



Australian Government

Assessment Requirements for ICTPRG444

Analyse software requirements

Release: 1

Assessment Requirements for ICTPRG444 Analyse software requirements

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

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 two high-level system solutions for one set of software requirements according to client requirements.

In the course of the above, the candidate must:

- analysing and document at least two functional and at least two non-functional requirements
- document requirements and work performed according to organisational procedures
- submit documents and obtain approval.

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:

- tools and techniques that may be used to analyse software requirements including;
 - client business domain
 - content features including clarity and readability
 - system functionality
 - document design and usability
 - budget creation techniques
 - modelling tools including unified modelling language (UML)
 - documentation techniques
 - risk analysis techniques
 - functions and features, of templates and style guides
 - the role of stakeholders and the degree of stakeholder involvement
 - software development life cycle overview

- systems development methodologies
- organisational procedures.

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:

- documentation regarding client and software functionality requirements
- sources of information including client business processes
- word processing software and its features
- required hardware and digital devices
- industry standard modelling software.

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>