

**SINGAPORE POLYTECHNIC
SCHOOL OF COMPUTING**

**COMMON INFOCOMM TECHNOLOGY PROGRAMME (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	: 2019/2020 Semester 1
Set by	: Janny Chan
Assignment Title	: CA1 – HTML & CSS Website
Assignment Type	: Individual
Weightage	: 40%
Deliverables & Deadline (what & when)	<p>Part I: Project Plan report</p> <p>Week 3, 28th April, Sunday, 2359 hrs Digital submission in Blackboard (esp.sp.edu.sg)</p> <p>Part II: HTML/CSS web site files and other graphics/assets needed in your webpage</p> <p>Week 7, 2nd Jun, Sunday, 2359 hours Digital submission in Blackboard (esp.sp.edu.sg)</p>
Late submission after the deadline	: <p>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.</p>

CA1 – HTML and CSS Website

Objectives

Through this assignment, you should be able to:

- Understand and know how to create a plan for your website.
- Employ the usage of HTML and CSS to create web pages.
- Use the Box Model to layout your website. Do not use tables for layout.
- Have in-depth knowledge of adding HTML elements, attributes and CSS layouts

Part I: Project Plan

Planning a website before developing it is important. You will create a document called Project Plan.

The project plan should contain the following:

- Objectives/Purpose of your website (why you want this to be a website; call for action)
- Target Audience (who will most likely read and find your content interesting)
- Site Type (is this a business site, corporate site, or a portfolio site?)
- Timeline (breakdown the task that you have to do to deliver your website)
- Theme (optional and where appropriate)
- Wireframes & Storyboard (minimum 3 web pages with planned layout and wordings)

Web articles on what is a project plan.

<https://www.dummies.com/web-design-development/develop-a-project-plan-for-your-website/>

[last accessed: 11th April 2019]

Part II: HTML/CSS Website

Create a website of at least **three** separate webpages using HTML and CSS. All pages must be properly hyperlinked together.

Take note that CA2 will be an extension of CA1 where you will restructure the layout with Bootstrap and add other functionalities.

Your website can be either a personal website or a business website.

Important Note:

Your website must not contain anything illegal, sexual, degrading or abusive to another person, including gambling, as well as pages that promote hate-group propaganda, nor must they provide material that is grossly offensive to any community, including blatant expressions of bigotry, racism, hatred, or profanity, or for promoting or providing instructional information about illegal activities, or promoting physical harm or injury against any group or individual.

The content and design elements of your website must be ORIGINAL. Marks will be deducted if you use content and designs elements from templates or use frameworks like Bootstrap, Wordpress, Drupal, Joomla, Wix or any other frameworks.

Technical Specifications:

Marks will be deducted if the following are not met:

- The first page of your website must be named **index.html**.
- Subsequent pages are to be named appropriately.
- The web page must be optimised for screen width of 1280 pixels.
- Make sure there are no broken links.
- Use original graphics for the purpose of highlighting your own content.
- Fair use of free stock photos must be given attribution in your website.
- The entire file size of your CA1 should not exceed 10MB (compressed).

Content Suggestions:

The following are only suggestions. You may vary the content as you see fit.

Personal Website	Business Website
<ul style="list-style-type: none">• Introduction – Background about yourself – your dreams, goals in life, your likes & dislikes, your strengths, skills etc. Include a photo of yourself.• Educational Background – Write about your educational background.• Important Events/People – Write about important events and people in your life.• Portfolio – Showcase the work and assignments that you have created or in progress. Include screenshots of your work.	<ul style="list-style-type: none">• Introduction – Introduce your business. What does your business deal with? What are its products and services?• Products/Services – Write about the products or services of your business in greater detail.• Contact Information – Where is your business situated? How can your business be contacted?• Gallery – Display a gallery of images about your products or services.

Marking Scheme:

1	Planning - Project Plan	10%	Student must formulate a Project Plan to propose their intent on the site they will be doing. The Project Plan must be neatly formatted. The plan should document the website's objectives, target audience, timeline, theme, and storyboards.
2	Content	10%	The website must provide meaningful and interesting content that is appropriate for display as a webpage.
3	Layout	10%	The website has an exceptionally attractive and usable layout. It is easy to locate all important elements. Usage of Box model.
4	Navigation	10%	Links for navigation are clearly labelled, consistently placed, allow the user to easily move from page to related pages and takes the user where he/she expects to go. A user does not become lost. Use of font-awesome for navigation icons.
5	Images	9%	Images are optimised. Images are marked with figure tag. Images are used as links. Images have an ALT tag. Favicon used.
6	Colour choices	5%	Color chosen are pleasing. Color coding should be HEX or RGB. Links colors should be consistent.
7	Fonts	5%	Assessing web fonts. Fonts are visually appropriate for the content.
8	HTML coding	16%	Proper HTML structure. All codes are formatted for readability. Commenting inside the codes. HTML5 Semantic elements used. Special characters used. Viewport specified. Error-free mark-ups.
9	CSS coding	15%	Competency in using CSS codes for styling includes the following: Commenting inside the codes. Styles are visually appealing. Styling for links. Specificity styling (id & class). No Inline and embedded style is used. Styling for forms.
10	Form content	10%	Appropriate form questionnaires that is relevant to the context of the project Appropriate layout for forms.

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 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.

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