# Assessment Task 2 Cover Sheet

## Student Declaration

To be filled out and submitted with assessment responses

🞎 I declare that this task is all my own work and I have not cheated or plagiarised the work or colluded with any other student(s).

🞎 I understand that if I If I am found to have plagiarised, cheated or colluded, action will be taken against me according to the process explained to me.

🞎 I have correctly referenced all resources and reference texts throughout these assessment tasks.

|  |  |
| --- | --- |
| Student name |  |
| Student ID number |  |
| Student signature |  |
| Date |  |

## Assessor declaration

🞎 I hereby certify that this student has been assessed by me and that the assessment has been carried out according to the required assessment procedures.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assessor name |  | | | |
| Assessor signature |  | | | |
| Date |  | | | |
| Assessment outcome | S | NS | DNS | Resubmission Y N |

## Feedback

## Student result response

🞎 My performance in this assessment task has been discussed and explained to me.

🞎 I would like to appeal this assessment decision.

|  |  |
| --- | --- |
| Student signature |  |
| Date |  |

A copy of this page must be supplied to the office and kept in the student’s file with the evidence.

# Assessment Task 2: Website project

## Task summary

Students are required to design and create a dynamic website that suits the needs of a case study organisation.

This assessment is to be completed in the simulated work environment in the RTO.

## Required

* Access to textbooks and other learning materials
* Computer with Microsoft Office and internet access
* Server, including database server
* Browsers
* Client Requirements
* Website Design Report Template

## Timing

Your assessor will advise you of the due date of these submissions.

## Submit

* Email with Website Design Report and Website Tests attached

## Assessment criteria

For your performance to be deemed satisfactory in this assessment task, you must satisfactorily address all of the assessment criteria. If part of this task is not satisfactorily completed, you will be asked to complete further assessment to demonstrate competence.

## Re-submission opportunities

You will be provided feedback on their performance by the Assessor. The feedback will indicate if you have satisfactorily addressed the requirements of each part of this task.

If any parts of the task are not satisfactorily completed, the assessor will explain why, and provide you written feedback along with guidance on what you must undertake to demonstrate satisfactory performance. Re-assessment attempt(s) will be arranged at a later time and date.

You have the right to appeal the outcome of assessment decisions if you feel that you have been dealt with unfairly or have other appropriate grounds for an appeal.

You are encouraged to consult with the assessor prior to attempting this task if you do not understand any part of this task or if you have any learning issues or needs that may hinder you when attempting any part of the assessment.

# Assessment Task 2 Instructions

Carefully read the following:

You are a web site developer for IT Biz Solutions that offers a range of IT services to clients including building websites. Wired is a new client who have approached IT Biz Solutions to design a new website.

As per standard company practice, the client has been interviewed about their requirements, the details of which have been outlined in the Client Requirements document provided.

Complete the following activities:

1. Develop a Website Design Report.

Review the information provided by the company in the Client Requirements document.

Then develop a Website Design Report that defines and analyses the technical requirements for the website based on this information.

Your report should include:

* An outline of the business’ requirements in relation to the website.
* Identification of the web standards that should be taken into account in the design of the website.
* Purpose of, and expectations for the web site, including the key audience and their needs.
* A list of all the required functions of the website, including the entry points to the web site and links.
* An outline of the proposed website design including style, architectural requirements, navigation, user interface design, logical flow of contents, user interaction, web content, graphical user interface and database design.
* Documentation of a prototype of the user interface.
* An outline of the development environment being used, including front end and back end software required to build the site (discuss the languages to be used and outline the data storage requirements that must be designed and created to suit the website requirements using a suitable server-side language). Ensure that you reference components such as the shopping cart, web user controls and classes to build the application. Include the platform, operating system and web server that will be implemented.
* Assumptions: any relevant and appropriate assumptions for the website build must be justified.

Use the Website Design Report Template to document your work.

1. Send an email to the client (your assessor).

The text of the email should be in grammatically correct English, written in an appropriate (polite, business-like) style.

It should introduce and summarise the contents of the attachments.

The email text should give a link to the website and ask the client for their feedback.

Attach your Website Design Report to the email:

1. Create the website

When you have received approval from the client, create the website using the development environment, software, client side and server-side scripting and your selected database as per your design specifications and as documented in your Website Design Report.

All the following components must be integrated in the website design:

* User interface
* Database
* Shopping cart
* Admin access

Ensure that the coding has been developed to best practices, programming styles and conventions and meet with standards. This should reflect coding practices that provide efficient, secure, performance enhancing, consistent, well written code that is easy to read, modify and maintain.

Follow the W3C standards and accessibility for web design and applications.

Undertake component testing throughout the development. Take screenshots and make annotations, bug reports and any other documentation that shows you have carried out the testing to the required standards.

Create a folder named Testing and place all this evidence in it.

1. Test the Website

You are required to ensure that the modules developed will integrate with the website. This will require testing to ensure accuracy and validity. The testing should be undertaken for three areas: Functionality, Usability and Security. Ensure that you include database testing in the functionality testing.

Take screenshots as evidence of the test results.

Ensure that you:

* Show that the modules have been successfully integrated.
* Identify and rectify website functional problems and resolve any bugs in the code.
* Ensure that the dynamic content functions, according to specified requirements.
* Undertake HTML5 validation testing.
* Validate the document in at least three different browsers to check cross-browser compatibility.

Ensure that your testing has been clearly explained and annotated where relevant.

Use the Website Testing Plan Template to guide your work.

Place this in the Testing folder.

1. Update your Website Design Report.

When you have completed and tested the website, go back to your report and include any changes to it that reflect how you created the website.

Save this document as Updated Website Design Report.

1. Send an email to the client (your assessor).

The text of the email should be in grammatically correct English, written in an appropriate (polite, business-like) style.

It should introduce and summarise the contents of the attachments.

The text should also include the file path and instructions for viewing your website and ask the client for their feedback.

Attach the following to the email:

* Updated Website Design Report
* Test folder including Website Testing Plan.

1. Make requested changes to the website.

Your client will respond to your submissions with some feedback.

Make the required changes to the website and resubmit screen shots, with annotation where appropriate, as evidence of the changes.

Create a folder named Changes and place this evidence in it

1. Send an email to the client (your assessor).

The text of the email should be in grammatically correct English, written in an appropriate (polite, business-like) style.

It should summarise the changes you have made to the website.

Attach your Changes folder to the email.

# Assessment Task 2 Checklist

| Student’s name: | | | |
| --- | --- | --- | --- |
| Did the student: | Completed successfully | | Comments |
| Yes | No |
| Identify and document client business requirements? |  |  |  |
| Identify and document standards that the web site design must follow? |  |  |  |
| Determine and document the purpose for, and expectations of the web site? |  |  |  |
| Determine and document the web site functionality required? |  |  |  |
| Analyse and then outline the website’s user-interface design requirements, including:   * Style * Architectural requirements * Navigation * User interface design * Logical flow of contents * User interaction * Web content * Graphical user interface * Database design? |  |  |  |
| Document a hierarchy of the website showing navigation? |  |  |  |
| Document website design showing that content is logical to users and easily accessible by them? |  |  |  |
| Produce a prototype of the user interface? |  |  |  |
| Determine and document the website’s architectural requirements? |  |  |  |
| Design and document the website’s data storage requirements? |  |  |  |
| Create the software components of the website? |  |  |  |
| Test website components? |  |  |  |