Assessment Task 2 – Performance Project

| **Student Name:** |  | **Date:** |  |
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| **Unit Being Assessed:** | ICTWEB513 - Build dynamic websites  ICTWEB514 - Create dynamic web pages | | |
| **Instructions for Assessment Task 2:** | This task provides an opportunity for you to demonstrate the skills and knowledge required for competence in this unit.  This Performance Project can be used in different scenarios and contexts. Your assessor will confirm the context and scenario (and therefore the background information) for this assessment task:  There are four (4) parts to this assessment task:   * Task 2.1: Build the website * Task 2.2: Test the website * Task 2.3: Amend the website * Task 2.4: Present the website seeking feedback and sign-off   The completed documentation required for all parts of **Task 2: Performance Project** must be submitted in the relevant submission area of the [Canvas](https://canvas.tastafe.tas.edu.au/) LMS. | | |

**Background**

In this task you will build and test the website (based on the plan and feedback from **Assessment Task 1**), making amendments after the testing process. You will then present the website to the client to seek feedback and sign-off.

The specific scenario and background information for your web development project was determined in **Assessment Task 1**.

**Task 2.1: Build the website**

Once the planning, prototyping, and negotiation with the client are complete, it is time to build the website.

Use the prototype you developed in **Task 1.2** as the template for the web pages you develop.

Ensure that you stick to the plan you developed in **Task 1.1** and presented to the client. If there will be any significant changes to the plan, you must discuss these with the client.

Once the website has been built, store it somewhere safe, ready for submission.

\*\*\* Please ensure that you exclude any unnecessary folders/files such as **node\_modules** !

**Note:** In **Task 2.3** you will make further changes to the website. MAKE SURE THAT YOU HAVE A BACKUP COPY of the website before then as you will need to submit a “before” and “after”.

**Task 2.2: Test the website**

Once the first iteration of the website has been built, you will need to undertake a variety of testing and record the results.

At a minimum, testing must include:

* Accessibility tests
* Browser tests (on a variety of browsers, desktop and mobile)
* Cybersecurity tests
* User experience testing

The user experience testing must involve at least one other person. This person can be the client if appropriate.

Use the template on the following pages to document your testing processes, results, and actions.

**Note:** Regardless of the test results, it is important that you don’t make any changes to the website you built in **Task 2.1** yet. The actions you determine in this activity will guide the amendments you make to the website in **Task 2.3**.

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| Template 2.2 Testing Log | |
| **2.2.1 Accessibility Testing** | |
| **Test date/time** | 15/09/2023 |
| **Description of test(s) conducted** | Using Accessibility Tool from Google Chrome |
| **Result of test(s)** | 3 Colour Contrast Issues.  Social Media Icon Missing href links |
| **Action(s) to take** | Will discuss with Client about colour themes  Update Social Media link from Clients |
| **2.2.2 Browser Testing** | |
| **Test date/time** | 15/09/2023 |
| **Description of test(s) conducted** | Using Google Chrome, FireFox , Edge to test website |
| **Result of test(s)** | No issues found. |
| **Action(s) to take** | Not available. |
| **2.2.3 Cybersecurity Testing** | |
| **Test date/time** | 15/09/2023 |
| **Description of test(s) conducted** | Nessus Essential testing 127.0.0.1 where NodeJS server is running |
| **Result of test(s)** | Only one medium vulnerability : SMB |
| **Action(s) to take** | Not related to website when it goes live. |
| **2.2.4 User Experience Testing** | |
| **Test date/time** | 15/09/2023 |
| **Description of test(s) conducted** | Create Job  Check Website Statistic (current job available and total Job)  Check Login using Admin credentials. |
| **Result of test(s)** | All functions are working.  The search bar in Home page does not work when users type job title |
| **Action(s) to take** | Review the source code to ensure client can search job title with lower case. |

You may attach additional relevant documentation.

If you believe that your website is perfect and there are absolutely no actions to take based on testing, then please discuss this with your assessor before continuing to **Task 2.3**.

**Task 2.3: Amend the website**

Once the testing and documentation in **Task 2.2** is complete you are ready to make changes to the website to accommodate any issues found during testing.

Use the **Actions** you determined in **Task 2.3** to guide you in amending the website/code.

**Note:** In this task you will make further changes to the website you created in **Task 2.1**. MAKE SURE THAT YOU HAVE A BACKUP COPY of the website from **Task 2.1** as you will need to submit a “before” and “after”.

Once you have completed the amendments, store it somewhere safe, ready for submission.

\*\*\* Please ensure that you exclude any unnecessary folders/files such as **node\_modules** !

**Task 2.4: Present the website seeking feedback and sign-off**

Once you have completed the work required for **Task 2.3** you must present it to the client.

Schedule a meeting with the client to present the website you have produced.

During the presentation, you must note all feedback received from the client using the feedback form included below.

If the client determines that all their **requirements have been met**, they will provide sign-off in the feedback form.

If the client determines that any **requirements have not been met**, you may need to further amend the website for **Task 2.3**. After this, you must arrange another meeting with the client to present the website and seek feedback again.

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| Template 2.4.1 Meeting and Client Feedback Log | |
| **Meeting date/time** | 15/09/2023 |
| **Attendees** | Kim Knight |
| **Location** | Tas Tafe |
| **Client feedback** | Search function is working  All other functions are working.  Website is responsive with different devices sizes.  Client is happy with colour themes. |
| **Summary of changes to plan (based on feedback)** | Update search function.  Logo is updated. |
| **Client Sign-off** | |
| **Requirements have been met** | YES / NO |
| **Client signature** | Kim |
| **Date signed** | 15/09/2023 |

**Submission**

The following items must be submitted for Assessment Task 2:

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| --- | --- |
| **Task** | **Submission requirement** |
| Task 2.1: Build the website | A folder containing the website at this point |
| Task 2.2: Test the website | A document containing the filled **Template 2.2** |
| Task 2.3: Amend the website | A folder containing the website at this point |
| Task 2.4: Present the website seeking feedback and sign-off | A document containing the filled **Template 2.4.1** |

All the items listed in the submission requirements above should be added to a ZIP file (not 7z) and submitted in the relevant submission area of the [Canvas](https://canvas.tastafe.tas.edu.au/) LMS.

***Note:***

*Should an* **Incomplete** *result be recorded for this task; details of the areas that require rectification (or a re-submission plan) will be entered in the Comments section in the submission area of the* [*Canvas*](https://canvas.tastafe.tas.edu.au/) *LMS.*