



Australian Government

Assessment Requirements for ICTWEB521 Customise complex ICT content management systems

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- create a content management system (CMS) powered website, using an open source with at least two additional custom functionalities not available from CMS, according to technical requirements.

In the course of the above, the candidate must:

- perform basic content manipulation tasks on at least two different browsers and at least two different devices
- evaluate additional content management functionality required against programming and security standards
- customise functionalities into pre-existing core CMS using programming techniques
- validate front-end code markup against standards set by the World Wide Web Consortium (W3C)
- confirm final website is cyber secure and complies with cyber security procedures and protocols.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- different content management systems and their respective functionalities, restraints and requirements
- different markup languages and their applicable standards
- customisation creation processes, including development of plug-in's and extensions and programming techniques
- CMS vendor requirements, installation and configuration processes
- client and business specifications and requirements, including:

- server functionality
- required functionality of website
- required server-side language and application processes and hosting environment
- pre-existing restraints applicable to developing website solutions
- website, web accessibility, programming and security standards applicable to customising CMS
- website validation processes
- cyber security procedures and protocols.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- client and business specifications, requirements and content
- content management system required to customise complex CMS
- hardware, software and its components applicable to developing and installing CMS customisations
- a text editor
- a range of browsers and digital devices
- the internet and its connectivity.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>