|  |  |  |  |
| --- | --- | --- | --- |
| **College:** | Sydney Tafe - Ultimo | | |
| **Qualification Number & Name:** | Diploma of Website Development | **TAFE**  **Course no:** | ICT50615 |
| **Unit of Competency Number & Name:** | ICTICT514 Identify & manage the implementation of current ind.-spec tech.  ICTWEB411 Produce basic client-side script for dynamic web pages | | |
| **Assessment Task:** | Create dynamic website | **Assessment Due Date:** | **08/06/20** |

**Assessment Instructions:**

* Complete a website with specifications detailed in the following page
* Fill in this assessment cover sheet and submit with your completed assessment task
* Sign the declaration
* Submit the completed task within the outlined timeframe

Assessment Criteria:

* See list of items needed overleaf.

|  |  |  |  |
| --- | --- | --- | --- |
| **STUDENT ORIGINALITY DECLARATION:** Please tick to indicate that you understand the following statements:  I declare that:  🞏 The attached assessment is **my own work,** except where I have cited the original source (check with your teacher as appropriate citation is different for different courses).  For the purposes of assessment, I give the assessor of this assessment permission to:  🞏 Reproduce my work and provide a copy to another member of staff, and  🞏 Validate the assessment for its authenticity which may include communicating a copy of my work to a checking service (which may keep a copy of my work on its database for future plagiarism checking). | | | |
| **Student Name:** | **Alex Goulden** | | |
| **Student ID:** | **807135473** | | |
| **Student Signature:** |  | **Date:** | **08/06/20** |

## Task description

## Develop the document

You have been tasked with applying some additional functionality to a website. The site needs to be a multipage site you have created previously – the site you used for the CSS assignment would be fine. You need to make sure this site has all the semantically correct and valid mark-up before attempting the tasks. If there are errors in your mark-up, it can cause problems for your scripting.

These tasks must be completed in such a way as to ensure the content is still accessible and usable to all. In other words, it needs to ‘degrade gracefully’.

You will be demonstrating your completed site in class and submitting the documentation to your assessor for final approval. Your site will be checked against multiple browsers - so you do need to focus on cross-browser compatibility issues.

When demonstrating, you may also be asked to articulate about the techniques you have used and why you chose to implement these solutions over others.

***Note: marking scale for this assessment -***

* To Pass this assessment you must **complete** all listed code items ***and*** include:
  + Appropriate comments that show your understanding of the code
  + **A list of completed tasks in a separate text file in the root of your folder** (see below).

As mentioned above, make sure you place appropriate comments in your code - ***this is mandatory*** - one of the competency elements requires technical documentation. This method is preferable to you having to write up an entirely new document explaining each script in painstaking detail.

You must include a simple text file or Word document in your final submission listing the names and purpose of each of the scripts attempted and the pages in your site where they have been applied.

Any code not written by yourself must be credited. Using libraries or code written by someone else (other than a classmate) is fine. Just give the author credit, document why you used it and clearly indicate in the comments what you had to do to adapt it for your project.

Image galleries can be as simple or as complicated as you choose. Remember that the main thing is the script works correctly, rather than its visual impact.

1. Validate the form on your contact page. Ensure that all text has content, and that the content conforms to requirements (you decide and document what those requirements are).

When the form has been validated, show a confirm dialog box that displays the data entered and asks the user if that data entered is correct. If yes, thank the visitor and submit the form. If no, prevent the form from submitting so users can go back and make adjustments where necessary. Ensure the form fields remain populated with data.

1. Create an image gallery that allows the user to move through a selection of recommended products/services. The user should be able to move backwards and forward through the selection.
2. Modify one of your pages, so that latest news items, faq’s or reviews are listed by headline only (show/hide effect). When a headline or question is selected, a story should open underneath it (pushing all the other headlines down). When clicked again, it should close, hiding the extra content.

## Test and document

You need to make sure you thoroughly test your site making sure all scripts work as required. Record your test results (including screenshots where indicated) in the documentation referred to in Part 1.

1. Make sure that your testing includes the following:
   * Test your website in at least two common browsers; if you have difficulty accessing different browsers and versions you can use an online testing site
   * Validate your website to ensure it meets web standards (include screenshots).
2. You must correct any issues and re-test your website until it functions correctly. Discuss and document this re-testing, including screenshots of different versions. This should include the results of using a linting tool e.g. JSLint, ESLint, or some similar tool.

You will be demonstrating your completed site in class to your assessor. Your assessor may ask you to demonstrate certain features and ask why you chose to implement them with the particular technique.

1. Submit all your documentation and your completed site at the end of the demonstration.