

Assignment, Part B

Website Project

Semester Two 2018

Due date: Friday 9 November, 5.00pm

Submissions received late will be subject to a penalty of half a grade per day or part of a day. This means half a grade for the assignment as a whole (parts A & B combined); a penalty will not be used to cause the assignment to fail. If you need to submit an assignment late, please contact your lecturer ahead of the due date (if possible) to discuss the situation. A medical certificate will usually be required.

Marks

SECTION	TOPIC	% OF COURSE GRADE
Part A	Website specification	10%
Part B	Website implementation	40%
TOTAL MARKS:		50%

Assignment Part A is worth 10% and Assignment Part B is worth 40% of the total marks for this course. **In order to get a grade for the assignment, both parts must be attempted to a reasonable standard and submitted** ("reasonable standard" is at the discretion of your lecturer). **This is a must-pass assignment**, which means you must achieve at least 50% in the assignment (parts A & B combined) to be able to pass the course, as well as achieving at least 50% overall for all assessments.

Conditions

Work you submit must be your own. You may discuss assignments with other students, but sharing your work or handing in work that is substantially the same as another student's is not permitted. This applies to parts of the assignment too, not just the whole. Students should know where to draw the line between getting legitimate outside assistance with course material and outright cheating. If you are uncertain about what this means, consult your lecturer before you collaborate.

Ara and its division members reserve the right to use electronic means to detect and help prevent plagiarism. Students agree that when submitting this assignment, it may be subject to submission for textual similarity review to Turnitin.com..

PART B: WEBSITE IMPLEMENTATION (DEVELOPMENT)

In this part of the assignment, you will develop the website you created the specifications for in part A. Read this whole document carefully.

Website requirements

Client requirements

- Make sure you review your client's requirements and that you implement what has been asked for. These are provided in the project forums on Moodle.
- If you need to ask a question, start a new discussion topic in the appropriate forum.

Develop a website based on your website specification document

- Make sure that what you create matches what you have put in your website specification (e.g., you cannot create a website that looks completely different from the designs you submitted). Pay attention to SEO too.
- You should use the sign-off form supplied to ask your client for permission to make significant changes to your specifications. E.g., if you want to change the design, you should ask your client first. In practice, this means you should show your client a new design and get their approval. If you aren't sure what a "significant" change is, ask your lecturer.

Technical requirements

- You must create your web pages using a text editor, such as Notepad++.
- You cannot use a framework (e.g., Bootstrap, Grid CSS) or website templates (whether downloaded or from other students, etc.).
- You are advised to start with the basic files given on the course Moodle page.

Responsive design

- All pages of your website should be responsive.
- You should use a rem-based method like that shown in class—do not create media queries with pixel-based break points.
- You should respect the users' wishes and default to a base font size of 1rem. Remember that the default for most web browsers is 16px, but your users might have increased that, so test your design with a larger font size (change your browser's settings).

Multimedia

- Any multimedia (video; audio) you include should be incorporated into your pages using HTML5 elements. Do not just link to video on other websites (e.g., YouTube) – download/acquire video files and make them part of your project.
- Multimedia should be reasonably short and optimized for use on the web.
- Video should use normal controls.

Forms

- Any form(s) you have on your website should use HTML5 validation techniques, appropriate for the content of the form (e.g., can a name field be left blank?).
- Form submission should be via email.

JavaScript

- Include some JavaScript.
- Make sure that what you include fits in with your design. Don't have JavaScript just for the sake of having some—what you do should have a purpose relevant to the content or design of your website. Obvious uses would be an image slider or a "mobile menu".

Search Engine Optimisation (SEO)

- Make sure your home page implements the SEO techniques you described in your website specification.

Timeline

- Include completed timeline.

Code validation

- Write valid HTML5; pages should validate with no errors.
- Write CSS which validates with no errors.

Project submission

You need to submit these items:

- Your website
- Your original designs from specifications
- Any change request forms

Put all your files in a folder named like this:

Last name, First name - BCIT141 Project
(e.g., Jones, Jane - BCIT141 Project)

Submit your project folder to this drop box on P: drive:

P:\Dropboxes\BCIT141

Remember there is a penalty for late submissions—see the first page of this document.

Marking Guide

Overall website quality	4
Website matches requirements & specifications	8
HTML & CSS	6
Responsive design	8
Multimedia	4
Forms	4
JavaScript	4
SEO	2
Total marks	40