# Student Version

| **Section A – Course details** | | | |
| --- | --- | --- | --- |
| **Qualification code:** | ICT40120 | **Qualification title:** | Certificate IV in Information Technology (Web Development) |
| **Subject Code:**  **Unit code:** | (WEBON1)   ICTWEB431  ICTWEB452  ICTWEB433 | **Subject Title:**  **Unit title:** | (HTML5 & CSS3)   Create and style simple markup language documents  Create a markup language document  Confirm accessibility of websites |
| **Department name:** | BDIT, Computing & Information Technology | **CRN number:** |  |

| **Section B – Assessment task details** | | | |
| --- | --- | --- | --- |
| **Assessment number:** | 2 of 2 | **Semester/Year:** | 1&2/2022 |
| **Due date:** | Ongoing | **Duration of assessment:** | 4 weeks |
| **Assessment method** | Project/Portfolio | **Assessment task results** | ☒ Ungraded result   (Satisfactory or Unsatisfactory) |
| ☐Other: |

| **Section C – Instructions to students** |
| --- |
| **Task instructions:** |
| **Portfolio task**  This assessment task requires learners to develop a website for a client using HTML5 and CSS3. The teacher will be playing the role of the client & user for this assessment task. *The website the learner developers may be about or for any topic, company or community of the learner’s choice. As long as the website meets the requirements outlined in this project.*  This project has been divided into 6 key parts. Each part must be completed as per the instructions.  Part 1 – Client Brief Analysis & Confirmation of Design Requirements Part 2 – Evaluation of the Proposed Project Design Part 3 – Development of a Functional Website Part 4 – Build Approval and Feedback Part 5 – Website Accessibility, Validation and Testing Part 6 – Project Outcomes & Sign Off  • Learners are required to correctly answer all questions to a satisfactory level for each question of this assessment task to be given a satisfactory result by the assessor. If this is not achieved on the first attempt, then an opportunity to resubmit is allowed.  • Once learners have completed all the questions, the assessment must be uploaded and submitted along with the signed assessment coversheet via Brightspace.  • If a supplied answer is incorrect or requires further information the learner will be requested to correct the issues and resubmit the assessment via Brightspace.  • Learners must contribute to and abide by organisational standards including intellectual property and privacy laws.  • Learners may use the internet for research purpose however the learner’s answer must be in their own words.  REFER TO THE SUPPORTING DOCUMENTATION FOR FURTHER ASSESSMENT DETAILS |

