



Griffith College
Assignment Title Sheet

Course	BSC/HCC
Stage / Year:	1
Module:	Client-Side Web Development
Assignment No:	5
Deadline:	Monday 23rd May 2020 11.55pm – Late submissions will be penalized
Submission:	Upload to moodle
Weighting:	40% of the module grade

Assignment 5: Group Project: Build A Website

As a group, you are to research, plan, design and build a responsive, rich website to provide information on and promote one of the following:

- a club/society (eg could be gaa club, football club, chess club, music/dance club)
- a business
- an area/town/village. The website may provide information to local people and/or visitors.
- a subject of your choosing – this subject must be agreed in advance with the lecturer and you must have written permission from the lecturer.

The features/content the site should be based on your own research and analysis but should fulfil the main objective (to provide information on and promote) . The site should contain a minimum of 8 pages including

- A home page
- An “about us” page
- A contact us page – This should give various contact details. There should also be a form for sending comments to the site. Validate to make sure all fields are valid, and then preview the message for users. (It does not actually have to send the email to anyone.)
- An about the developer’s page with the names, student numbers and breakdown of the work carried out by each student.

Important Requirements:

The site must feature:

- An intuitive, usable interface (Navigation, page layout)
- A well organised site structure
- A suitable design with appropriate visuals (colour, images, typography)
- The site’s design should reflect the subject material, and also be easy to use and navigate.

- Your site should include imagery. Imagery should be optimised for web. You may use other people's images for this site (eg creative commons), however these must be properly referenced and attributed. References, attribution and links must be placed in-text.
- Responsive Design - The site should be optimised for desktop, tablets and mobile viewers.
- The site must be built using self-written HTML5 Markup with CSS and JavaScript. (Validated and commented). Plagiarism is not acceptable and will be taken very seriously. The site should function normally the latest versions of Internet Explorer, Firefox, Chrome and Safari.
- The design of the site must be your own. You cannot use templates (eg bootstrap) or themes. You may use certain design elements that have a public use license. In all cases you must cite any license agreement (e.g. Creative Commons). All such elements must be run by the lecturer first.
- You may use sites such as Wikipedia or other online sources for your information. This information must be properly referenced and linked.
- If there is an existing website, your site must be completely new and original.
- JavaScript – Your site should feature a responsive friendly menu, a contact form that previews the message, and one other example of JavaScript (a carousel or gallery, for instance – you can use a plugin for these).

This is a group project. All team members must meet regularly and work together. Interim meetings should be called, and all team members must be present. I will be checking in with groups in labs. If I do not see people in labs, I will assume they are not working, and their mark will be docked as such.

Deliverables:

There are two deliverables, an analysis document and a working website.

a) Analysis Document

The analysis document should be saved in PDF format. It should be named sitedocument_studentid1_studentid2.pdf. It should feature:

- A cover sheet with the names and student numbers of the team members.
- Description of site design (2/3 pages) - A description of the finished site, explaining the various decisions you made. Use screen shots with captions to explain major design decisions.
- Research (1 page) - Some links or screen shots of sites that have inspired you (can be subject related or not)
- A site-map diagram (1 page) - A diagram of the pages on your site and how they are organised.
- Wireframes (1/2 pages) - A rough wireframe of key page layouts. You should include wireframes for both full sized screens and a mobile screen.
- Review (1/2 pages) - A group statement reflecting on the work and process.

b) Working website

The website should be placed in a folder called website_studentid1_studentid2. The site and all its contents (pages, images, CSS files, scripts) should be organised in a clear manner .

The analysis document and the website folder should be placed in a folder named CSWD_Ass5_Studentid1_studentid2 and zipped using the ZIP format. Do not rename after zipping. Name it before zipping. Note: Only zip format will be accepted. Any other format will be ignored. The maximum file size uploadable is 20MB. Your site and all imagery must be below this amount.

Learning Outcomes being assessed:

- Demonstrate an advanced knowledge of client-side web standards technologies (HTML, CSS, JavaScript)
- Understand and demonstrate the importance of research and pre-planning in designing and building web applications
- Design and build standards-compliant web sites with HTML, CSS.
- Understand and demonstrate the importance of usability and user-centered design in developing web applications.

Assessment Criteria:

- Research and planning - You have undergone a procedure of research and pre-planning.
- Usability - You have considered your sites users and usability principles, and these have informed your decisions.
- Design / Concept - You have employed design principles to make your site usable and aesthetically pleasing, and this design is suitable to your subject matter. The design of your site must be consistent with the content.
- Layout - The pages are consistent and usable, with clearly defined areas of content layed out using HTML/CSS
- Innovation - You have displayed independent learning and thought to help aid your design
- Coding practice - Your mark-up is working, valid, well-organized, commented and clear. Your images are optimized for the web. Proper separation of content and presentation. Modern web design practices.
- Attribution - You have attributed all material that is not your own.
- Site Structure - The structure and names of your files/folders should be clear and meaningful.
- Presentation - You have followed all presentation (file names / file types etc.) guidelines as stated in this brief and in class.
- Group Work - You have worked together as a group successfully.