Assessment Requirements for ICTDBS416 Create basic relational databases

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:

- create a database on a database server, web hosting service or file server with at least three tables, on at least one occasion.

In the course of the above, the candidate must:

- design a database that meets task requirements
- test and debug database
- save changes to database.

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:

- processes used for creation of entities, attributes, and in populating fields, using software solutions and script-based input
- data-modelling techniques
- database design, modelling and implementation procedures
- naming conventions for database design
- security restrictions on servers, incorporating some theoretical concepts
- cyber security functions, policies and procedures according to organisation.

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:

- equipment, materials, hardware and industry standard software packages
- internet access including:
  - connectivity
  - different browsers
- software for creating entity-relationship (ER) diagrams
- software development environment.

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