

<b>Module Level:</b>	Level 4
<b>Module Code + Name:</b>	CSY1063   Web Development
<b>Credit Value:</b>	20
<b>Module Leader:</b>	Ankit Thapa (ankit.thapa@nami.edu.np)
<b>Assessment Code + Type:</b>	AS1
<b>Assessment Deliverable(s) as stated in the Module Specification:</b>	The purpose of this module is to give students an understanding of client-side web technologies. This module provides students with: the essential knowledge and practical skills to design, develop and implement a Web site to contemporary web standard
<b>Weighting (%):</b>	<b>50%</b>
<b>Submission Date:</b>	

<b>LEARNING OUTCOMES ALIGNED TO THIS ASSESSMENT</b>
<b>Aim:</b> Develop and demonstrate knowledge and understanding of web development by creating a responsive portfolio website with HTML, CSS, and Git/GitHub management.
<b>Subject-Specific Knowledge, Understanding &amp; Application</b>
a) Use HTML with CSS to design and develop interactive responsive web pages that scale to different displays
<b>Changemaker &amp; Employability Skills</b>
d) Review own work and identify where improvements can be made. Make, justify and implement decisions following analysis of options

**NOTE:** Students who can not demonstrate understanding of their work, will not pass. The module tutor may invite you for an online viva-voce. Poor demo/viva could negatively influence other sections in the marking criteria and result in an overall fail grade.

## ASSESSMENT OVERVIEW

This assignment requires you to complete all assignment tasks to achieve the learning outcomes.

This assignment requires you to complete a web development project individually, which involves designing, developing, and demonstrating a portfolio website. The portfolio must contain a minimum of five pages, each serving a specific purpose, with a consistent, responsive design throughout.

## ASSESSMENT TASKS

### TASK 1: PORTFOLIO WEBSITE DEVELOPMENT

You are tasked with developing a portfolio site with at least five pages:

1. **index.html** (home page) the first page is the home page which introduces the site's it introduces the site's purpose (portfolio), it could have a brief bio, tagline, welcome (like "Hi, I'm John" or the purpose of the site).
2. **project.html** (project page) this page will contain placeholder images that will eventually be replaced with your work from term 2 and other modules where you make things worthy of your portfolio. You need to use a different grid layout from the rest of your pages to demonstrate your skill.
3. **contact.html** (Contact page) this page will contain your contact information and a form. Note: For CSY1063 you make the form launch the user's email program. Although this is not strictly the best way of working, you won't be able to implement a better solution as that requires a server-side language such as PHP which we will not use in this module.
4. **videoDemo.html** (Video demonstration page) this page will act as your video demonstration, you need to either use an iframe and have your video displayed on the page or show a URL that directs the user to your video demonstration. Failure to include a video demonstration will result in a capped grade.
5. **sitereport.html** (Site report)
  - The report (250 word minimum) will contain your experience of learning the basics of web development, coding, design and debugging process. This should be a log or an informal conversation explaining your development experience. Include your ups and downs!
  - A 'reflective discussion of your module experience'
  - You will set out in the report the development of the site over the term and focus on both the technical and design of sites user interface (UI).
  - Explain the design decisions you made, how you chose the font/colours and link to any sites which influenced your website's design.
  - On this page, include screenshots of validation reports showing that your pages HTML and CSS validate
  - Include the URL to your video demonstration in your report (Media Space or YouTube)

Each page should be linked through a navigation menu, with consistent design across all pages. The website must be responsive, ensuring proper functionality on both desktop and mobile devices.

You should ensure that you use the correct tags where appropriate. You will lose marks for using `<div class="nav">` instead of the correct `<nav>` tag!

In addition, your code should be uploaded to GitHub with regular commits logging your changes throughout the term. **Failing to upload the site to GitHub or Uploading the site in a single commit at the end of the term will result in a fail grade!**

## TASK 2: GITHUB REPOSITORY MANAGEMENT

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Commit your website's code regularly to a GitHub repository throughout the development process. Your commits should be meaningful, documenting the evolution of your project.

You must have at least **five commits** from five separate dates to pass this assignment!

## TASK 3: VIDEO DEMONSTRATION

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In addition to the website, you will need to produce a short (2-3 minutes max) video demonstration that describes the website it must:

- Show each page of the website
- Give an overview of design decisions
- Give an overview of CSS concepts used

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## DELIVERABLES

You must supply **both** items of assessment and **upload them to the correct submission points**.

- **GitHub Upload**, the marker must be able to download and run your code, the video demonstration must be viewable on your website
- Source code word document

The code submission must be through GitHub

*Failure to follow the submission guidelines may result in a capped grade of 30% (F-)*

## **Assessment Submission**

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- The deadline is 11.59pm (Nepal time) on the due date
  - The completion and submission of your assignment is your responsibility
  - Work submitted through email will not be graded
- Submission should be in the appropriate format eg *word document, GitHub Repository Link*
  - You must grant relevant access to videos and links

This is **not a group project**, by submitting this assignment you are asserting that this submission is entirely your own individual work. You may discuss the assignment with other students but any code written should be your own. **Sharing your work with another student, or submitting code that was written by someone else may be deemed academic misconduct.**

If you have used any code that you did not write you must: i. Correctly reference the code in the report page (use Harvard referencing) ii. In your report page, clearly document which lines of code you used, where you used them and what they are used for.

