ICTWEB437 Create website testing procedures

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.

Application

This unit describes the skills and knowledge required to design and implement procedures, which measure the performance of a website and compare these procedures to the initial design specifications.

The unit applies to individuals who may use significant judgement in planning, design, evaluation, technical or leadership and communications functions in frontline technical support roles.

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. Document and define performance criteria	1.1 Review performance specifications and determine benchmark criteria 1.2 Validate and document each performance function 1.3 Select measurement methodology 1.4 Record and document metric tools using applicable methodology 1.5 Prepare performance benchmarks and seek agreement on criteria with client
2. Validate performance measures	2.1 Design and develop inspection and test plans and validate performance measures throughout performance cycle 2.2 Test performance functions and record results according to

ELEMENT	PERFORMANCE CRITERIA
	technical documentation and organisational standards
	2.3 Compare results of performance function testing to benchmarks
	2.4 Redesign functions that do not meet performance benchmarks
	2.5 Re-implement functions that have been redesigned during performance testing
	2.6 Document performance standards and benchmarks and obtain sign-off
3. Finalise and obtain sign-off	3.1 Submit methodology and function testing document and results and obtain client approval
	3.2 Review client feedback and make changes as required
	3.3 Obtain website testing procedure sign-off

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Numeracy	• Measures and evaluates performance, against established baseline numerical values
Oral communication	• Participates in verbal exchanges with the client requiring active listening and responses to questions and elicits required and specific information
Reading	• Evaluates, integrates and confirms authenticity of data and information and reaches an understanding of contextual and procedural nature of business solutions
Writing	• Develops and documents benchmark standards, performance plans, measurements and detailed results and recommendations using required formats and writing principles in accordance with technical standards and organisational conventions
Teamwork	• Selects and uses applicable conventions and protocols when communicating in a range of familiar work contexts
Self-management	• Takes personal responsibility for following explicit and implicit, organisational requirements applicable to own work • Determines, implements and evaluates testing and validation processes using analytical thinking, systematic decision- making and diagnostic processes

SKILL	DESCRIPTION
Technology	• Identifies and confirms purposes, specific functions and key features of common digital systems and tools and operates them in performing testing procedures

Unit Mapping Information

Supersedes and is equivalent to ICTWEB406 Create website testing procedures.

Links

Companion Volume Implementation Guide is found on VETNet -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2