**Assessment type (🗹):**

Questioning (Oral/Written)

Practical Demonstration

3rd Party Report

Other – Project/Portfolio (*project)*

**Assessment Resources:**

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| Student will need:   * a thumb drive and a code editor, such as Dreamweaver or Notepad++. * Photoshop or GIMP will be needed to optimise your images. * access to the Blackboard resources and a variety of websites containing raw HTML/CSS code. * Access to validation websites |

**Assessment Instructions:**

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| **Assessment Title**  Assessment 1: Simple HTML webpage  **Assessment Time**  See Learning Plan for details.  **Assessment Due Date**  19/03/21  **Part of the Unit being assessed**  ICTWEB429 Elements 1,2,3,4 |

**Assessment Instrument:**

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| **Client Briefing**  Your client wants a website created for their pick-your-own strawberry farm. It is your task to create their homepage. The homepage must have the headings: Farm Pictures, Strawberry Prices, Strawberry Varieties, Strawberry News Article and Strawberry Breaking News. You are free to place these headings in any of the below HTML elements and fill with lorem ipsum text. The navigation bar must include the page name Home Page, Prices, Varieties, Contact Page. You are required to add a background image and at least one other image, but are free to add more.  **Part A**   1. You must provide a definition and example of the following mark-up language terms:  * **(DHTML)**   Dynamic Hypertext Markup Language describes the features of various web development technologies. It combines HTML, CSS and JavaScript.   * **HTML**   Hypertext Markup Language is the standard markup language for web pages.   * **SGML**   Standard Generalised Markup Language is the internationally recognised language for writing your own markup schemes.   * **VRML**   Virtual Reality Markup Language provides a means for rendering 3D worlds from maths equations.   * **XHTML**   Extensible Hypertext Markup Language is part of the XML markup language. It has much stricter formatting and comes with a stricter error handling.   * **XML**   Extensible Markup Language defines a set of rules for encoding documents in a format that is both human-readable and machine readable.  You must answer this these questions   1. **Summarize the target audience**   The target audience is people using the strawberry farm’s website to find out more about going to pick their own strawberries.   1. **Explain which mark-up language you will use based on the target audience.**   HTML, as the audience will be wanting to visit the webpage on a mobile, tablet or desktop web browser.   1. **Define HTML schematics and explain the how you will use correct schematics for your webpage**   HTML semantics provide clarity to the developer and the browser displaying the content. They are clearly defined elements and they tell you things about the content being displayed.   1. **Describe how the structure of your web page will consider accessibility.**   The webpage will ensure accessibility through the use of HTML semantics so that the user can enable audio describing services. It will also use accessible colours and font sizes and plenty of contrast so that text can be read easily.   1. **Identify and describe accessibility issues**   People might have sight impairments or certain disabilities that make it hard to read certain fonts (ie dyslexia).   1. Summarise the accessibly features of at least at least three different web browsers.   Chrome:   * TalkBack – which reads text aloud and the user can reply back to it. * Image descriptor – which reads aloud the image’s alt text * High contrast - changes the colours of web pages for those with vision impairment   Safari:   * VoiceOver screen reader – reads the screen to blind users * Enhanced keyboard Navigation – * Full page zoom/ Zoom text only – allows for the size of fonts to be increased. * Reduce motion on the screen –   Edge:   * Immersive reader – reads the screen aloud for users * Visual definitions of words – ie for children or people new to a language * High contrast – allows for those with vision impairment   **Part B**  Based on the wireframe below, you will need to create the webpage using all the below HTML elements:   |  | | --- | | **HTML Elements**   * DOCTYPE * html * head * title * body * nav * aside * article * h1, h2, h3 * p * div, span * ul, li, ol, * footer * header * img * section |     You can use the following dimensions:  Max-width of outer is 1020px, height of header is 200px, height of footer is 150px.  The ASIDE in Mainbody is 33% wide, and each ARTICLE in the black SECTION needs to be 50% wide. This means the right container needs to be 67%.  **Part C**  Please make sure that you add a background image, images within the content and use any text (Lorem Ipsum) for the articles. You will also need to add a valid navigation element (please refer to blackboard exercise for Apples).   * Centre the webpage and use the CLEARFLOAT class. * Validate your HMTL and CSS code. * Submit the validation reports. * Ensure your webpage works across browsers * Ensure that you ZIP your work and submit the ZIP folder to Blackboard |
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**Assessment Feedback**

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| **Qualification National Code and Title** | | | Certificate IV in Web-Based Technologies (ICT40315) AWE7 | |
| **Unit National Code and Title** | | | AUP99 ICTWEB429 - Create a markup language document to specification | |
| **Assessment** | | | Assessment 1: Creation of simple HTML5 webpage | |
| **Student name** | | | **Student I.D.** |  |
| **Assessor name** | | |  | |
| **Date** |  |  | | |

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| **Lecturer name** | | TBA | | | |
| **Student name** | |  | | | |
| **Student ID number** | |  | | | |
| **Telephone contact number** | |  | **Email:** | | |
| By completing and submitting this signed form to my lecturer, I am stating that:   1. The attached submission is completely my own work 2. I have correctly cited all sources of information used in this work (if required) 3. I have kept a copy of this assessment (where practicable) 4. I understand a copy of my assessment will be kept by the NMTAFE for their records 5. I understand my assessment may be selected for use in the NMTAFE’s validation and audit process to ensure student assessment meets requirements | | | | | |
| **Student Signature** |  | | | **Date** |  |

**Marking Guide**

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| **Part** | **Student is able to …** | **D or NYD** |
| A | Summarize the target audience |  |
| A | Explain which mark-up language you will use used based on the target audience. |  |
| A | Define HTML schematics and explain the how you will use correct schematics for your webpage |  |
| A | Describe how the structure of your web page will consider accessibility. |  |
| B | Use the required HTML elements |  |
| B | Create the HTML layout identical to the wireframe and all nesting matches the specified requirements. |  |
| B | Use the HTML elements correctly based on content and in relation to other elements in the document. |  |
| B | Create a HTML tag that can be used for CSS to reset formatting for a footer element to display correctly. (example: clearfloat) |  |
| B | Use HTML tags for used with CSS to display appropriate background image and contains images within the body of the website using the appropriate HTML tag. |  |
| C | Validate the HTML and CSS. |  |
| C | Develop the page to work across browsers |  |

**Student Feedback**

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Lecturer Signature: Student Signature: