



Australian Government

Assessment Requirements for ICTPRG512 Prepare for the build phase of an ICT system

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.

Performance Evidence

Evidence of the ability to:

- identify the best development platform, according to the project's technical specifications and quality standards
- identify the best development tools, according to the functional requirements, and documenting selection and evaluation
- obtain components for the platform, tools and the required hardware
- install, configure and test the platform and tools
- document the configuration of the platform.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify the client business domain
- explain current industry-accepted coding methods and standards in a recognised language, and in database management system (DBMS) modelling techniques
- outline the processes and techniques related to:
 - software and database design
 - architectures and their technical requirements
- describe the quality assurance practices required when building an information and communications technology (ICT) system.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the programming and software development industry, and include access to the:

- design specification
- software requirement specifications
- system requirements
- technical specifications
- version control standards.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>