

ASSIGNMENT 2

Semester 2, 2019

ITWD5.130 Website Development

Weighting:	50% of final grade
Marks	60
Due Dates:	Week 13: 5:00PM, Friday, 1/11/2019
Notes:	Presentation & demo will be in the lab sessions and can be presented earlier than the final due date.

The School of Computing has a policy of no late assignments. However, an assignment handed in up to 24 hours late will be marked. A deduction of 20% of the total marks available will be made. Any assignments received more than 24 hours late will not be marked but can be used as evidence of completing terms.

INSTRUCTIONS

Students are to attempt all tasks.

All work submitted must be original and entirely your own work, except where you use ideas, quotations, tables, diagrams, code or any other material from other writers. In such cases you must acknowledge the source using the APA referencing style.

Unless you have prior approval from your lecturer, no part of the work submitted may be used as part of any assessed work for any other academic course.

You must upload a zip archive of your web site (as **LastnameFirstname_assignment_2.zip**) to the appropriate drop box on EIT Online (<http://eitonline.eit.ac.nz>) containing all the materials associated with the site.

Create a folder on your student (H:) drive called **ITWD130_Assignment2** and backup your web site.

Partial marking may occur during the course.

A completed assignment must be uploaded by 5:00PM on the due date.

OVERVIEW

The purpose of this assignment is to create the static website that students have designed in assignment 1.

Students are required to demonstrate their understanding of website development process, design principles (User Interface, Wireframe, Storyboard) and their ability to apply the technical skills (HTML, CSS, and JavaScript) in developing a real website for a specific purpose.

- The website design brief is based on your assignment 1.
- It is important that you spend your time implementing the project rather than sourcing the material.
- Implement your Web Pages so that the intended audience has easy access to the material.
- Any material down loaded from the Internet must be acknowledged and referenced.

REQUIREMENTS

Your finished website must exhibit an attractive page design and elements, which demonstrate your knowledge and competency at using the Web authoring tool and programming with HTML. Your Web Site design and structure is to be **original**. As this is not intended to be a multimedia element creation paper, media elements can be original or non-original (must be credited). The project's main emphasis is in how the media is organised on the screen for the intended audience of the web site.

- **The final website** must be relevant to your website design document in assignment 1.
- **Site organisation:**
 - The pages need to be of commercial quality, and be free from spelling and grammatical errors.
 - The site must have a depth of at least three layers, and links should be meaningful.
 - A sequential series of pages (similar to a PowerPoint slide presentation) is not acceptable.
- **Page elements:**
 - All pages must have the topic name at the top, and when printed preferably fit on ONE A4 piece of paper.
 - Use div tags (rather than tables for layout).
 - Standard page elements: buttons, rules, background, headings.
- **Visual design :**
 - Eye catching design – distinguishes it from others, uses backgrounds, colours.
 - Seamless and coherent use of the media, simplicity and ease of use for the intended audience
- **Media:**
 - Appropriate images and animations which relate to the text content
 - At least one original image and one animated gif is to be included.
 - At least one interactive element, such as a JavaScript.
 - At least two digitised sounds of more than one format (e.g. wav, mp3), and at least one video with sound (may be an embedded video – e.g. from YouTube).
- **Accessibility & responsiveness:** Use of “**alt**” tags, **layout** and **design** for accessibility and responsiveness.
- **Credits:** external links, APA referencing, statement of authenticity.
- **Overall, including complexity**
 - All pages are to use a Cascading Style Sheet.
 - Professional design, something special

- Size of your web site must not exceed 10MB.

Presentation & demonstration:

- Present your web site to the class and/or lecturer with emphasis on the intended audience.
- This will be in week 13/14 (after submission) in normal scheduled class times.

Review & evaluation:

Write a word document that includes:

- On front page, include your userid, and a screenshot of the first page of your site.
- List and describe with reasons any changes to your storyboard.
- Identify any things you could have done differently, or could add to improve your site.
- Design a review form for your web site and have it completed by another student, and include a scanned copy.
- Reflect on things you learnt, think could be improved in the course and things you found helpful

MARKING GUIDE RUBRIC

Project Rubric					
	1	2	3	4	/4
	1-2	3-4	5-6	7-8	/8
Site organization and navigation	Poor submission. Folder/Files disorganized, redundant files	Folder/Files disorganized, redundant files. First page not clear, navigation confusing. Spelling/grammar errors. Sequential site	Could be improved. E.g. Too many pages. Hyperlink position not consistent	Sensible file structure/names, 3 layers deep, easy navigation spelling/grammar ok, meaningful links, not sequential, 8-12 pages	4
Page elements (e.g. 2 x CSS, no)	Broken code, mixing content and style.	Code issues (<title>, meta tags, headings, CSS, graphics,). Page (hierarchy not clear, too long). Text issues (wordwrap, used for spacing, clashing colours, fonts unreadable). Images (Text as graphics missing alt), Format tags used (Font, center, etc)	Could be improved	2 x CSS used and div tags allow for responsive design. Good clear formatted code with comments	8
Visual design	Messy site, difficult to follow. Basic design	Page layout, text (colours, white space) could be improved. Text Header/footers consistent. Site has basic structure.	Pages could be balanced better (e.g. centered). Tidy site but could include something special	Site includes something special	4
Multimedia image (1 image (orig), 1 anim gif); Audio (2 diff formats); Video; Interactive (JS/Flash)	Only a few media elements included. Inappropriate or have no relevance to the topic	Media elements missing. Links broken (e.g. images not uploaded as in wrong folder)	Media elements could be improved (layout, alt tags, some missing - original mage, not appropriate) Audio not annoying!	All media elements included to a high standard	8
Accessibility/ Responsiveness	Significant accessibility issues	Accessibility issues need to be addressed more clearly. Missing alt tags, white space, not responsive	Minor accessibility issues. Absolute text sixes (px), alts missing, "Click here" should not be used.	Site includes good clear alt/title tags. Links clear, appropriate white space. Text equivalents for media. Responsive.	8
Interactivity	No interactivity	Simple interactivity using JS	Decent interactivity using JS	Good & meaningful interactivity using JS	8
Credits and External Links	No external links/broken. Credits missing	Broken links. Credits missing	Could be improved	References in APA style. External links hyperlinked, and described	4
Complexity/ Creativeness	Minimalistic web site.	Basic web site.	Site size > 10MB. Decent functionality.	Correct use of <div>, classes, effective use of scripting, good commenting of code, professional design, responsive site	8
Presentation/demo OR Publish your website online	Poor/ minimal submission	Insufficient/too many web pages (8-12 req). Not presented as expected for degree level paper. Topic not clear at start. Basic site	Could be improved. A little more creativity to make this site something special. Word skills (such as auto Table of contents, page breaks should be used)	Well presented, exemplar for the assessment. Creative web site	4
Review Screen shot, Storyboard changes, enhancements & improvements, review form, reflection	Missing or very poorly presented	Incomplete (parts not submitted). Basic feedback	Review form needs to be more than tick boxes and should include target audience	Good feedback and reflection. Review form will provide useful feedback	4