**SINGAPORE POLYTECHNIC**

**SCHOOL OF COMPUTING**

SPECIALIST DIPLOMA IN WEB DEVELOPMENT TECHNOLOGY

DIPLOMA (CONVERSION) IN WEB AND PROGRAMMING

Module Code : ST4011

Module Name : Fundamentals of Web Development Technology

Acad Year/Semester : 2018/2019 Sem 2

Set by : Vincent Goh

Assignment Title : CA1 – Website planning & webpage creation

Assignment Type : Individual

Weighting : 30%

Deadline : Part I (Website Plan)

25Nov 2018 (Sunday), 2359 hrs

Part II (Website: HTML & CSS)  
6Jan 2019 (Sunday), 2359 hrs

Late penalties:

* 5 marks to be deducted per working day late, up to a maximum deduction of 25 marks.
* Non acceptance of assignments that are submitted more than 5 working days after the deadline.

Mode of Submission : Online Submission

CA1 – Website planning & webpage creation

1. Objectives

Through this assignment, you should be able to:

* + Create a plan for your website
  + Use HTML & CSS to create the website

The goal of this assignment is to encourage you to think critically about how information is presented online.

1. Assignment theme

Movies

Movies Reviews / Cinemas Booking (e.g. GV, WE, Cathay and Shaw)

1. **Deliverables Part I (Website plan) – Deadline Sun, 25 Nov 2018 2359hr**

To create a website is very simple as there are a lot of free tools to use. But to make sure your website is usable and engaging, some planning needs to take place. You will go through this planning to think of what you want to do for this assignment.

Your website plan in Word document should have the following scope:

* + Objective of the website
  + Target audience
  + Describe what contents will be in your website
  + Sketch/draw a structure (sitemap, content relationship)
  + Sketch/draw some Wireframe screens (your wireframes will help you code out the layout)
  + Describe your color/style theme (optional)

**Part II (Webpages) – Deadline Sun, 6 Jan 2019 2359hr**

In your webpage(s), you must demonstrate your understanding of the following HTML and CSS features:

* + Basic HTML tags
  + Layout using CSS
  + Navigation with hyperlinks
  + Effective way of information presentation
  + Use CSS to make the pages appealing

A minimum of three webpage is required.

* + Main page (with selection for searching)
  + Subpage (with form)
  + Subpage (with image gallery or any other content)

Commenting in both HTML and CSS files are encouraged. In your comments, you should list down all resources and reference websites, including where you get your images.

Graphics should be optimized for the web so resize the images.

Test your web pages on as many web browsers of different type as possible. The web page must be optimized for screen resolution of 1024 by 768 pixels (Letterbox) or 1280 by 960 (Wide).

1. Marking criteria

Website Plan: 20%

|  |  |  |
| --- | --- | --- |
| Categories | Description | % |
| Content | Inclusion of topics that makes it a project plan | 60 |
| Organization | Effectiveness (e.g. neatness) in the organization of information/analysis | 10 |
| Neatness | Neatly formatted with page heading/footers | 10 |
| Clarity | Topics written is clearly communicated on what the author wants to do | 20 |
| TOTAL | | 100 |

HTML & CSS: 80%

|  |  |  |
| --- | --- | --- |
| Categories | Description | % |
| Technicality | Demonstrate use of HTML and CSS codes to layout your webpages to make it thematic, usable and readable | 70 |
| Design | Demonstrate use of color, fonts, navigation, aesthetically pleasing layout | 15 |
| Content | Meaningful content, interesting to read/view | 15 |
| TOTAL | | 100 |

- End -