

*Final mark awarded*  \_\_\_\_\_\_

**FACULTY OF COMPUTING, ENGINEERING and SCIENCE**

**Assessment Cover Sheet and Feedback Form**

**2015/16**

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| **Module Code:**  **IY2S552** | **Module Title:**  **RICH INTERNET APPLICATION DEVELOPMENT** | | **Lecturer:**  **ALEX LOHFINK** | |
| **Assignment No:**  **1 of 2** | **No. of pages in total including this page: 12** | | **Maximum Word Count:**  **1000** | |
| **Assignment Title: HTML5/CSS3 Web Application Development**  **Tasks:** see attached | | | | |
| **Date Set:**  **7-10-15** | | **Submission Date:**  **10-12-15@12pm** | | **Feedback Date:**  **28-1-16** |

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| **Section A: Record of Submission** |
| **Record of Submission and Plagiarism Declaration**  I declare that this assignment is my own work and that the sources of information and material I have used (including the internet) have been fully identified and properly acknowledged as required in the referencing guidelines provided.  **Fit to Sit Policy**  The University operates a Fit to Sit policy whereby all students, in submitting or presenting themselves for any assessment, are declaring that they are fit to sit the assessment. Students cannot subsequently claim that their performance in that assessment was affected by extenuating circumstances.   |  | | --- | | **Student Number: 14568811** |   You are required to acknowledge that you have read the above statements by writing your student number(s) above.  (If this is a group assignment, please provide the student numbers of **ALL** group members)  **Details of Submission**   * IT IS YOUR RESPONSIBILITY TO KEEP A RECORD OF ALL WORK SUBMITTED. * Work should be submitted as detailed in your student handbook. You are responsible for checking the method of submission. * **Late Submission** – Work must be submitted by the submission date. If you fail to do this, you will be allowed a further five working days to submit the work but the work will be awarded a maximum mark of 40%. If you fail to submit work within five working days of the submission date, you will be deemed to have failed this assessment which will be given a mark of 0%. However see extenuating circumstances below.   **Extenuating Circumstances:** if there are any exceptional circumstances that may have affected your ability to undertake or submit this assignment, make sure you contact your Advice Shop and also see either <http://cesstudents.southwales.ac.uk/Ext_circs/> (Trefforest) or <http://glyntaffcampus.southwales.ac.uk/advice_shop/Extenuating_Circumstances/> (Glyntaff) |

# PART B

# Detailed Requirements

You are required to demonstrate your understanding of Web Application Technologies by completing the following tasks:

**Task 1**

1. Complete Assignment tutorials 1-3 and upload the site to your student web space.

**Task 2**

Produce another original website that utilises the techniques utilised in task 1and includes other technologies covered in the course. The site should include, but is not limited to, the following:

1. A homepage (index.html) containing a title, textual content, images, and at least four other pages.
2. Suitable navigation to other pages (internal and external)
3. Multimedia and other web technologies (e.g. video, JavaScript/JQuery, XML).
4. Dynamic data produced using PHP/MySQL scripts and/or XML.
5. The site must employ media queries to enable the site to adjust its display for different viewports.

**Please note: it is not acceptable to base this site on the one from task 1, it must be completely original.**

**Task 3**

A two-part report of approximately 1000 words. Part 1(500 words) should critically evaluate your website implementation in task 2. Part 2 should compare and contrast HTML4 with HTML5. The report must be concise and referenced, where appropriate.

# PART C Deliverables

* The completed tutorial files uploaded to your student webspace.
* Another website for task 2 which resides on the student web server.
* A word document containing the report (Task 3 as specified max 1000 words) and links to tasks 1 and 2.

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| **PART D : MARKING & ASSESSMENT** |

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| ***Learning Outcomes*** |  | |
| **This assignment addresses the following learning outcome(s) of the module:**   * To understand the structure of web applications and technologies. * To understand issues and be able to apply the principals involved in web applications, development and technologies. |  | |
| ***Hours of Work*** | **Number of Hours** | |
| **1. Number of hours of work that this assignment should take:** | **30** | |
| **2. Please indicate the number of hours actually taken:** |  | |
| ***Marking Scheme*** | **Marks Available** | **Marks Awarded** |
| Task1   * Assignment tutorials 1-3   Task2   * Design and navigation * Multimedia content * Dynamic content * Technical quality   Task3 | 30  10  15  15  20  10 |  |
|  |  |  |
| Total | 100 |  |

# ASSESSMENT CRITERIA

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| **Performance Level** | **Criteria** |
| Fail (Approaching satisfactory)  (<40%) | * Some attempt at website design * Broken links, poor navigation * Web-site has little or no working functionality with little or no rich media or dynamic data * Media queries inadequately implemented or not used. * No or poor report. |
| 3rd Class / PASS  (40%-49%) | * Reasonable attempt at website design * Adequate navigation * Other web technologies are included, including some use of dynamic data. * Media queries used for two devices. * Reasonable report. |
| Lower 2nd Class / PASS  (50%-59%) | * Good Design and navigation * Strong use of multimedia elements and web technologies. * Dynamic data present and functional * Media queries used for two devices. * Good report |
| Upper 2nd Class / MERIT  (60%-69%) | * Site has very good design and functionality * Very strong use of multimedia elements and web technologies. * Strong integration of dynamic data * Media queries used for 3 devices. * Very good report. |
| 1st Class / DISTINCTION  (70% +) | * Site has excellent design and functionality * Excellent use of multimedia elements and web technologies. * Excellent integration of dynamic data * Media queries used for at least 3 devices. * Excellent report. |