ICTSAS504 Develop and conduct client acceptance test

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 1.0.

Application

This unit describes the skills and knowledge required to plan and conduct acceptance testing as part of the process whereby clients will determine whether to accept the system.

It applies to experienced individuals working in a range of information and communications technology (ICT) environments, who apply specialised and technical knowledge in the development of strategic initiatives and in performing or organising others to complete complex technical operations.

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

Unit Sector

Systems administration and support

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 acceptance criteria and develop test plan	1.1 Review system requirements documentation and project plans to identify mandatory system objectives and optional criteria, and conditions for system acceptance
	1.2 Develop test plan based on system requirements
	1.3 Review and validate test plan based on mandatory criteria, conditions, and system objectives and requirements
	1.4 Communicate test plan to client and prepare client for acceptance test
	1.5 Notify appropriate person of the scheduled acceptance test

ELEMENT	PERFORMANCE CRITERIA
2. Perform functional testing on software modules	2.1 Prepare test environment for client use 2.2 Perform testing according to test plan and documentation 2.3 Execute each test cycle 2.4 Document errors, difficulties and problems
3. Validate test results against expected results	3.1 Record and investigate discrepancies and corrections according to project procedures and timeframe 3.2 Brief client on outcomes to ensure client understands test results 3.3 Monitor system performance as required 3.4 Reschedule required code changes or modifications
4. Obtain sign-off and acceptance	4.1 Confirm test results with client 4.2 Identify and document client concerns over system operation 4.3 Identify possible solutions to concerns and notify appropriate development staff as required 4.4 Confirm client approval and obtain sign-off 4.5 Seek and formalise agreement of involved parties regarding the rescheduling of further required maintenance

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	• Interprets and analyses textual information and data from a range of sources to determine necessary testing and actions
Writing	1.2, 1.4, 1.5, 2.4, 3.1, 3.2, 4.1-4.5	• Uses clear and accurate language and documentation formats appropriate to different audiences/purposes to convey technical information
Oral Communication	1.4, 1.5, 3.2, 4.1-4.5	• Uses clear and accurate language to convey technical information to a range of personnel • Uses questioning and listening techniques to confirm understanding of testing arrangements

Numeracy	1.1, 2.4, 3.1, 4.1	• Uses mathematical equations to calculate financial and technical data and to organise schedules • Accurately interprets, analyses and documents numerical and technical system data
Navigate the world of work	1.3	• Identifies and acts on issues that contravene relevant policies, procedures and legal requirements
Interact with others	1.4, 1.5, 3.2, 4.1-4.5	• Selects, implements and manipulates communications systems, processes and practices for maximum impact • Uses a variety of relevant communication tools and strategies in building and maintaining effective working relationships • Influences and fosters a collaborative culture and facilitates a sense of commitment and workplace cohesion
Get the work done	1.1, 1.2, 2.1-2.3, 3.1, 3.3-3.5	• Plans strategic priorities and outcomes within a flexible, efficient and effective context in a diverse environment exposed to competing demands • Gathers and analyses data and seeks feedback to improve plans and processes • Addresses complex problems involving multiple variables, using formal analytical, lateral thinking techniques, experience and knowledge to focus in on the root cause • Uses digital technologies to manage business operations and actively investigates new technologies for strategic and operational purposes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTSAS504 Develop and conduct client acceptance test	ICASAS504A Develop and conduct client acceptance test	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-b778-71c9e 9d6aff2