Bachelor of Information Technology
Web 1: Technology and Development
Level 5, Credits 15

Assessment Task
Group Web Development Project

Assessment Overview

This is one of four assessments for this course. This assessment requires you to demonstrate your ability to work ethically as a group to develop a useful, dynamic website to meet specific needs, using modern web protocols and collaboration tools.

Assessment Table

Assessment Activity	Weighting	Learning Outcomes
Assignment	20%	1,2,3,4
Skills Based Assessment	30%	1,2,3,4
Checkpoints	20%	1,2,3,4
Project	30%	1,2,3,4

Conditions of Assessment

You will complete this assessment during both learner-managed time and class time. This is a group assessment and all group members will receive the same mark. If you do not participate and contribute adequately to the group work (as demonstrated by consistent helpful commits), the lecturer will remove you from the group at their own judgement and you will not receive a mark.

Authenticity

All parts of the project must be the work of the group. Where libraries, frameworks or code snippets are used, these must be fully disclosed in a reference section of your website. The majority of content must be written by members of the group, and any quoted or paraphrased material must be attributed to the original author. All images or other media used in the site must comply with the appropriate licencing and copyright laws.

Late Submission, Reassessment, Extensions

As per the Course Descriptor and School and OP policies.

Learning Outcomes

1. Develop client-side web applications using HTML, CSS, and Javascript.
2. Use basic web communication protocols.
3. Apply fundamental design principles to the construction of client-side web applications.
4. Demonstrate ethical internet practices.

Instructions

In groups of two or three, you will take on the task of developing an integrated web presence for a community organisation or development initiative using a static site generator to produce dynamic content with client-side hosting.

The web presence must:
- Contain at least five pages
- Be aesthetically pleasing and professionally presented
- Contain dynamic content (e.g. a news section or blog)
- Have the ability to incorporate multiple channels (social media links, RSS feed etc)
- Address an area of social need/community good
- Only contain images, media and content that you have permission to use

You must also produce a development wiki which is updated weekly and also answers the following questions:
- What is the business problem or opportunity?
- What do users of the site want to achieve?
- How does the experience design reflect the business problem and the user expectations?
- What decisions did you make about style?
- What decisions did you make about layout and navigation?

Project ideas
All projects must provide some kind of social good. Some examples:
- A website celebrating the heritage of your suburb or home town
- A website about local walks and trails/outdoor activities
- A website supporting a community project or small business

It is not required that we have an actual person as client for this project. We do, though, need to have at least a conceptual "client" i.e. Who is the sponsor for this project?

Business problem
The first goal is to understand why your website would be needed (both by the sponsor and the users). You need to develop a clear definition of the driver or problem that your site solves and the intended impact. This problem definition should be included in your project wiki.

Functions
Also in your wiki, compile a list of functions (things your site needs to do) and content (material it needs to present). Group things that are similar and take into account the different types of user your site is aimed at. Remember to capture things that might not actually be on your site, such as Facebook links, existing paper-based systems etc.

Planning
Your project wiki should also include evidence of your planning for the site. This could include scanned drawings or photographs of whiteboards.

Timeline

Tuesday 5 June – pick a group and a topic. Have your topic approved by lecturer.

Friday 8 June – lightening talk: as a group, present your project idea to the class. Maximum time: 3 minutes. Minimum 3 slides. Presentation should cover the following:

- What decisions did you make about themes, layout and navigation?
- Words about your intentions in the layout and navigation of your website.
- Include screen shots of wireframe etc. (This may or may not match your final product).
- You must include your project topic, client, potential content and a mockup of your design.

Every week – update your project wiki.

Friday 15 June – all projects to be live. No commits after this date will be marked.

Tuesday 19/Friday 22 June – final project presentation: 10-15 minute group presentation about your journey from early planning to the final product.

- What went right?
- What went wrong?
- What did you learn along the way?
- Showcase your final product.

Submission Instructions

You should collaborate on this project using git as your version control system and either GitLab or GitHub (up to you, but both offer free private repos) for a remote repository that everyone can access.

You will hand in the project by handing in the URL to the live version on Moodle as well as a link to the remote repo. You must add your lecturer as a collaborator on the repo.

Marking Schedule

Features:	Mark	
Has 5 pages	5	
Easy to Navigate	5	
Social Need fufilled	5	

Questions Answered:
  1. What is the business problem/opportunity?
  2. What do the users want to achieve?
  3. How does the experience design reflect the business problem/user expectations?
  4. What decisions did you make about style?
  5. What decisions did you make about the layout and navigation?
	1
	
	1
	
	1
	
	1
	1	

Social Media Channels Incorperated	5	
Content is relevant and not copy/pasted	15	
Design – professionally presented/suits topic	20	
Lightning Talk	5	
Presentation – professional & showcases journey	25	
Wiki/diary has been kept up to date (not last minute)	10	
Spelling and/or Grammar errors (minus 1 for each)	-10	
Total	**100**	