# 1.jpg

**WM6004 Assessment Cover Sheet**

* 1. Complete and attach this cover sheet to your assessment before submitting

*WM6004-Website Authoring 2*

**Course No. and Title:**

*JAVASCRIPT & CSS3 – WEBSITE APPLICATION - Individual Project*

**Assessment Title:**

* *[LO1] Describe the characteristics of database-driven websites and the authoring/management issues associated with them.*
* *[LO2] Create intermediate-level scripts using JavaScript to add interactivity to Web pages.*
* *[LO3] Develop a website using The Adobe Creative Suite with a back-end database.*

**Learning Outcomes:**

**Student ID:**

**Student Name:**

**Tutor:**

**Due Date: 10th December 2020, by 11:55pm**

**Date submitted:**

**Late Rule:**

***Late submissions will be graded according to the rules outlined on p.2***

**By submitting this assessment for marking, either electronically or as hard copy, I confirm the following:**

* This assignment is **my own work.**
* Any information used has been properly referenced.
* I understand that a copy of my work may be used for moderation.
* I have kept a copy of this assignment.

Do not write below this line. For Polytechnic use only*.*

**Assessor: Date of Marking:**

**Grade/Mark:**

**Comments:**

**Bachelor of Web Media**

**WM6004 Website Authoring 2**

**JavaScript & CSS3 – Website Application**

Due : Website Application due on Moodle: **10th December 2020, by 11:55pm**

Submission: 1 compressed copy uploaded to Moodle

Grade Value: 40% of the Course

**Late Submissions Rule**

Late submissions are subject to the following rules:

1. If an assessment is submitted late the maximum result the student can achieve is 60% in that assessment unless decided otherwise by the Head of School or delegate
2. The cut off time for submitting an assessment will be 3 working days after the assessment is due. A student submitting after 3 working days will get 0%
3. Extensions are not available for controlled assessments or other forms of assessment where scheduling concerns make it impracticable (e.g. workplace assessments).
4. On application, course coordinators may approve extensions to deadlines for other forms of assessment, (such as projects and assignments,) up to a maximum of 2 working days. Applications must be made before the stated deadline.
5. If a student misses an exam and is able to produce a medical report or certificate then the student is allowed to retake the assessment at another time. If the student misses a mid semester exam they would be allowed to retake at the end of the semester, if a student misses the exam at the end of the semester then the students grade would be put on hold and they would retake the assessment at the beginning of the next semester and it would be processed by Programme Committee, Faculty Board and Academic Board then.

**Introduction**

Task: to create a website that uses JavaScript and CSS to perform the following functions:

* + An Image Galary using lightbox (or any similar external JavaScript Code) with at least 10 Images
  + Self-validating form (error messages displayed on page if data is invalid. Do not use an "alert" box for this). This form must contain at least **6** mandatory fields with error messages displayed if any or all fields are empty. The form should consist of an email address field and the field should be validated (**Email must contain @ and . symbols**)
  + A form that includes a Date Picker and a Color Picker (using HTML5)
  + 14 ***unique*** examples of final and transitional CSS3 for Chrome/Safari (-webkit-), Opera (-o-) **and** Firefox (-moz-) chosen from but not restricted to the following:
    1. Menu text (glow, shadow, inset)
    2. Ribbon (over photo saying NEW or SOLD OUT)
    3. Rotate object
    4. Animation with ease in ease out
    5. JQuery zoom effect
    6. Multi background images including transparent PNG
    7. Favicon
    8. Columns (count, gap space, rule dotted)
    9. Gradient bg and jpeg version
    10. @webfonts x 4
    11. First letter (::first-letter)
    12. Centering of all objects
  + JS alert; JS prompt; JS confirm as a single self-correcting quiz
  + At least one JavaScript function should be included (for example: Include price of items, then on click of a button: calculate the price and display the total)
  + At least one instance of JavaScript variables, arrays, events and conditions used.
  + Your code should include comments for every block of code.
  + There must be middleware scripting and a backend database that is used to store information concerning products or services

**Learning Outcomes Assessed**

[LO1] Describe the characteristics of database-driven websites and the authoring/management issues associated with them.

[LO2] Create intermediate-level scripts using JavaScript to add interactivity to Web pages.

[LO3] Develop a website using The Adobe Creative Suite with a back-end database.

**Requirements**

The nature and style of the website are to be of one of the following fictitious clients :

* Spa and Salon within Tibetan Luxury Resort
* Jitterbug Car Dealers & trading company
* Polytechnic School of Creative Media
* ShutterSpace Photo Agency
* Afteem Vegetarian Palestinian Restaurant
  + Menu with prices
  + Gallery
  + Online order
  + Delivery
  + Contact us
  + Reservations
  + e.g. http://sanjhindianrestaurant.com.au/product/lamb-korma/
* Marwa's Online Beauty and Health Supplies
  + Must include: Nail polish color picker etc (see JS lab)
* The Dilmun Hotel (Bahrain boutique Bed and Breakfast)

This assignment will be marked according to the proper working of JavaScript, HTML and CSS, as well as the quality, suitability and **originality of the website’s graphic design and usability.**

You will be required to provide clear industry standard documentation with references to all sources and sources of inspiration, and an explanation of the UX.

A PDF document that includes of a list of all the features. A screen shot of the code, or reference to the html file.

For example:

|  |  |  |
| --- | --- | --- |
| Feature | File Name | Screen Shot |
| JavaScript Function | products.html | Screen Shot of the code goes here. |
| JavaScript Condition | index.html | Screen Shot of the code goes here |
| … | … | … |

The website should have a minimum of 6 pages, that can function properly without an internet connection.

You must upload the site files and documents to Moodle as a single compressed file (.rar or .zip).

The file should be named as: studentID\_studentName\_Assignment1

**No commercial or Dreamweaver templates** are to be used since the assignment is assessing code development.

Students may be asked to explain code that they have created to ensure that the work is their own.

**Marking**

To pass this assignment you must achieve a mark greater than 60%.   
The normal late rule applies: 5% deducted for every day the assignment is late.

|  |  |
| --- | --- |
| **Section** | **Weighting** |
| Accessibility Report  10% of the final mark will be based on the results of the Accessibility report created when your pages are submitted to an online validator, such as :   * Web Accessibility Checker [achecker.ca/] * WAVE Web Accessibility Tool [wave.webaim.org/] * W3C Validator [validator.w3.org/]   This is to ensure that your pages would not be disadvantaged by search engines for failure to provide “accessible” HTML. Ask you tutor for details about how accessibility is graded. | 10% |
| Quality of the design specification, the business analysis, the academic referencing of sources and the mock-ups | 25% |
| Quality and originality of the graphic design (use of colours, fonts, images in making the product as appealing as possible) | 25% |
| Quality of the coding:   * meaningful texts in the title tags, * proper use of folders in the site structure, * the home page should open without its file name being part of the URL (index.html) * elimination of all style information other than the single external CSS file), * elimination of jumping effect for elements common to all pages, * general consistency of design and user experience * meaningful file names with no capital letters or spaces * JavaScript functions work in most recent versions of Chrome, Firefox and Internet Explorer, Opera, Safari * All CSS3 rules must include transitional prefixes for Opera, Chrome and Firefox as well as final versions of property names | 40% |
| **Total** | **100** |