



Australian Government

Assessment Requirements for ICTICT318

Validate test cases and develop proof of concepts

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:

- develop at least one proof of concept to validate an information and communications technology (ICT) concept, where the work must include:
 - the validation of at least one test case
 - at least two recommended technologies to actualise the above proof of concept.

In the course of the above, the candidate must:

- report on and present ICT-specific information, recommendations and ideas
- securely store documents in required locations
- 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:

- methods to validate test cases
- functions and features of proof of concept documentation and briefs, including:
 - costs
 - timelines
 - operational capacities
 - resources
- features, advantages and disadvantages of concept technologies and components
- common types of factors that impact proof of concept briefs, including:
 - external environmental factors

- internal organisational factors
- methods to identify and analyse contributing factors and risks, including:
 - market analyses
 - competitor analyses
 - risk analyses
- industry-recognised methods to mitigate risks, including developing risk registers
- methods to validate test cases
- 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:

- required resources to validate and develop proof of concepts
- opportunities for interaction with others
- work brief 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>