

BCIT141 Website Development

Assignment, Part B

Website Project

Semester One 2022

Due date: Sunday 5 June, 11.00pm

Submit to the drop box on Moodle

Submissions received late will be subject to a penalty of 10% per day or part of a day. 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 forum 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 are not 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 website templates (whether downloaded or from other students, etc.).
- You cannot use a framework (e.g., Bootstrap).
- You are advised to start with the basic HTML and CSS files given on the course Moodle page.

Responsive design

- All pages of your website should be responsive, following the principles we covered in class.

Media

- Any media (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.
- Media 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

- The website should have a JavaScript "mobile menu".
- You can have other JavaScript elements (e.g., an image slider) if you wish, but these are optional extras.

Search Engine Optimisation (SEO)

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

Code validation

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

Project submission

Submit these items:

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

These need to put in a folder and subfolders organised and named like this:

Your Last Name, Your First Name - BCIT141 Assignment B

- Website
- Documents

In the Documents subfolder put your original designs and any change request forms.

Zip up the main folder and submit the zip file to the Moodle drop box. Note: do not use other compressions formats like rar - we have asked for zip files.

Submissions that do not meet these requirements will be rejected.

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