**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 : 2019/2020 Sem 2

Set by : Vincent Goh

Assignment Title : CA2 – Website with Bootstrap

Assignment Type : Individual

Weighting : 30%

Deadline : 9Feb (Sunday), 2359 hrs

Late penalties:

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

Deliverables : Webpages (including all assets)

Mode of Submission : Online Submission

CA2 – Website planning & webpage creation

1. Objectives

The goal of this assignment is to familiarize with a framework that can help you build websites easily. The website serves merely as an interface and hence, you are NOT required to write any back-end scripting programs to perform any functions over your websites.

1. Assignment theme

Travel Website

Eg. Chan Brothers  
  
You may use any license-free resources such as images and buttons available over the Internet. (Take note you have to give credit to your sources unless it is CC0 category)

1. Deliverables **- Deadline Sun, 9 Feb 2020 2359hr**

Webpages employing the use of a front-end framework

Your themed website should show features like:

search/search filters,

responsiveness,

customer reviews,

social media,

google map location,

compelling photos and images,

calendars,

pricing list,

Checkout/Enquiry form.

Etc.

You are NOT required to make your features workable as our focus is on front-end development

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.

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.

1. Marking criteria

Technical requirements with a framework

|  |  |  |
| --- | --- | --- |
| Categories | Description | % |
| Framework usage | Students must demonstrate their competency in using the framework (e.g. grids, buttons, forms, navigation) | 20 |
| Layout to support the content | Tags used for organizing contents should be logical Multicolumn layout design | 10 |
| Imagery | Good use of imagery to support the content and optimized | 10 |
| Use of form elements to  support the function | Demonstrate use of various form elements Bonus if you can display a ‘dummy page’ when Submit button is clicked. | 20 |
| TOTAL | | 60 |

Aesthetics & User Friendly

|  |  |  |
| --- | --- | --- |
| Categories | Description | % |
| Theme, colors and graphics that is consistent | Demonstrate use of HTML and CSS codes to layout your webpages to make it thematic, usable and readable | 10 |
| Navigation | Ease of navigation, user does not feel lost or confused  (e.g. Header/Footer, breadcrumbs, pagination) | 20 |
| Content | Meaningful content, interesting to read/view | 10 |
| TOTAL | | 40 |

- End -