



Qualification national code and title	ICT50220 Diploma of Information Technology (Back End Web Development)
Unit/s national code/s and title/s	ICTWEB513 Build dynamic websites. ICTWEB514 Create dynamic web pages. ICTWEB521 Customise complex ICT content management systems

Assessment 2: Project – Real life client Project

Assessment type (☑):

- ☐ Questioning (Oral/Written)
☒ Practical Demonstration
☐ 3rd Party Report
☒ Other – Project/Portfolio *(please specify)*

Assessment Resources:

Access to Blackboard Cluster – Customise CMS
IDE such as PHPStorm, Notepad++

Assessment Instructions:

Assessment Time

See Learning Plan for details. Complete the project for your client

Assessment Due Date

Session 17 – 31st May 2024.

Unit Elements

ICTWEB521 Customise complex ICT content management systems.
Element 1 Identify and analyse client specifications and requirements.
Element 2 Develop customisation and create CMS powered website.
Element 3 Validate and evaluate website.

ICTWEB514 Create dynamic web pages.
Element 1 Prepare to create dynamic web pages.
Element 2 Create dynamic content.
Element 3 Test and finalise dynamic web pages.

ICTWEB513 Build a dynamic website
Element 1 Define and analyse technical requirements
Element 2 Produce software design specifications
Element 3 Develop website to the specified design.
Element 4 Test and finalise web application.

Assessment Instructions

The assessment for this cluster is one of 2 task items to build a portfolio of work. This assessment demonstrates the ability to create a custom Theme in WordPress for your client Project



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Assessment Instrument:

Assessment 2: Project – Real life client project

In this assessment you will be demonstrating your ability to create a client Theme according to your client requirements. This is an individual assignment version of your client theme.

Create the client theme site to client specifications in WordPress. If you do not have a client, talk to your lecturer to discuss alternative options.

Once you have completed the client theme, test in at least two browsers and document any debugging plus version control.

1. Install two WordPress testing platforms on either Laragon, XAMP.
 - a. One installation for development
 - b. One installation to test that it looks and behaves the same before submitting and uploading.

Client and development documentation

1. Develop documentation for the client project specification including a style guide and any functional specifications.
2. Identify the plugins and functionality you will require to build the client website in the chosen CMS (WordPress) within your documentation.

Build

3. Create a basic prototype of the website testing various elements you have identified in the client specification documentation. The prototype is developed in WordPress (screenshot this before changes to theme)
4. Create the theme for your client website according to the style guide and prototype.
5. Theme must have screenshot for identification in WordPress (jpeg file – client details)
6. Has appropriate version, author details and name of theme.(CSS file – appropriate client details)
7. Include your plugins as required.

Testing Documentation

8. Test your theme in another installation of WordPress.
9. Screenshot the browsers tested.
10. Screenshot the Web Developer tools showing your code.
11. Validate the HTML including Heading-level outline and correct the errors for accessibility and semantics.



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To upload your site in Blackboard, **zip only the theme folder** once you have tested. The lecturer will load the theme into a WordPress installation to see if all requirements have been met and looks the same as your design. Include a separate file for your plugins.



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Assessment # and title	Assessment 2: Project – Real life client Project		
Lecturer name	Anthony Evans		
Student name			
Student ID number			
Telephone contact number		Email:	
<p>By completing and submitting this signed form to my lecturer, I am stating that:</p> <ul style="list-style-type: none"> a. The attached submission is completely my own work b. I have correctly cited all sources of information used in this work (if required) c. I have kept a copy of this assessment (where practicable) d. I understand a copy of my assessment will be kept by the NMTAFE for their records e. 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	

Assessor please note: Where verbal clarification has been sought from a student to gather additional assessment evidence from an assessment item, question/s and response/s must be recorded, signed, and dated by the assessor, against the relevant assessment item/s.

Submission 1 ☐ **Assessment Result Satisfactory / Not Yet Satisfactory** (please circle) **Date:** _____

To satisfy requirements for this assessment, you need to complete the following:

No.	Complete the task by following these steps	S or NYS
1	Create client project specifications	<input type="checkbox"/>
2	Include a style guide	<input type="checkbox"/>
3	Include functional specifications	<input type="checkbox"/>
4	Identify plugins needed for the client site	<input type="checkbox"/>
5	Create the prototype. (WordPress – saved as separate theme before changes are made)	<input type="checkbox"/>
6	Create content types and site hierarchy as to the documentation for your client	<input type="checkbox"/>
7	Client theme screenshot included (jpeg file)	<input type="checkbox"/>
8	Includes version number, author details and theme name (CSS file – appropriate client details)	<input type="checkbox"/>



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9	Included plugins – separate zip file named according to documentation	<input type="checkbox"/>
10	Tested in another installation of WordPress (screenshots)	<input type="checkbox"/>
11	Screenshot browser tests	<input type="checkbox"/>
12	Screenshot developer tools showing code	<input type="checkbox"/>
13	Validated HTML including heading-level outline and errors corrected.	<input type="checkbox"/>
14	Zip file contains only the theme files.	<input type="checkbox"/>

Submission 2 ☐ **Assessment Result Satisfactory / Not Yet Satisfactory** (please circle) **Date:** _____

To satisfy requirements for this assessment, you need to complete the following:

Student Feedback

Lecturer Signature: Anthony Evans _____ **Student Signature:** _____