



Australian Government

Assessment Requirements for ICTWEB517 Create web-based programs

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:

- develop a web application in a stateless environment according to technical requirements.

In the course of the above, the candidate must:

- confirm user data is tracked in web application
- document testing and work performed on web application
- confirm web application is functional on at least two browsers and at least two devices.

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 web analysis and design
- features and functionalities of different web applications
- programming control structures and applicable languages
- code debugging techniques
- web application development process
- legislative and organisational requirements applicable to creating web applications
- web programming concepts including:
 - authentication and web security
 - hypertext transfer protocol (HTTP)
 - session management
 - stateless programming
- web front end and backend languages, including:
 - hypertext markup language (HTML)
 - cascading style sheets (CSS)

- JavaScript
- organisational procedures applicable to creating web applications.

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:

- a website development environment
- a server
- a database server
- web browsers and digital devices
- hardware required to create web applications.

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>