



Australian Government

Assessment Requirements for ICTDBS507 Integrate databases with websites

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:

- integrate, access, connect and update a database on at least one occasion.

In the course of the above, the candidate must:

- retrieve and display web-based data on at least two different browsers.

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:

- industry standard database structures
- industry standard internet technology for databases
- database programming control structures, object-oriented programming and database interfaces including:
 - structured query language (SQL)
 - NoSQL programming interfaces
- web programming concepts, including:
 - authentication and web security
 - hypertext transfer protocol (HTTP)
 - session management
 - principles of stateless programming.

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:

- industry standard hardware and software required for database integration activities
- industry standard software packages
- organisational deliverables
- organisational policies and procedures that may impact on database integration activities
- web server
- database
- web development environment
- different browsers.

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>