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| Qualification national code and title | ICT50220 Diploma of Information Technology (Front 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 1: Task 2 - Create your own theme in WordPress

Assessment type (☑):

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

Assessment Resources:

Access to Blackboard Cluster – Customise CMS
 IDE – Visual Studio Code, Text editor - Notepad++.
 Testing, Staging and Development Server – Laragon or XAMPP.

Assessment Instructions:

Assessment Time

See Learning Plan for details. There are 2 tasks to complete for Assessment 1

Assessment Due Date

Session 10 – 5th April 2024.

Unit Elements

ICTWEB513 Build a dynamic websites
 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.

ICTWEB521 Customise complex ICT content management systems.
 Element 2 Develop customisation and create CMS powered website.
 Element 3 Validate and evaluate website.

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

Assessment Instrument:



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Assessment 1: Task 2 - Create your own Theme in WordPress

Specifications and Requirements

In this assessment you will be demonstrating your ability to create your own Theme in WordPress.

Create a WordPress theme using your own design. Use your own specifications to create your new Theme. The following requirements and specifications will need to be followed. Once you have completed your 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.
2. Follow sessions 6-10 and complete the WordPress theme development tutorials to develop your own theme.

In this assessment you will be demonstrating your ability to create your own Theme in WordPress.

Documentation

1. Develop documentation for the project specification including a style guide and any functional specifications.
2. Identify the plugins and functionality you will require to build the 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 your specification documentation. WordPress prototype saved as separate theme before changes are made.
4. Create your theme for your website according to the style guide and prototype.
5. Theme must have screenshot for identification in WordPress (jpeg file)
6. Has appropriate version, author details and name of theme.(CSS file)
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.



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11. Validate the HTML including Heading-level outline and correct the errors for accessibility and semantics.

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 1: Task 2 – Create your own theme in WordPress | | |
| Lecturer name | Anthony Evans | | |
| Student name | | | |
| Student ID number | | | |
| Telephone contact number | | Email: | |
| By completing and submitting this signed form to my lecturer, I am stating that: <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 project specifications | <input type="checkbox"/> |
| 2 | Include a style guide | <input type="checkbox"/> |



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| | | |
|----|---------------------------------------------------------------------------------|--------------------------|
| 3 | Include functional specifications | <input type="checkbox"/> |
| 4 | Identify plugins | <input type="checkbox"/> |
| 5 | Create the prototype. (WordPress – saved as separate theme before changes made) | <input type="checkbox"/> |
| 6 | Create content types and site hierarchy as to the documentation | <input type="checkbox"/> |
| 7 | Theme screenshot included (jpeg file) | <input type="checkbox"/> |
| 8 | Includes version number, author details and theme name (CSS file) | <input type="checkbox"/> |
| 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:** _____