| **Section D – Conditions for assessment** | |
| --- | --- |
| **Conditions:**  Student to complete and attach Assessment Submission Cover Sheet to the completed Assessment Task.  - This is an individual assessment. - Discuss with your assessor if you feel you require special consideration or adjustment for this task. - Any options for negotiating assessment tasks. - Students must meet all criteria listed in the marking guide to be satisfactory in this task. - Students may resubmit this task if not successful within the enrolment period as per Holmesglen conducting  assessment procedure. - This assessment is open book  - The learner may use the internet for research. - You are expected to dedicate time to developing this assessment task both in and out of the classroom. - You must submit; All required working files, documentation and any other assets that you feel may be required in a zipped file. - This Assessment task must be uploaded to Brightspace along with a complete and signed coversheet.  - This is an individual task.  - It is expected all documents will be completed and submitted electronically but if this is not possible, make alternative arrangements for submitting the documents with your assessor. - You will have the opportunity to resubmit if any part of the assessment is deemed unsatisfactory (one resubmit allowed per task).1 - You can appeal an assessment decision according to the Holmesglen Assessment Complaints and Appeals Procedure. - If you feel you require special allowance or adjustment to this task, please discuss with your assessor within one week of commencing this assessment. | |
| **Equipment/resources students must supply:** | **Equipment/resources to be provided by the RTO:** |
| Student attending LIVE remote sessions must have access to:  A MAC or PC/laptop with the following minimum specification: Quad Core CPU • CPU with minimum 4GHz processor or faster • RAM 16GB • 200GB of storage • Windows 10 OS, or virtual machine installed with Windows 10 OS (available free from https://developer.microsoft.com/en-us/windows/downloads/virtual-machines/ or https://www.microsoft.com/en-us/evalcenter/evaluate-windows-10-enterprise) • Monitor 24" (PC only, dual monitor optional but preferred) • Headset with microphone (webcam optional but preferred) • Access to reliable internet connection (ADSL or cable connection desirable)  Applications are available at Holmesglen MyHorizon and also free to download via url below: • Brightspace (Learning Management System) access - https://holmesglen.brightspace.com/ • MyHorizon - https://myHorizon.holmesglen.edu.au - free to download • 365 Microsoft office suite also can be downloaded via https://portal.office.com - free for all Holmesglen students • LinkedIn Learning - free access • WebEx - https://holmesglen.webex.com/ - free to download • Code Editor i.e. Visual Studio – https://code.visualstudio.com/  • 7Zip or an equivalent compression utility - free to download • Google Chrome – recommended web browser • OneDrive - https://www.microsoft.com/en-ww/microsoft-365/onedrive/online-cloud-storage - free to download | Holmesglen Moorabbin CAIT computer classrooms:  data projector, whiteboard, computer with double screens, mobile Cisco Spark Board, Conference camera HP Z1 Entry Tower G5 • Dual Displays 24” HP Monitor • CPU: Intel Core i7-9700K @ 4GHz • Motherboard: 8591 • RAM 32GB • 1TB SSD • OS: Windows 10   iMAC  • iOS Catalina 10.15.7 (19H1713) • 27" Retina 5K • Processor: 4GHz Quad-Core Intel Core i7 • Memory: 16GB 1867 MHz DDR3  This will vary as CAIT upgrades computer rooms.  • Internet connection  Applications available at ZENworks and Holmesglen MyHorizon • Brightspace (Learning Management System) access - https://holmesglen.brightspace.com/ • 365 Microsoft office suite also can be downloaded via https://portal.office.com  • LinkedIn Learning – https://www.linkedin.com/learning/ • WebEx - https://holmesglen.webex.com/  • Brightspace (Learning Management System) access - https://holmesglen.brightspace.com/ • MyHorizon - https://myHorizon.holmesglen.edu.au  • 365 Microsoft office suite also can be downloaded via https://portal.office.com  • WebEx - https://holmesglen.webex.com/ - free to download • Code Editor i.e. Visual Studio – https://code.visualstudio.com/  • 7Zip or an equivalent compression utility  • Google Chrome – recommended web browser • OneDrive - https://www.microsoft.com/en-ww/microsoft-365/onedrive/online-cloud-storage - free to download |

| **Section E – Marking Sheet - Student Answer Sheet** | | | |
| --- | --- | --- | --- |
| **Subject Code:**  **Unit code**: | (WEBON1)  ICTWEB431   ICTWEB452  ICTWEB433 | **Subject Title:**  **Unit title:** | (HTML & CSS)  Create and style simple markup language documents  Create a markup language document  Confirm accessibility of websites |

