



Australian Government

Assessment Requirements for ICTPRG436 Develop mobile 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 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 at least one mobile application using a platform and development environment according to task requirements.

In the course of the above, the candidate must:

- determine, prepare and configure a development environment
- design and build a user interface
- test and debug application and confirm task requirements are met.

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:

- programming considerations of mobile device hardware and networking
- applicable programming languages and frameworks
- programming constructs used in interacting with mobile applications
- constraints of different digital devices
- user-interface design principles and implementation methods applicable to developing mobile applications
- organisational guidelines and procedures applicable to developing mobile applications
- industry standard mobile and digital platforms.

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:

- mobile and digital devices and simulators
- integrated development environment (IDE)
- the internet
- server system with sufficient privileges to deploy applications
- platform and its tools
- required hardware and its components.

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>