

INFO20005, 2020: Assignment 3 Instructions

Overview

Your task in this assignment is to build a working website that implements the design that you presented in Assignment 2.

You should also describe your implementation in a report of no more than 1,000 words.

Requirements

Website (40%)

1. Create a website that implements the set of 8-10 webpages you were asked to prototype in your XD prototype. (These pages are listed in the Assignment 2 handout.)

Incorporate content from your XD prototype, or your client's existing website, supplemented as necessary by your own content or by "lorem ipsum" and stock photography.

It is not essential that your website mimic your XD prototype exactly. If you decide to change the design, explain in your report the changes you made and your rationale for making them.

Marks will be allocated as follows:

Structure (15%): Each webpage should be represented by an HTML file comprising (at least) header, main, footer and nav elements. Content should be marked up using appropriate semantic elements. Your website's home page should be called "index.html".

Presentation (10%): The website should use one external CSS stylesheet, to which each webpage is linked. All presentation should be implemented by this stylesheet. Use inheritance to reduce repetition in your CSS.

Responsive Design (5%): The website should incorporate responsive design techniques, and work well on both desktop (large) and phone (small) screens.

Behaviour (5%): The website should use JavaScript to perform relevant functions which may include: checking data entered in form fields, manipulating page content, or showing and hiding page elements.

Code Quality (5%): Your HTML, CSS and JS code should be of high quality: well-formatted, and with explanatory comments that allow a reader to understand your code.

Report (10%)

2. Write a report on your implementation, as follows:

- Describe how you implemented the website, by explaining your choice of particular HTML, CSS, JS and responsive design techniques. Illustrate your explanations with screenshots and snippets of code. (8%)
- As in Assignments 1 and 2, present your report as a professional design document. The report should be an excellent piece of communication and well-designed with regard to typography, colour and layout. (2%)

Supplementary materials

A webpage layout template, called “template.html”, has been made available for you on Canvas. This is a single HTML file with a basic webpage structure and responsive design. You may (but do not need to) use this as a basis for creating your website.

Submission details

To be completed	Individually
Due date	Exam period: Friday 19 th June by 11:59 p.m.
Assessment weighting	50%
Word limit	1,000 words maximum per report
Document format	Zipped website files + PDF report
Submission	via LMS (Canvas)

Assessment criteria

Your work will be marked according to the percentages listed above, yielding a total of 50%.

Your website will be read from local storage (not a server) and viewed using the Google Chrome browser: thus, if you are not using Google Chrome, you should that check your site works as expected in that browser before submitting it.