

# Semester 1 Website Project (20%)

**Due - Friday 29<sup>th</sup> of November**

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## General

You are required to **construct a fully responsive website using W3CSS and upload it to Moodle and a hosting server on the internet** (<https://www.000webhost.com/>). The goal of this project is to provide you the opportunity to develop skills in designing and developing a website and deploying it on a server using appropriate technologies.

## Number of pages?

There is no upper limit to the number of pages allowed in your website; however there is a **requirement that there must be a minimum of 5 pages**

## Topic of website?

Students may choose from one of the following scenarios:

1. A family business.
2. GAA club, or any club you may be involved with.
3. Video game/favourite book/film
4. Hobby of interest
5. **Please consult with your lecturer if you have an alternative idea for a website that you wish to develop.**

## Is there a project write-up

There is no project write-up, all marks will be going towards your site. However there is a **requirement** that a single HTML5 page (**report.html**) be included and accessible via a hyperlink on a menu. This page will consist of tables, anchors and hyperlinks that details page functionality and technologies used within your website. For Example:

Page	Markup	Responsive	Description
Home (This will be a link to the home page)	HTML5	Yes/No	features an image map, slideshows etc.
	CSS3/W3CSS	Yes/No	
Contact (This will be a link to the contact page)	HTML5	Yes/No	Uses forms to get user information and comments
	CSS3	Yes/No	

## Important things to note

1. Students must protect/backup their own work/material
2. Where do you begin:
  - a. Starting early and decide on a website topic
  - b. Gather as much information as possible – text, images, etc.
  - c. Sketch what you want your website to look like
  - d. Design a template for your website using semantic elements, CSS and images
  - e. This project must be uploaded to the institute server as well as being zipped and uploaded to Moodle. Please ensure you test all links before submitting your final work.
3. **Reference websites where material is sourced i.e. images, content etc.**
4. **HTML and CSS code must be valid and not contain any errors**
5. **Keep your site tasteful, respectful and relative**

## Technologies to incorporate into Project?

The primary focus of this project is for students to demonstrate their HTML5/XHTML and CSS3 skills. To that end, students should show their understanding of:

- Correct root folder and subsequent folder structures
- Hosted on free web hosting server (<https://www.000webhost.com/>)
- Template for pages
  - Header, nav, section and footer
  - Navigation bar
  - **W3CSS** must be used – make sure to test your site on small screens for responsiveness.
- Use advanced CSS/W3CSS features to incorporate multiple column layouts
- Tables, links, lists and images
- Margins and padding (CSS CSS/W3CSS)
- Borders and backgrounds (CSS/W3CSS)
- Slideshows (Dreamweaver or CSS3/W3CSS)
- Image maps (Gimp)
- All images must be in the images folder – including images referenced within the CSS files. Likewise all/any downloads must be in a download folder
- **All tags must be in lowercase and correctly nested**
- **Any HTML5 pages must be validated and the correct badge/shield must be displayed**

## Technical Requirements for Project

1. File structure: Root directory incorporating images, CSS and downloads folders
2. Website design: Layout and use of CSS in theme design
3. Well formatted code: Correct case and nesting
4. Fully validated site

## When is the deadline date for the website and what do I submit

1. Your website must be uploaded in full to the space provided on the institute server no later than **Friday 29<sup>th</sup> of November**. All links and images must of course display/work correctly
2. You are required to present your website in class the week starting Monday **25<sup>th</sup> of November**
3. You must zip your website root folder and submit this to Moodle on or before the same day (**Friday 29<sup>th</sup> of November**). Any changes to your website on the server will not be counted after this date.

## Any Advice

Get started right away, set up a root folder for your website, gather necessary files/content and always save a backup.

**Finally if you have any questions don't be afraid to ask**