



Australian Government

Assessment Requirements for ICTPRG601 Develop advanced mobile multi-touch applications

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:

- design applications for small devices that allow multi-touch user input and have advanced mobile features
- build and test these applications
- deploy these applications onto mobile devices.

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:

- summarise the hardware, and networking, requirements of a multi-touch application
- describe and apply object-oriented programming
- identify and describe user interface designs, and their application
- describe web design methodology and its integration with hand-held devices
- identify and describe typical mobile devices that use multi-touch technologies
- summarise extensible markup language (XML) programming, and web services
- describe techniques for developing software applications.

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 should be typical of those experienced in the programming and software development industry, and include access to:

- hand-held devices and simulators
- an integrated development environment (IDE)

- the internet and web services
- the server system, with sufficient privileges to deploy applications
- 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>