

WEB DESIGN

PROJECT (60%)

**** Groups of 3 ****

PROJECT OUTLINE:

**** Design, develop and deploy a website ****

For the purpose of this web design project, each team should choose a product or service which will be marketed through the use of a website

WEBSITE REQUIREMENTS:

- The site should have a **minimum of 6 HTML pages**
 - ▶ **** Your home page should be called `index.html` ****
 - ▶ One HTML page should include a HTML form
- Site styling controlled by at least **one** external **CSS** file
- Clearly defined, consistent, navigation system
- Website must be **responsive** (Use of templates are NOT permitted)
- Use of **JavaScript** (minimum 4 examples)
- Website Deployment

REPORT:

Each group will also be required to complete a **project report** to accompany the website, which should document the whole process and should include the following information:

1. Overview
 - ▶ Introduction to your website
2. Design
 - ▶ To include wireframe, design standards, information hierarchy, etc.
3. Development
 - ▶ This should include information, such as:
 - How you implemented the site requirements outlined above
 - Details of design standards used
 - Details of noteworthy HTML/CSS/JavaScript implementation
 - Details of validation and errors, including how you fixed any errors
 - ALL details on third party resources used in project, etc.
4. Deployment
 - ▶ To include details on methods used to deploy
5. User testing, i.e. feedback from potential users
6. Details on how your team split the project work, who did what, how well you worked as a team, etc.
 - ▶ **NOTE:** All team members should be listed in on the front page of the report.

PRESENTATION:

All team members are expected to present their final project. **Any team members missing from the presentation will forfeit their presentation marks.** This presentation does NOT need to include PowerPoint slides. You will be expected to present a live demo of the finished website, as well as the website code, giving a brief outline of the process involved, pointing out significant specifications, or any additional features, such as CSS, JavaScript, etc. The presentation will also involve a Q&A session on your project.

VALIDATION:

Once you have completed your website, you will need to use the following websites to validate the code:

- <http://validator.w3.org/> to validate your HTML
- <http://jigsaw.w3.org/css-validator/> to validate your CSS

NOTE: A screenshot of your validation reports should be included in your documentation, along with any relevant information regarding validation.

SUBMISSION:

Date and time of project submission will be posted on Moodle. Please keep an eye on Moodle for details – if in doubt, ask!

Your **final project report** should be zipped into a folder **along with your website code (HTML/CSS files)** and **uploaded to Moodle** on/before the due deadline. Projects submitted after the deadline may incur penalties. **NOTE:** If your project is too big to upload to Moodle (500mb+), you may also submit using your NCI student OneDrive account.

On the front page of the project report, please make sure to include:

1. Team member's names & student numbers
2. Website Name & URL of deployed site

MODEL MARKING SCHEME:

	70+	63-69	55-62	40-54	0-39
Quality of Markup	Validated with no errors or warnings. Evidence of advanced CSS/3.	Validates against the DTD with warnings. External CSS/3 used	Validates against the DTD with minor errors. External and internal styles	Validates against the inputted doctype with many errors. Inline/internal css	No DTD at the top of documents. Inline css. No HTML5
Functionality	Advanced functionality. Many sections with clearly differentiated, as well as 'other' advanced functionality included	Good functionality, with maybe some advanced features not included	Adequate functionality	Poor functionality, little variety	Few pages submitted, all with the same functionality
Interface Quality	Professional in appearance and layout. Tested in at least 2 browsers e.g. Mozilla and IE	Almost professional in appearance. Minor differences between IE and Mozilla	Adequate appearance	Appearance is not polished	Substandard appearance, little use of fonts, color or graphics
Complexity	Excellent use of HTML/CSS/ JavaScript and 'other' advanced technical skills demonstrated	Some evidence of advanced use of HTML/JavaScript /CSS	HTML/JavaScript/ CSS usage based entirely on in class examples	Little use of CSS/JavaScript	No CSS/JavaScript