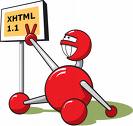
[](http://images.google.ie/imgres?imgurl=http://www.flashdaweb.com/blog/wp-content/uploads/2009/01/valid-xhtml-robo.png&imgrefurl=http://www.flashdaweb.com/blog/2009/01/30/where-submit-or-download-xhtml-templates.html&usg=__cHc2-3tzWVY0xdIwb8YaAFMVqGc=&h=520&w=547&sz=44&hl=en&start=1&tbnid=QffoKFSOsJdMxM:&tbnh=126&tbnw=133&prev=/images?q=xhtml&gbv=2&hl=en&safe=off) **Web Design Project**[](http://images.google.ie/imgres?imgurl=http://www.httpartist.com/beta/images/stories/Resources/55-Icon/21.jpg&imgrefurl=http://www.httpartist.com/beta/resources/freebies/1007-500-icons-every-designer-needs.html&usg=__aar3_X_0spiNyqzzrazDOQNnio0=&h=180&w=270&sz=58&hl=en&start=18&tbnid=WVpT6q0wA9ulWM:&tbnh=75&tbnw=113&prev=/images?q=website+icon&gbv=2&hl=en&safe=off)

**The assignment is worth 30% of your overall Mark**.

**Project Details**

You are required to develop a 4 page website for a client of your choice. The idea behind the site and the content are all down to you, but you must use HTML, CSS and JavaScript.

**Overview**:

* This assignment is to be done by individuals only
* Each person will also complete a **project report**. Each person needs to fill in a project workbook which includes information such as the requirements gathered from the client, and the wireframe designs of each stage of the project.
* Your main page should be called index.html

The website itself should contain:

* A **minimum of 4 pages of XHTML/HTML5**
* Styles controlled by at least one external **CSS** file
* Clearly defined, consistent, navigation system
* Some **JavaScript** (minimum 3 examples)
* Cloud or NCI Server Deployment

**Part 2 – Validation**

[](http://images.google.ie/imgres?imgurl=http://www.w3.org/Talks/2002/10/24-steven-ui4all-spiderbot/xhtml-phone.jpg&imgrefurl=http://www.w3.org/Talks/2002/10/24-steven-ui4all-spiderbot/&usg=__zC1X9QMuDQkZl-vQFmel2VC_KT0=&h=960&w=1280&sz=825&hl=en&start=4&tbnid=nWTVuB7Elk7BVM:&tbnh=113&tbnw=150&prev=/images?q=xhtml&gbv=2&hl=en&safe=off)

Once you have completed the website, you need to use the following website

http://validator.w3.org/ to validate the code. Also you will need to use:

http://jigsaw.w3.org/css-validator/ to validate your CSS code.

**To be handed up**

Your **project workbook (req spec and final wireframes)** should be zipped into a folder along with your **website code** and uploaded to Moodle on/before the due deadline. The name of this folder uploaded should include all group member names. Projects submitted after the deadline will incur penalties.

Deliverables:

|  |  |  |  |
| --- | --- | --- | --- |
| Project Deliverables | Initial req spec Wireframes Project Showcase Project Submission | Week 5 Week 6 Week 10 Week 11 | Students will submit using github week to week. Students should upload their own work from their own accounts. |

[](http://images.google.ie/imgres?imgurl=http://www.fisher.k12.il.us/webpage/grades.jpg&imgrefurl=http://www.fisher.k12.il.us/webpage/main.html&usg=__TnXF1qH2XRl0C9tvpvsA8D4Pf9o=&h=607&w=640&sz=49&hl=en&start=19&tbnid=6DYvhLnvhFH7DM:&tbnh=130&tbnw=137&prev=/images?q=grades&gbv=2&hl=en&safe=off) **Part 3 – Marking Scheme**

This project will be graded as follows:

**Know what you can and cannot do:**

* Advanced CSS
* Javascript
* Other advanced technical skill
* Samplar Websites (self created)
* Samplar websites list to show
* Specific questions for interview
* Create checklist of skill

**Client Interaction:**

|  |  |
| --- | --- |
|  | 70+ |
| Quality of Markup  15% | Validated with no errors or warnings. Evidence of advanced CSS/3. |
| Client Interaction  10% | Excellent requirements documentation, evidence of excellent client interaction.  Excellent wireframes documenting the redesigns of the project. |
|  |  |
| Functionality  20% | Advanced functionality. Many sections with clearly differentiated functionality included |
| Interface Quality  25% | Professional in appearance and layout. Responsive. Tested in 2 browsers e.g. Mozilla and IE |
| Complexity  30% | Excellent use of HTML/CSS/JavaScript and other advanced technical skills demonstrated |

* Client interview with website samplars (clearly differentiated advanced functionality to be kept in mind)
* Wireframe (Advanced Technical Skill)
* E-mail exchanges
* Gantt chart with requirements
* Wireframe
* Email exchanges
* Prototype
* Meeting and interview
* Questionnaire
* Final product
* Interview
* Questionnaire

**Before submitting:**

* Check all code against validators
* Test in different web browsers
* Use checklist to see how many skills used

Advanced Skill:

* Search