**Project/Portfolio task**

| **Criteria for assessment** | | **Satisfactory** | | **Comment** |
| --- | --- | --- | --- | --- |
| **Yes** | **No** |
| **The following has been submitted for assessment:** | | | | |
| Assessment Sheet (signed & fully completed) | | ☐ | ☐ |  |
| Portfolio website (zipped & to specifications) | | ☐ | ☐ |  |
| **Marking criteria for each product document/s supplied:** | | | | |
| **Marking criteria:**  **Part 1 – Client Brief Analysis & Confirmation of Design Requirements**  Assessment Documentation/Working files | | | | |
| 1. | In accordance with the brief, learner has confirmed the use(s) of the website and potential types of users of the website | ☐ | ☐ |  |
| 2. | Learned has reviewed the brief requirements and confirmed the business requirements and standards the project must adhere to | ☐ | ☐ |  |
| 3. | Learner has confirmed required mark-up language according to document’s uses and audience | ☐ | ☐ |  |
| 4. | Based on brief requirements, learner has identified the main layout sections/pages of the website and determine the purpose of their document structure | ☐ | ☐ |  |
| 5. | Based on the website structure identified in Question 4, learner has illustrated webpage hierarchy by designing the wireframe for at least ONE (1) webpage | ☐ | ☐ |  |
| 6. | Based on the client specifications, learned has identified some webpage components of the website. | ☐ | ☐ |  |
| 7. | Learner has confirmed at least TWO (2) different users, who would use this website, with particular accessibility requirements. | ☐ | ☐ |  |
| 8. | Learner has created a checklist to indicate how the website will provide accessibility to the two user groups, in line with industry requirements and web development standards | ☐ | ☐ |  |
| **Marking criteria:**  **Part 2 - Evaluation of the Proposed Project Design** Once learned has identified the project requirements, to obtain approval from clients representative | | | | |
| 1. | The learner has demonstrated a clear understanding of the client brief and prepared a well-organized summary, using precise language to convey explicit information and client business requirements | ☐ | ☐ |  |
| 2. | The learner has clearly articulated the user requirements, with reference to the appropriate mark-up language, and has engaged in a productive verbal exchange of ideas & solutions | ☐ | ☐ |  |
| 3. | The learner has adequately identified general legal and industry accessibility standards and requirements | ☐ | ☐ |  |
| 4. | The learner has identified relevant web development standards | ☐ | ☐ |  |
| **Marking criteria:**  **Part 3 – Development of a Functional Website**  Assessment Documentation/Working files | | | | |
| 1. | The learner has created the mark-up language document without using the automated generation of code | ☐ | ☐ |  |
| 2. | The learner has created & defined the structure and layout of the website, using the markup language, in accordance with brief requirements, as follows:   1. Website has either a home page and TWO additional pages **OR** home page with three different sections; 2. Website has implemented a navigation menu and the navigation between the pages is consistent and clear; 3. The website has implemented two columns in **at least ONE** internal page / section of the page; and 4. Page elements have been positioned correctly and in accordance with Part 1 specifications | ☐ | ☐ |  |
| 3. | Basic webpage elements have been created and assigned based on client brief requirements & accessibility requirements, as follows:   1. At least **TWO** images are attached, in a suitable web format and size & descriptive alt tags 2. The website has implemented at least ONE table 3. The website has implemented at least ONE form, with **at least TWO fields** 4. The website has implemented at least ONE list 5. The website has implemented at least ONE internal link 6. The website has implemented at least ONE external link | ☐ | ☐ |  |
| 4. | The learner has confirmed that the styling, formatting and layout of the webpages have been implemented using CSS, in accordance with brief requirements, as follows:   1. Develop an external CSS style sheet to style & customise format page structures 2. The website has been styled in a consistent manner across all webpages & sections 3. Page elements have been styled and formatted in accordance with Part 1 designs 4. At least one section of the website has used the CSS float property to layout a section horizontally | ☐ | ☐ |  |
| **Marking criteria:**  **Part 4 – Build Approval and Feedback** | | | | |
| 1. | The learner has correctly determined and evaluated the required webpages according to the brief requirements | ☐ | ☐ |  |
| 2. | The learner has incorporated required web page components into website according to organisational procedures and guidelines | ☐ | ☐ |  |
| 3. | The learner has demonstrated a visual representation for the measurements and calculations performed for the webpage layout | ☐ | ☐ |  |
| 4. | The learner has clearly demonstrated the functional workings of the client website | ☐ | ☐ |  |
| **Marking criteria:**  **Part 5 – Website Accessibility, Validation and Testing**  Assessment Documentation/Working files | | | | |
| 1. | The learner has tested website for accessibility and made any required changes based on the outcomes, as follows:   1. The learner has confirmed that the document can be read without CSS style sheets being applied 2. The learner has ensured that the pages are not dependent on color, and can operate in a monochrome environment 3. The learner has verified that the pages operate on a text-to-speech browser 4. The learner has confirmed that the website is accessible for people with special needs, in accordance with measures outlined in Part 1 | ☐ | ☐ |  |
| 2. | The learner has validated the website against defined HTML and CSS standards & parameters, to ensure the webpages’ final UI is logical and accessible to the user, as follows:   1. The learner has validated the HTML website and recorded the results, in accordance with industry standards, using the following web tool: W3C HTML Validator <https://validator.w3.org/#validate_by_upload> 2. The learner has validated the website’s CSS and recorded the results, using the following web tool: W3C CSS Validator - <https://jigsaw.w3.org/css-validator/#validate_by_upload> 3. The learner has implemented text equivalents for non-text elements, such as:  * Alternative image text has been added to all non-decorative images * Labels are used where required on form elements  1. The learner has ensured the final UI is logical and accessible to the user, including actions such as:  * Link text is appropriately descriptive * Proper use of header elements * Use of titles attribute where needed | ☐ | ☐ |  |
| 3. | The learner has designed and implemented test cases against the website, to ensure the webpages reflect end user specifications, as follows:   1. The learner has tested the HTML website in two different browsers, recorded the result and made any necessary corrections 2. The learner has designed & conducted two tests for their HTML website, each test providing the (i) test conducted, (ii) the expected output of the test, (iii) success or failure outcome, and (iv) comments on test result and debugging | ☐ | ☐ |  |
| **Marking criteria:**  **Part 6 – Project Outcomes & Sign Off** | | | | |
| 1 | The learner has adequately applied and documented required changes to the website, pursuant to checks in Part 5 | ☐ | ☐ |  |
| 2 | The learner has ensured that the priorities and web development standards identified in Part 1 and carried out in the Part 5 analysis, are met and completed | ☐ | ☐ |  |
| 3 | The learner confirms the website is compliant with the accessibility checklist requirements | ☐ | ☐ |  |
| 4 | The learner has identified any “project gaps” between the client brief and the business requirements, and addressed these with necessary changes | ☐ | ☐ |  |
| 5. | The learner has confirmed that all client specifications and design requirements are met and finalised | ☐ | ☐ |  |
| 6. | The learner has obtained client sign-off for the tested website | ☐ | ☐ |  |

