



Australian Government

Assessment Requirements for ICTPRG536 Design application architecture

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.

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:

- design application architecture with at least five layered applications
- configure applications and adapt to at least two different locations.

In the course of the above, the candidate must:

- adapt a software product to a target market
- document processes and outcomes.

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:

- principles of database design that may apply to designing application architecture
- industry standard software development methodologies
- object-oriented programming and its role in application architecture
- software development life cycle relevant to designing application architecture.

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:

- both functional and non-functional requirements
- tools to design software architecture
- specific information for target market and audience.

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>