



Australian Government

Assessment Requirements for ICTPRG505 Build advanced user interface

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:

- apply advanced techniques in order to create a complex user interface (UI)
- determine the client's technology, development tools, and the UI platform
- plan the layout and structure
- review the conceptual design with the client
- implement interaction techniques, including interaction design patterns and client-side validation
- implement a customisable and personalised UI
- create and display the graphics
- add the multimedia.

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 the concepts of programming, including:
 - client-side programming
 - object-oriented programming
 - web design programming in hypertext markup language (HTML), cascading style sheet (CSS), and JavaScript
- describe the purpose of UI prototyping
- outline the documentation requirements for UI development.

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 programming and software development industry, and include access to:

- an integrated development environment (IDE)
- the client system, and the server system
- multimedia tools
- specific tools and licences, depending on the particular platform.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>