# Assessment Submission Cover Sheet (VET)

| By submitting this assessment task and signing the below, I acknowledge and agree that:   1. This completed assessment task is my own work. 2. I understand the serious nature of plagiarism and I am aware of the penalties that exist for breaching this. 3. I have kept a copy of this assessment task. 4. The assessor may provide a copy of this assessment task to another member of the Institute for validation and/or benchmarking purposes. |
| --- |

| Student ID: | tgill14 | **Student name:** | Tyson Gill |
| --- | --- | --- | --- |

| **Submission or observation date:** | **10/12/22** |
| --- | --- |
| **Student signature**  For electronic submissions: By typing your name in the student signature field, you are accepting the above declaration. | **Tyson Gill** |

| **Assessment Results and Feedback to Student** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Assessment Task Result:** | | | | **Satisfactory** | | **Not Satisfactory** |
| **☐** | | **☐** |
| **Assessor’s Feedback:** | | | | | | |
|  | | | | | | |
| **Resubmission allowed:** | **Yes ☐** | **No ☐** | **Resubmission due date:** | |  | |
| **Assessor name:** |  | | | | | |
| **Assessor signature:** |  | | | | | |
| **Date assessed:** |  | | | | | |

**Supporting document**

# Project Brief and Instructions

| **Subject Code:**  **Unit code**: | (WEBON1)   ICTWEB431  ICTWEB452  ICTWEB433 | **Subject Title:**  **Unit title:** | (HTML5 & CSS3)   Create and style simple markup language documents  Create a markup language document  Confirm accessibility of websites |
| --- | --- | --- | --- |

| **Project Brief** Read through the brief below take note of the needs and requirements outlined in the brief. |
| --- |
| **Introduction**  This assessment task requires learners to develop a website for a client using HTML5 and CSS3. The teacher will be playing the role of the client & user for this assessment task. *The website the learner developers may be about or for any topic, company or community of the learner’s choice. As long as the website meets the requirements outlined in this project.*  This project has been divided into 6 key parts. Each part must be completed as per the instructions.  Part 1 – Client Brief Analysis & Confirmation of Design Requirements Part 2 – Evaluation of the Proposed Project Design Part 3 – Development of a Functional Website Part 4 – Build Approval and Feedback Part 5 – Website Accessibility, Validation and Testing Part 6 – Project Outcomes & Sign Off  **Client Brief Scenario**  You have recently been engaged in your capacity as a Junior Freelance Developer, to develop a product website on behalf of Hokkaido Tourism Pty Ltd (***known as “HT”***), a company specialising marketing tourism for the Hokkaido region in Japan. Having had difficulty of late driving tourists to the snowy, northern isle, they have approached you to develop a website that focuses on a particular feature or shop located within Hokkaido, that would encourage more people to come and enjoy their hospitality.  They have listed some examples of popular activities that could be used as the focus for the website: food, skiing, traditional shrines – **be as creative as you like and NOTE, the shop/activity that you website focuses on can be entirely hypothetical** (*do not spend time researching Hokkaido in detail*).  Importantly, HT would like you to create a website for one of these features/shops, that incorporates the requirements and features listed below.  **General Instructions**   * Home Page and three additional pages **OR** Home page with three different sections within the home page * Ensure correct flow of information architecture * Original logo design – left top corner * It must have 2 columns (at least) in one internal page / in any of the sections within the home page * The overall colour scheme and style is up to your own discretion * Fonts must be suitable for web design: web safe / google fonts * Images must be copyright free * You must consider good accessibility and usability standards * Platform: Internet * Browser support: Chrome, Internet Explorer 9 & 10, Firefox etc.   **General Technical requirements**   * HTML5 & CSS3 are to be used to develop page structure, layout and design * The website must be accessible to people with disabilities * The design style for the web must be flat, keeping with what is currently on trend   **Specific Technical Requirements**  You are required to develop your website using editor Visual Studio code. Your website must have a consistent look and feel and include each the following:   1. A home page and **TWO additional pages** or **Home page with three different sections** within the home page 2. Two columns on any internal page OR in any of the sections within the home page 3. At least **TWO** images are attached, in a suitable web format and size & descriptive alt tags 4. A table 5. A form 6. A navigation bar 7. A list 8. An internal link (*for example, going to top of page*) 9. An external links (*for example, linking to social media page*) 10. Accessibility considerations in design and function 11. Website pages that have been tested in **at least TWO** browsers 12. All styles and layouts contained in an **external CSS style sheet** 13. Website pages that have had HTML validated against W3C standards 14. Website pages that had the CSS tested and validated against W3C standards   **Other Important Standards**   * HTML Standards must be adhered to wherever possible * CSS Standards must be adhered to wherever possible * HTML accessibility standards |

