

**AACS1483 Web Design and Development  
Assignment**

<b>Aim</b>	To test students' knowledge of how to use web development tools and techniques to incorporate markup language, cascading style sheets (CSS) and JavaScript to develop a website.
<b>Learning Outcomes Assessed</b>	<ol style="list-style-type: none"><li>1. Demonstrate the web development using web development tool, HTML, Cascading Style Sheets (CSS) and JavaScript.</li><li>2. Develop websites to cater for different types of products or services in the business world.</li></ol>
<b>Grouping</b>	This is a group-based assignment (4 or 5 persons per group). Class representative is required to tabulate and submit the group members list to the respective tutor by week 3. Students are not allowed to change group without the permission of the respective tutor.
<b>Submission Deadlines</b>	Part 1 and Part 2 : week 13 (practical class) Late submission will be penalized based on the Late Submission Policy by TAR UC.
<b>Marking Scheme</b>	The allocation of marks is given below:  Part 1 40 % Part 2 60 % <b>Total 100%</b>

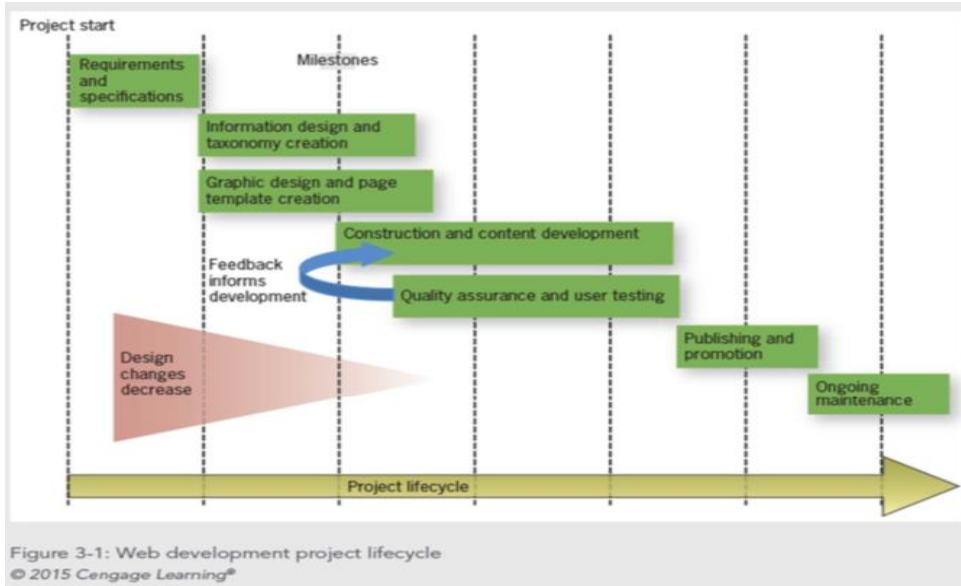
## AACS1483 Web Design and Development Assignment

### Part 1: Proposal – 40 marks

The task should include the following:

- ☐ A cover page with selected title, names of group members, tutorial group, tutor's name and submission date.
- ☐ **Chapter 1 Planning (20 marks)**
  - o Description of the organization ( page: 1)
  - o Website objectives (Justifications/reasons for developing the website) ( pages 1)
  - o Potential users of the website ( page : 1)
  - o Information the users need and want ( page: 1)
  - o Proposed deliverable of the final website (need to include all the activities and duration involved) ( page:1)

Each major task : starting date –ending date, duration : 8 days



- ☐ **Chapter 2 Web Analysis (20 marks )**
  - o Describe functions or modules which will be included in the website. Each member is in charge of two modules. ( each member -> 2 modules , page1)
  - o Example: Functions or Modules of Florist Website
    - Home Page  
Is the first page of the website. This page will show a multimedia introduction with all types of product (flower, bouquet, gift, etc) available at the florist. This multimedia introduction will last for 30 seconds.....
    - About Us
    - Flowers & Gifts (product module : different types of products -submodule)
    - Membership

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- Add to Cart
- Payment
- Customer feedback /review
- Product Delivery
- FAQ
- Live chat (customer service staff/ machine)

### References:

- List of references, resources that have been used such as books, research papers, magazines, online materials and other related materials must be listed out.

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### Part 2: Implementing Website - 60 marks

**[ \*\* Note : Students must obtain a pass mark for PLO3 (practical component -Assignment Part 2 ) even if they have already obtained a pass mark for their coursework.**

**If student total coursework mark  $\geq 50$  marks but he fails to obtain a pass mark for Practical (PLO3) coursework component , then the student need to sit for review assessment (eg. practical test, viva, written test, etc.) that provided by your practical tutor.]**

### Submission deadline: week 13 (practical class)

Students are required to work in the same group as in Part 1.

Based on the modules in Part I, develop a website that fulfills the requirements below:

#### Requirements:

Screen Resolution and Browser	Design your website so that it is best running on <b>1000 x 800 resolution</b> and 16 bit color monitor . The default web browser should be Google Chrome
Project Description	Your Website must include the following elements: <ul style="list-style-type: none"><li>• All media elements (text, graphic, audio, video and animation)</li><li>• Hypertext and hypermedia</li><li>• List (ordered/unordered/definition list)</li><li>• Formatting (Alignment, Paragraph, Font, etc)</li><li>• Hotspot / image map</li><li>• Table</li><li>• Form</li><li>• Must use CSS for all of the GUI design (use External Style Sheet for common formatting)</li><li>• JavaScript</li></ul>
Number of Webpage	The maximum number of web pages is not fixed. It should depend on the number of functions (modules) available in the Website. <b>Note:</b> Each student is required to develop <b>at least THREE web pages</b> . For example: A group of 4 members creates at least 12 pages.
Tools	You are free to use any software tools (VS code, expression web, dreamweaver, notepad ++ ) to create your Website. However, you are strongly advised to use Visual Studio Code. Please be reminded that the <b>dirty code</b> produced by these software tools may decrease the understandability and maintainability of your web pages. Students are not allow to use HTML Converter such as Microsoft Word and WordPress to create the web page.

If the respective tutor detects the majority of web pages are not students' original work then the group of students will be penalized. Punishment may include:

- i) Failing the students for the assignment **or**
- ii) Re-submission of another piece of work **or**
- iii) Downgrading the group assignment to the maximum passing grade even though the actual grade achieved is higher.

### **Format for Deliverables**

For all your reports, you are required to adhere to the following:

1. Paper size : A4
2. Paragraph format : 1.5 lines / double
3. Font size : 12 points
4. Use only one side of paper.
5. Use the Assignment submission form as the cover page.

### **Resources**

You are free to download/make use of any resources (in the form of text, graphics, audio, video, animation, etc) from the Internet and printed materials (such as books and magazines). However, the design should be implemented with your efforts. Please be reminded that you should not use the developed Website without considering the copyright issue at first. Any resources that are used in your assignment should be acknowledged in the reference section of your report.

### **Student Ethics**

Any cheating, attempt to cheat, plagiarism, collusion and any other attempts to gain an unfair advantage in assessment will cause the students concerned to be penalized.

### **Plagiarism Policy**

Refer to the TAR UC Plagiarism Policy.