## **Use of Generative AI and Others work**

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- This assessment applies the following Generative AI guidelines

Category 2: GenAI can be used in an assistive role

You may make use of GenAI in your assessment in an assistive role, but you must acknowledge this appropriately. Steps 2 and 3 outline the different types of GenAI use, what you need to acknowledge and how you should do this.

Failure to correctly reference any AI related content will be considered academic misconduct.

## **Academic Integrity**

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- Submitting this assignment means that this is entirely your own individual work
  - All work for this submission must be your own
  - All work for this submission must be based on module content
- All work for this assignment must be developed originally & solely for this submission
  - You may discuss work with other students, but any code written should be your own
  - All sources must be referenced and clearly cited
- You must submit all items of the assessment according to the submission procedure stated in this document

## **Grading:**

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Your grade is dependent on achievement of the specified learning outcomes for this assessment. The rubric is used as a standard benchmark so assignments are marked equally. The grading rubric is based on the criteria you are assessed on..

- Marks are given for assignment requirements only
- Late submissions are not allowed
- Grades above 40% are a pass mark
- Passed assessments can not be retaken to improve the grade
- Students with grades less than pass (40%/D-) get 1 opportunity to resit the assessment
- Standard resit grades are capped at a pass (40%/D- grade)

### **Marking Criteria**

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See below

## Marking Criteria

Aspect (& weighting)	Excellent	Good	Satisfactory	Needs some more work	Needs much more work
Implementation of pages (30%)	<p>Correct tags are used for the correct purpose and 4/4 of the following:</p> <p>Website is mobile friendly</p> <p>Use of animations</p> <p>Display: grid for website layout</p> <p>Consistent layout across all pages</p>	<p>Correct tags are used for the correct purpose and 3/4 of the following:</p> <p>Website is mobile friendly</p> <p>Use of animations</p> <p>Display: grid for website layout</p> <p>Consistent layout across all pages</p>	<p>Correct tags are used for the correct purpose and 2/4 of the following:</p> <p>Website is mobile friendly</p> <p>Use of animations</p> <p>Display: grid for website layout</p> <p>Consistent layout across all pages</p>	<p>Pages work but are very basic and minimal.</p> <p>Wrong tags are used in the wrong locations.</p>	<p>Does not meet requirements for a bare pass, uses tables for layouts, absolute URLs or position: absolute, or outdated methods such as font tags or frames, or uses bootstrap or a similar off the shelf solution.</p>
Responsive design (20%)	<p>3/3 of these have been completed:</p> <p>Hamburger icon only appears on mobile phones</p> <p>Menu can be closed/opened</p> <p>Website layout has been redesigned for use on a mobile</p>	<p>2/3 of these have been completed:</p> <p>Hamburger icon only appears on mobile phones</p> <p>Menu can be closed/opened</p> <p>Website layout has been redesigned for use on a mobile</p>	<p>1/3 of these have been completed:</p> <p>Hamburger icon only appears on mobile phones</p> <p>Menu can be closed/opened</p> <p>Website layout has been redesigned for use on a mobile</p>	<p>Mobile version exists but has significant issues, e.g. menu does not work or everything is too crammed together, not consistent across the different pages.</p>	<p>Website is not responsive. The website lacks a mobile version or any attempts at adapting to smaller screens.</p> <p>No media attribute or media query has been used.</p>

Validation and code quality (20%)	All HTML and CSS files pass validation	1 file (html or css) fails validation	2 files (html or css) fail validation	3 files (html or css) fail validation	Over 3 of files fail validation
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Site report (10%)	Well documented, thoughtful site report	Good reflection and technical documentation	Some reflection and technical documentation	Little reflection and technical documentation. Missing some required sections	Little to no report, under 250 words.
GitHub usage (15%)	Regular commits over time with meaningful commits and messages, multiple branches have been used	Regular commits over time with meaningful commits and messages	GitHub used throughout with some commits	Some use of Git to manage changes with at least 5 different commits on different dates and uploaded to GitHub at each point	No code uploaded to GitHub or a single commit at the end of term
Video Demonstration (5%)  <b>A video fail will result in an overall assignment fail!</b>	<p>To pass, the video must show all pages created, document design decisions and a provide good overview of the HTML structure and CSS used. This is a requirement to check that you understand the code you have submitted.</p> <p>2-3 minutes.</p> <p>If the marker has any questions you may be asked to attend an online viva to discuss your submission.</p>				

Note: An A+ requires exceptional work which goes above and beyond which is outlined here.