Australian Government

ICTWEB402 Confirm accessibility of websites for people with special needs

Release: 1

ICTWEB402 Confirm accessibility of websites for people with special needs

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to ensure that a website is accessible to users with auditory, visual, mobility, and cognitive impairments, and those people who use assistive technology.

It applies to individuals who use analysis and technical skills, to build and test websites.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Web

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify the accessibility standards	1.1 Research and identify, specific user groups with particular accessibility requirements 1.2 Identify general legislated and industry accessibility standards, and requirements, to understand the wider context of accessibility 1.3 Identify web development standards, and prioritise application 1.4 Consolidate specific and general standards, and requirements, into an accessibility checklist for application to website related work
2. Test for website	2.1 Select and prepare, the appropriate automatic testing tools and

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ELEMENT	PERFORMANCE CRITERIA
accessibility	software
	2.2 Run the automatic testing tools and make document changes, based on the results
	2.3 Ensure that the text equivalent for every non-text element is present in the website, where feasible
	2.4 Verify that information conveyed with colour is also available without colour
	2.5 Identify any changes in the natural language of a document text
	2.6 Check and ensure, that the document can be read without style sheets
	2.7 Check and ensure that the priorities identified in the analysis of web development standards are met and completed
	2.8 Test the site with different user groups, to ensure that the site transforms successfully and maintains accessibility
3. Test the pages	3.1 Check and ensure that the pages are not dependent on colour, and can operate in a monochrome environment
	3.2 Check and ensure that the pages are logical and accessible, in a text-only environment
	3.3 Verify that the pages operate on a text-to-speech browser
	3.4 Ensure that the accessibility of the website is signed off by the appropriate person, as meeting the web-development standards

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1-1.3, 2.1-2.8	• Identifies, analyses, and evaluates complex texts to determine work requirements
Writing	1.4, 2.1, 2.2, 2.4-2.8, 3.1-3.4	• Uses specific software and technical language to format, review, and amend web-based documents and diagrams • Generates checklists that include accessibility standards criteria and other specific requirements

Oral Communication	2.8	• Participates in verbal exchanges with stakeholders, using listening and questioning to elicit information and to share viewpoints
Navigate the world of work	1.2, 1.3	• Takes personal responsibility for adherence to the regulatory and legislative standards related to own work context
Interact with others	3.4	• Selects and uses the appropriate conventions and protocols, to communicate with others in a specific work context
Get the work done	1.4, 2.1, 2.2, 2.7, 2.8, 3.1, 3.2, 3.3, 3.4	• Accepts responsibility and the ownership of tasks, and makes decisions on completion parameters, and the need for consultation and coordination with others • Plans, sequences and prioritises tasks, and own workload, for efficiency and effective outcomes • Understands the purposes, specific functions and the key features of common digital systems, tools and software, and operates them effectively to complete a series of diagnostic tests, and tasks, that meet prioritised web development standards for accessibility

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWEB402 Confirm accessibility of websites for people with special needs	ICAWEB402A Confirm accessibility of websites for people with special needs	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2

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