Web Technologies
Individual Assignment
(HTML, CSS, JavaScript, PHP, MySQL)

Max. Marks:60   **Weight: 20%**

1. Create a personal Web site with at least 5 Web pages. (It may have more than 5 pages). You can use some or all technologies mentioned above. For example, you may use JavaScript or PHP or both for the development.

2. Page 1 is your home page and should have "hotlinks" to your other pages. Use the HTML coding method with Notepad to create your home page. *Do NOT use Expression Web or another program to create this file*. This file should be edited as pure HTML. You are encouraged to name your home page "index.htm".

3. Pages 2 & 3 should be "special interest" pages – probably related to something of personal interest to you (this section may have several related pages). These pages can contain text, pictures, descriptions, graphs, etc., and should have a dark background with light colored text. Also, you should use external CSS to manage the format for at least these two pages. This page should be "hot linked" from your home page. (A website with the centralized interface will be given advantage)

4. Page 4 should be your Résumé page. Create your resume as HTML page. Note: while there is no requirement to create a professional quality résumé, this is an opportunity to make one.

5. Page 5 should be "contact me" page. This page may store your:

   i) email id

   ii)   phone number

   iii)   home page address

   iv)   feedback

 Create a proper HTML form for getting inputs from the visitors and respond them back. (Adding an online chat will be an advantage.)

6. Your web project should contain at least two separate tables: (1) one to display text and/or numeric information in tabular format showing gridlines and borders, and (2) one to assist in organizing a web page where the table lines and borders do not show on the web page. Be sure these tables are obvious to the grader.

7. The text for hotlinks should be a different color from non-hotlink text; and the visited hotlink text should yet be a different color than before being visited. You may need to override the defaults for hotlink and visited hotlinks if the background or text on your pages are similar to the default colors of the hotlinks (as may be true on your special interest page described above). If

there is not enough contrast between your background and the default hotlink colors, you should override the default hotlink colors.

8. Page 1 should have a background downloaded from another web site(Choose a website which has similar feel).

9. Your web pages should demonstrate how to include text that is centered, italics, bold, different fonts and sizes. Again, CSS may be helpful in managing this.

10. Your web site should have two or more digital pictures

11. At least one picture or graphic should be a hotlink to another web site. That is, when you click on the image, it should take you to another web site.

12. Include a hot "mailto" email hyperlink on your site, so people can easily email you a message.

13. Include at least two icons downloaded from another site.

14. Demonstrate the use of "within page navigation" in either page 1 or page 2.

15. Place an HTML comment near the top of the HTML code in your home page that includes your name. This will not be visible when viewing the web page in a browser but will be visible when someone looks at your source code.

16. The organization, appearance, style, and originality of your web site should be pleasing and professional – make it look very nice! As noted above, CSS should be used to control the appearance of some web pages. The graders will determine some subjective points depending on a comparative assessment.

17. Your web pages must be properly loaded on a Web Server and tested to ensure that they work correctly. I.e. do the pages load properly; all icons and pictures display properly; and all hotlinks work as they should. You must properly upload the URL on slate.

Deliverable:
Complete your web pages and upload it on slate. Post your source files to any webhosting site (you may choose any free webhost provider) and test to see that it works from a browser **on a different computer than used for development**. After testing it, upload your files (all) and URL on slate (you can write the URL in the comment section). For every requirement you will get app 3 marks. Check points 1-17.