



Australian Government

Assessment Requirements for ICTWEB453 Optimise websites for mobile devices

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created unit of competency to address in-demand skills needs .

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:

- implement at least two mobile-user features to a website
- test the user experience of at least two different websites using a mobile device.

In the course of the above, the candidate must:

- update and adhere to website testing plans and timelines
- identify required website and design structures
- confirm functionality and accessibility of website information architecture
- apply required organisational policies and procedures.

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:

- website requirements of industry-recognised mobile devices
- testing and operating procedures for user control functions, including:
 - text size
 - brightness
 - sound effects
- functions and features of mobile view strategies, responsive designs and required configuration components
- methods to test and debug website features, functionality and view options, including:
 - font
 - display view

- speed
- key types of code and extensible markup language (XML) tags for uniform resource locators (URLs), including:
 - location
 - last changed
 - changed frequency
 - priority of page
- methods to locate sitemap files and apply to search engines
- mobile website deployment operations
- periodic website testing plans and timelines
- web content accessibility guidelines (WCAG) and digital accessibility standards
- organisational policies and procedures, and legislative requirements relating to work tasks.

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:

- mobile devices on which websites can be loaded and used
- required configuration and deployment components
- opportunities for interaction with others
- work brief, web standards and guidelines, and organisational policies and procedures required to demonstrate the performance evidence.

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>