SINGAPORE POLYTECHNIC
SCHOOL OF COMPUTING

COMMON INFOCOMM TECHNOLOGY PROGRAMME (Year One)
DIPLOMA IN APPLIED AI AND ANALYTICS (Year One)
DIPLOMA IN INFOCOMM SECURITY MANAGEMENT (Year One)
DIPLOMA IN INFORMATION TECHNOLOGY (Year One)

Module Code	:	ST0501
Module Name	:	Front-End Web Development
Acad Year/Semester	:	2023/2024 Semester 1
Assignment Title	:	CA1 – Static Website
Assignment Type	:	Individual
Weightage	:	40%
Deliverables & Deadline (what & when)	:	**All files used in the web pages.** **29 May 2023, Monday 0900HR** Digital submission in Bright Space using File naming convention as follows: CCC1AXX_nnnnnnn_yourname.zip Where CCC is your course name e.g. DIT; 1AXX is your class number e.g. 1A01 and nnnnnnn is your admin number e.g. 2312345.
Late submission after the deadline	:	**50%** of the marks will be deducted for assignments that are received within **ONE (1)** calendar day after the submission deadline. **No** marks will be given thereafter. Exceptions to this policy will be given to students with valid LOA on medical or compassionate grounds. Students in such cases will need to inform the lecturer as soon as reasonably possible.

Objectives

- Understand structures of HTML to build web pages
- Apply styles to the HTML elements using CSS
- Apply Graphic Design with CSS
- Design Page Layout for web content

Assignment Theme: Save the Earth

Target Audience – Any individual that is aged 16 and above. Your objective is to educate and inspire visitors to take action towards a more sustainable future.

Content to include in your website:

- A page to introduce yourself – Your values, interest and personality.
- A page to share your opinion about what we can do to help in saving the earth. Give at least three personal goals that you can set in doing your part in sustainable development.
- A page to describe what SP has done in term of environmental sustainability.

Technical Specifications:

- Create a website of **three** web pages (Include the first landing page of your website using file name: **index.html**).
- Fair use of free stock images/photos (must give attribution on source of images in your comments).
- You are allowed to use content provided by SP (must give attribution on source of images in your comments).
- You are not required to add javascripts in your assignment.
- You are **not allowed** to use content and designs elements from templates or use frameworks like Wordpress, Drupal, Joomla, Wix or any other frameworks.
- Make sure your website can be viewed properly using Google Chrome Browser.
- Your website need not be web-responsive but website must be viewable with screen resolution of 1366x768 or 1920x1080.
- Web Graphics file size should not exceed 800KB (per graphic file).
- All Styling, Layout and Graphic effects should be accessed via external files.
- No fatal errors in validating web pages and CSS styles.
- Add comments in all HTML and CSS files.
- Organization of files (there should be folders to segregate different types of files eg. html, css, graphics files).
- Apply proper file naming convention

Deliverables:

Zip all the relevant files and folders into a single compressed file and name your compressed file using your course name, your class number, your Admin Number and your name:
E.g. DIT1A01_2312345_Peter_Lim.zip and submit it via Bright Space.

Warning:

Plagiarism means passing off as one's own the ideas, works, writings, etc., which belong to another person. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turning it in as your own, even if you would have the permission of that person.

Plagiarism is a serious offence, and if you are found to have committed, aided, and/or abetted the offence of plagiarism, disciplinary action will be taken against you. If you are guilty of plagiarism, you may fail all modules in the semester, or even be liable for expulsion.

Marking Scheme:

1	Content and Layout Design	20%	• All content must be user-centric, well-written, accurate, informative, and worth reading for the target audience. • The web pages should be well-organized. • It is easy to locate all important elements. • Website is aesthetically pleasing or attractive.
2	HTML coding	20%	• Organize page content with *HTML5* sectioning elements. • Link to files (using relative paths) within a website and external website. • Include special characters and images. • Error-free - validation of website using https://validator.w3.org.
3	CSS coding	30%	• Apply text, font style and colours in CSS. • Use contextual selectors. • Work with attribute selectors, margins and padding selectors. • Use pseudo-classes and pseudo-elements. • Define list styles. • Page Layout using CSS (Floating elements, Layout grid or CSS Positioning Styles) • CSS scripts are well-organized. • CSS scripts are coded optimally, no unused or unnecessary CSS scripts found. • Error-free - validation of website using (https://jigsaw.w3.org/css-validator/.

4	Graphic Design with CSS	20%	• Any **five** of the following Graphics Effects:
			  ○ Create a figure box and figure caption
			  ○ Add a background image
			  ○ Add a border to an element
			  ○ Create text or box shadow
			  ○ Create linear or radial gradient
			  ○ Apply a 2D or 3D transformation
			  ○ Apply a CSS filter
			  ○ Create an image map
			• CSS scripts are well-organized

			• CSS scripts are coded optimally, no unused or unnecessary CSS scripts found • (Validation of website using https://validator.w3.org/ and using https://jigsaw.w3.org/css-validator/
5	General website management	10%	• Each image file size <800KB and source quoted. • Viewed proper using Chrome, correct screen resolution, Scripting and Styling accessed via external files. • Comments in all HTML and CSS files. • Files and folders are well-organized, correct mode of submission (See 'Deliverables and Deadline' in page 1 of this document). • Apply proper file naming convention.

-THE END-