**Week 5 Group Project**

*Assignment: [Group Project] HTML, JavaScript and PHP Web site*

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The success of modern Web pages is heavily dependent on the provision of interesting and dynamic content that engages visitors and keeps them returning. Thus far, your group project Web site is only coded in HTML, and while HTML5 can create astounding, interactive content, your current pages are still relatively static (save for some basic HTML forms). For this next Group Project deliverable, your challenge is to build up the robustness of your group’s Web site via JavaScript.

Recall from Week 3 and Week 4 the interactive capabilities of JavaScript. For this Assignment, you are to add such functionality to your individual page(s) on your group web site. At minimum, you need to trigger a JavaScript function with an event on an HTML page, use DOM to change an HTML text box’s contents, apply client-side JavaScript validation and create an array. If these tasks sound general, that is because you are welcome to meet these requirements in whatever creative manner you, and/or your group, wish.

**To complete this Assignment:**

Add JavaScript to your group Web site for a fictitious business. You must be able to identify at least one page of the Web site that is your own work; thus, as a minimum requirement, each of your group’s individual page(s) must include the following features:

* A JavaScript function triggered by an event on an HTML page
* The use of the DOM to change the contents of an HTML text box
* Client-side JavaScript validation

Each member of the group must also submit an individual statement describing in detail what he or she has contributed to the group’s JavaScript code. This statement will include the names of files or sections of code within a file for which you have been solely responsible. This must also include the Web address of files that are visible on your group’s Web server space. A response such as ‘It was basically a joint effort’ will not be acceptable. Use the following table as a template and include it in your statement:

|  |  |
| --- | --- |
| Web-Site Page | Who Is Responsible |
| Home Page | Group member 1 |
| About Page | Group member 2 |
| Product Page1 | None assigned |
| Product Page 2 | None assigned |
| Service Page 1 | Group member 3 |
| Service Page 2 | None assigned |
| Contact Page | Group member 4 |

You must also provide evidence that you made a worthwhile contribution and displayed teamwork skills. You will be graded according to your individual contribution. You must also note, in your individual statement, the code you individually wrote as well as where you helped other group members (or displayed other teamwork skills). Credit will be given where appropriate. A satisfactory individual statement will normally be no less than one full sheet of A4. Moreover, you will be given additional credit for evidence of teamwork in the Group Discussion Board. That said, this is not a team programming exercise. The normal rules about collusion apply. Examples of legitimate teamwork include advice to group members about a specific problem, participation in discussions about the division of labour in the group and discussions about the general theme and structure of the group Website.

Files need not include PHP, but you are welcome to go beyond the requirements in your use of JavaScript.

**For all Assignments:**

By Day 7, upload your document using the Turnitin submission link for this Assignment.

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| To submit your Assignment to Turnitin, click the "View/Complete" link for Week 05 Group Project -- Turnitin. |