment after finishing it. I know that I have only scratched the surface of web development, and I am looking forward to learning about other languages and frameworks.