| **Part 1 – Client Brief Analysis & Confirmation of Design Requirements**  Assessment Documentation & Working files | |
| --- | --- |
| **Question / Criteria** | **Answer/satisfactory response** |
| * 1. In accordance with the brief, confirm the use(s) of the website and list **at least THREE (3)** potential types of users of the website | *Users who want to connect with me*  *Users that want to learn more about me*  *People who want to use google without being tracked* |
| * 1. Review the brief requirements and confirm the business requirements and standards the project must adhere to | *The website must be accessible to all users, be easy to navigate and support modern browsers.* |
| * 1. Based on the users and audience of the website, identify the appropriate hardware and software required to develop the website, including confirmation of the mark-up language required | *HTML, CSS, Python (live server), Adobe XD, W3C Validator, caniuse.com, contrast checker.* |
| * 1. Based on brief requirements, identify the main layout sections/pages of the website and confirm **EACH** of their purposes | *Navigation: main purpose being to allow the user to navigate the website and find what they are looking for*  *About: information about me*  *Links: links to social media/other*  *computer specifications*  *google search form: search google… without being on google.*  *Footer: more navigation links + copyright message* |
| * 1. Based on the website structure identified in Question 4, illustrate webpage hierarchy by designing the wireframe for **at least ONE (1)** webpage | [*https://github.com/tysonlmao/tafe/blob/main/wireframe.xd*](https://github.com/tysonlmao/tafe/blob/main/wireframe.xd) |
| * 1. Based on the client specifications, identify some webpage components of the website.   List **at least THREE (3)** different web page components used. | *Header*  *Main page content*  *Containers using .container and .item*  *Footer* |
| * 1. Reflecting on Question 1, confirm **at least TWO (2)** different users, who would use this website, with particular accessibility requirements. | *Someone who wants to contact the website owner.*  *To search google externally from google.com (probably not)*  *To learn more about the website owner.* |
| * 1. Following on from Question 7, create a checklist to indicate how the website will provide accessibility to these two user groups, in line with industry requirements and web development standards (**minimum THREE (3)** dot points) | ***Accessibility Checklist***  *The website will cater for the specific accessibility needs of the identified users by implementing the following features:*   * *a skip link to the main content* * *aria labels for screen readers* * *page is accessible without the needs of css* |

| **Part 2 - Evaluation of the Proposed Project Design** Once you have identified the project requirements obtain approval from your clients representative. | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Checklist (To be observed & completed by the learner’s facilitator)**  **Skills to be observed during this task to the required standard.**  **The following tasks are to be completed in relation to the brief for this project. Each of the skills must be observed by the facilitator** | | | | | **Yes** | **No** |
| * 1. The learner has demonstrated a clear understanding of the client brief and prepared a well-organized summary, using precise language to convey explicit information and client business requirements | | | | | ☐ | ☐ |
| * 1. The learner has clearly articulated the user requirements, with reference to the appropriate mark-up language, and has engaged in a productive verbal exchange of ideas & solutions | | | | | ☐ | ☐ |
| * 1. The learner has adequately identified general legal and industry accessibility standards and requirements | | | | | ☐ | ☐ |
| * 1. The learner has identified relevant web development standards | | | | | ☐ | ☐ |
| **Assessor Name** | *Sruthy Korembith* | **Assessor Signature** | *Insert Signature* | **Date** | *Insert Date* | |

