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| **PRACTICAL ASSESSMENT** | **Uncontrolled when printed**  **16/12/2014**  **FM02\_21b** |

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| **Student Name:** | | |  | | | **Student Number:** | | |  |
| **Unit Code/s & Name/s:** | | | ICAWEB505A: Develop Complex web page layouts  ICAWEB506A: Develop complex cascading stylesheets | | | | | | |
| **Assessment Description:** | | | P1 | | | | | | |
| **Assessment Due Date:** | | | 28 Jan 16 | | **Assessment Received Date:** | | |  | |
| **Student Declaration:** I declare that this assessment is my own work. Any ideas and comments made by other people have been acknowledged as references. I understand that if this statement is found to be false, it will be regarded as misconduct and will be subject to disciplinary action as outlined in the TAFE Queensland Student Rules. I understand that emailing or submitting this assessment electronically confirms my assent to this declaration in lieu of a written signature. | | | | | | | | | |
| **Student Signature:** | |  | | | | **Date: / /** | | | |
| **Assessor Feedback:**  **Student provided with feedback** | | | | | | | | | |
| **Attempt 1 Satisfactory  Not Satisfactory  Date:      /     /** | | | | | | | | | |
| **Attempt 2 Satisfactory  Not Satisfactory  Date:      /     /** | | | | | | | | | |
| **Assessor Name:** |  | | | **Assessor Signature:** | | |  | | |
| **Note to assessor: Please record any adjustment below that has occurred to this assessment e.g. Oral questions were used to support student’s ability to complete tasks identified.** | | | | | | | | | |
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| **Disclaimer:** TAFE Queensland North (TQN) is collecting the information on this form for assessment purposes. Only authorised Departmental officers have access to this information. Your personal information will not be disclosed to any other third party without your consent, unless authorised or required by law, in accordance with the Information Privacy Act 2009. | | | | | | | | | |

**This section must be completed by the student when the student either posts or hands a completed assessment/assignment to customer service centres. a receipt is only issued for face to face assessments when requested by the student.**

✀ **RECEIPT**

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| STUDENT TO COMPLETE |  | OFFICE USE ONLY |
| Unit of competency code/s:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |
| Assessment item/No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | Date received: / / |
| Student’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| **Instructions to Student:** | **Time allowed:** This assessment is to be completed over the semester.  **Materials and equipment to be supplied by the Student:**   * Access to a PC, Web Authoring Tools, web server and hosting.   **General Instructions:**   * You will need access to the AllStyles Design Brief * You have 3 tasks to complete. * You will need to answer **all** questions correctly * Keep a copy of all assessments as you will be required, to upload them to Github and advise your teacher for marking.   NOTE: If you are not successful on your first attempt, you will be given comments and a further one week to rectify the changes.  You will need to re-submit your corrections for remarking. If you are unsuccessful on your second attempt, you will be required to re-enrol in this unit. |
| **Instructions to Assessor:** | Please see Instructions to Student above. |
| **Assessment Context and Description: (if required)** | In order to gain competency in ICAWEB505A: Develop Complex web page layouts and ICAWEB506A Develop complex cascading style sheets, successful completion is required of the following assessments items:  * Practical Assessment |
| **Note to Student:** | An Assessment Matrix is available from your teacher upon request. The matrix shows how the knowledge and skills that you are being asked to demonstrate align to the Elements, Performance Criteria, Critical Aspects, Required Skills and Required Knowledge components of each Unit of Competency. |

**Project**

For this project you need to develop a client website according to the given design brief. The site is to be laid out, styled and formatted using advanced CSS. (If you would like to use a different design brief, this will need to be discussed with your teacher for approval prior to completing this assessment, you will be required to do additional work.)

You will need to create a new folder called '**complex\_webpages\_adv\_css\_youname**' and save all files in this folder. You should create sub folders as necessary.

## Task 1 - review site requirements

For this task you will need to review the client requirements from the design brief. You will need to document the following to be included in your report:

1. identify the main sections of the page for layout
2. create an appropriate file / folder structure for the site
3. develop a naming convention for files

## Task 2 - develop the site

For this task you need to develop the client site according to the requirements. You should:

1. Create an external cascading style sheet according to the design specifications and style guide to be linked to the pages. **Note:** You may need to adjust your styles as you develop the pages.

Ensure that you CSS file is adequately commented. It should clearly define: each of the main sections of your page and what each style or group of styles relates to.

1. Develop a responsive website for both **desktop**, **tablet** and **mobile** browsers ensuring that your CSS is applied to all pages within the site.

You can source images for your pages from the internet (ensuring that you adhere to copyright requirements and identify your source) or use image placeholders.

* Ensure there is sufficient content on each page to fully test the site. This will usually mean several paragraphs of content per page as well as images.
* Your CSS is to include advanced CSS techniques including:
  + Media queries
  + Animations
  + Child and direct descendant selectors
  + Z-index layering
  + Transparency
  + Element sizing for fluid design.

You use the information in the design brief, develop your own content or use a service such as <http://www.ipsum-generator.com/> to create dummy content.

1. Write a brief report on how you have used CSS to achieve each of the requirements for the website such as imagemaps, text styles, navigation and layout.

## Task 3 - test and validate the site

For this task you are required to test the website and rectify any inconsistencies or issues with the site. You should develop a checklist of all test criteria that you need to test against. The testing needs to be documented in a report that covers the following points:

1. Test the website across a number of different browsers to ensure consistency of presentation, (submit these as screen shots)
2. Ensure the site meets each of the technical specification criteria
3. Ensure the site meets each of the style guide criteria
4. Validate your site, including your CSS against industry standards (W3C) and (submit these as screen shots)
5. Test the website to ensure it meets accessibility standards including visual impairment (submit these as screen shots)
6. Identify any issues with the site and document your rectifications
7. Re-test the site to ensure the rectifications have been properly implemented.

You should add the following to your report for this task that details the following:

* the results of your initial testing (your completed checklist will be sufficient)
* your recommendations and rectifications to issues
* the results of your testing after you have implemented your rectifications
* 2 x recommendations for additional or changes to design features

## Project Resources

Below are a number of resources needed to complete this project. Located on the Diploma Shared Drive.

[Design Brief](file:///I:\Diploma\Diploma%20Web\WBIT\2_Complex_Web_Pages\project\resources\AllStyle%20Homes%20-%20Design%20Brief.pdf) - this document describes the requirements of the project (PDF file 499Kb)

[Wireframe](file:///I:\Diploma\Diploma%20Web\WBIT\2_Complex_Web_Pages\project\resources\AllStyle_Wireframe.pdf) - full size copy of page wireframe (PDF file 138Kb)

[Site Structure](file:///I:\Diploma\Diploma%20Web\WBIT\2_Complex_Web_Pages\project\resources\AllStyle_Sitemap.pdf) - full size copy of site structure and navigation (PDF file 86Kb)

[Logos](file:///I:\Diploma\Diploma%20Web\WBIT\2_Complex_Web_Pages\project\resources\logo.zip) - zip file containing various formats of client logo (ZIP file 95Kb)

[Imagemap image](file:///I:\Diploma\Diploma%20Web\WBIT\2_Complex_Web_Pages\project\resources\allstyle_imagemap.jpg) - source image for creating CSS imagemap (JPG file 295Kb)

## You will need to submit

The following should be included in your Github repo (please ensure that there are no additional files):

* your completed website, after testing and required corrections. (Tasks 1, 2 & 3)
* your report on the implementation of CSS: labelled Task 2 Report (Task 2)
* your testing report: labelled Task 3 Report (Task 3)

**End of assessment**