Assessment Requirements for ICTDBS504 Integrate database with a website

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:

- access database using a web development language
- retrieve and display web-based data
- update web-based data.

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:

- describe a database structure
- outline internet technology as it relates to the use of databases
- identify and apply programming control structures, including object-oriented programming and structured query language (SQL)
- explain web programming concepts, including:
  - authentication and web security
  - hypertext transfer protocol (HTTP)
  - session management
  - defining the principles of stateless programming.

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 database field of work, and include access to:

- equipment

- industry software packages
- the requirements documentation
- a web server
- a database
- the web development environment
- browsers.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2