| **Part 3 – Development of a Functional Website**  Assessment Documentation & Working files | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Preamble***  *It is now time to begin developing your chosen website. Ensure your design aligns with client requirements outlined in Part 1.*  *Adhering to your design specification, you are now required to collate all of the information from Part 1 and manufacture an end product – your final website build. The idea should outline the basic feel of the design and how you will convey core concepts.* | | | | | | | | |
| **Question / Criteria** | | | **Complete / Not Complete** | | **Evidence of Completion** | | | |
| 1. HTML markup language has been used to create your web page’s structure | | | ☐ | |  | | | |
| 1. **The learner has created & defined the structure and layout of the website, using the markup language, in accordance with brief requirements, as follows:** | | | | | | | | |
| * 1. Website has either a home page and TWO additional pages **OR** home page with three different sections | | | ☐ | |  | | | |
| * 1. Website has implemented a navigation menu and the navigation between the pages is consistent and clear   Insert **at least ONE screenshot** of the functional navigation bar. | | | ☐ | |  | | | |
| * 1. The website has implemented two columns in **at least ONE** internal page / section of the page | | | ☐ | |  | | | |
| * 1. Page elements have been positioned correctly and in accordance with Part 1 designs   Insert **at least ONE screenshot** of a completed webpage. | | | ☐ | |  | | | |
| 1. **Basic webpage elements have been created and assigned based on client brief requirements & accessibility requirements, as follows:** | | | | | | | | |
| 1. At least **TWO** images are attached, in a suitable web format and size & descriptive alt tags | | | ☐ | |  | | | |
| 1. The website has implemented **at least ONE** table | | | ☐ | | [*https://gist.github.com/tysonlmao/c64f6063411d6060b62bf06c204725cb*](https://gist.github.com/tysonlmao/c64f6063411d6060b62bf06c204725cb) | | | |
| 1. The website has implemented at least ONE form, with **at least TWO fields** | | | ☐ | |  | | | |
| 1. The website has implemented **at least ONE** list | | | ☐ | |  | | | |
| 1. The website has implemented **at least ONE** internal link | | | ☐ | |  | | | |
| 1. The website has implemented at least ONE external link | | | ☐ | |  | | | |
| 1. **Confirm the styling, formatting and layout of the webpages have been implemented using CSS, in accordance with brief requirements, as follows:** | | | | | | | | |
| 1. Develop an external CSS style sheet to format page structure | | | ☐ | |  | | | |
| 1. The website has been styled in a consistent manner across all webpages & sections | | | ☐ | | *yes* | | | |
| 1. Page elements have been styled and formatted in accordance with Part 1 designs | | | ☐ | | *yes* | | | |
| 1. At least one section of the website has used the CSS float property to layout a section horizontally | | | ☐ | | *< Confirm which section holds the float >* | | | |
| **Part 4 – Build Approval and Feedback** It is now time to present your website to the client for feedback and approval – organise a time to showcase and demonstrate your project to your client | | | | | | | | |
| **Checklist (To be observed & completed by the learner’s facilitator)**  **Skills to be observed during this task to the required standard.**  **The following tasks are to be completed in relation to the brief for this project. Each of the skills must be observed by the facilitator** | | | | | | | **Yes** | **No** |
| 1. The learner has correctly determined and evaluated the required webpages according to the brief requirements | | | | | | | ☐ | ☐ |
| 2. The learner has incorporated required web page components into website according to organisational procedures and guidelines | | | | | | | ☐ | ☐ |
| 3. The learner has demonstrated a visual representation for the measurements and calculations performed for the webpage layout | | | | | | | ☐ | ☐ |
| 4. The learner has clearly demonstrated the functional workings of the client website | | | | | | | ☐ | ☐ |
| **Assessor Name** | *Sruthy Korembith* | **Assessor Signature** | | *Insert Signature* | | **Date** | *Insert Date* | |

| **Part 5 – Website Accessibility, Validation and Testing**  Assessment Documentation & Working files | | |
| --- | --- | --- |
| ***Preamble***  *With your build complete – you now must focus on quality control in respect of three core web development aspects:*   * *Accessibility* * *Validation* * *Testing & debugging* | | |
| **Question / Criteria** | **Complete / Not Complete** | **Evidence of Completion** |
| 1. **ACCESSIBILITY: The learner has tested website for accessibility and made any required changes based on the outcomes, as follows:** | | |
| * 1. Confirm that the document can be read without CSS style sheets being applied | ☐ |  |
| * 1. Ensure that the pages are not dependent on color, and can operate in a monochrome environment | ☐ |  |
| * 1. Verify that the pages operate on a text-to-speech browser | ☐ | *How do I show that here?* |
| * 1. Confirm that the website is accessible for people with special needs, in accordance with measures **outlined in Part 1** | ☐ |  |
| 1. **VALIDATION: The learner has validated the website against defined HTML and CSS standards & parameters, to ensure the webpages’ final UI is logical and accessible to the user, as follows:** | | |
| * 1. Validate the HTML website and record the results, in accordance with industry standards, using the following web tool:   **W3C HTML Validator** <https://validator.w3.org/#validate_by_upload> | ☐ |  |
| * 1. Validate the website’s CSS and record the results, using the following web tool:   **W3C CSS Validator**  <https://jigsaw.w3.org/css-validator/#validate_by_upload> | ☐ |  |
| * 1. Implement text equivalents for non-text elements, such as: * *Alternative image text has been added to all non-decorative images* * *Labels are used where required on form elements* | ☐ |  |
| * 1. Ensure the final UI is logical and accessible to the user, including actions such as: * *Link text is appropriately descriptive* * *Proper use of header elements* * *Use of titles attribute where needed* | ☐ | link text is appropriately descriptive    proper use of the header element  no title attributes were used. |
| 1. **TESTING & DEBUGGING: The learner has designed and implemented test cases against the website, to ensure the webpages reflect end user specifications, as follows:** | | |
| * 1. Test the HTML website in two different browsers, record the results and make any necessary corrections   You must include **TWO** screenshots for each browser displaying the website. | ☐ | *opera gx and safari* |

| * 1. Test your HTML website for any errors to required debugging.   Below you will need to **design at least TWO (2) tests**, each providing the (i) test conducted, (ii) expected output of the test, (iii) success / failure and (iv) comments on test result and debugging.  **Template tests that could be conducted have been provided, as examples - you may need to *MODIFY* these:** | | | | |
| --- | --- | --- | --- | --- |
| **Test Design** | **Expected Output** | **Correct Function** | | **Comment on Test** |
| **Yes** | **No** |
| **Test:** That each of the internal links in the navigation bar go to the designated webpage | *EG. Expect the website to navigate to the home, about and contact page* | ☐ | ☐ | < *Provide comments on how the actual output COMPARED with the expected output & steps taken to debug any issues* > |
| **Test:** That the external link going to a social media page, correctly navigates to the required website | *EG. Expect when user clicks on link on the home page, it will navigate to Unsplash.com* | ☐ | ☐ | < *Provide comments on how the actual output COMPARED with the expected output & steps taken to debug any issues* > |

| **Part 6 – Project Outcomes & Sign Off** It is now time to present your website to the client for feedback and approval – organise a time to showcase and demonstrate your project to your client | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Checklist (To be observed & completed by the learner’s facilitator)**  **Skills to be observed during this task to the required standard.**  **The following tasks are to be completed in relation to the brief for this project. Each of the skills must be observed by the facilitator** | | | | | **Yes** | **No** |
| 1. The learner has adequately applied and documented required changes to the website, pursuant to checks in Part 5 | | | | | ☐ | ☐ |
| 2. The learner has ensured that the priorities and web development standards identified in Part 1 and carried out in the Part 5 analysis, are met and completed | | | | | ☐ | ☐ |
| 3. The learner confirms the website is compliant with the accessibility checklist requirements | | | | | ☐ | ☐ |
| 4. The learner has identified any “project gaps” between the client brief and the business requirements, and addressed these with necessary changes | | | | | ☐ | ☐ |
| 5. The learner has confirmed that all client specifications and design requirements are met and finalised | | | | | ☐ | ☐ |
| 6. The learner has obtained client sign-off for the tested website | | | | | ☐ | ☐ |
| **Assessor Name** | *Sruthy Korembith* | **Assessor Signature** | *Insert Signature* | **Date** | *Insert Date* | |