Australian Government

Assessment Requirements for ICTPRG531 Prepare for application development using current methods

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 4.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit; including evidence of the ability to:

- Prepare once for application development using current methods, including the ability to:
  - determine the organisational requirements including selecting and using a tool set, implementing and incorporating a physical database, and identifying the schedule of modules
  - determine the work metrics including development goals, features and techniques most appropriate to the development environment
  - facilitate, plan, develop and document the version and change-control methods
  - facilitate training and exposure for users via chosen method
  - determine and secure agreement as to specifications and milestones
  - inform the production-system parties and secure written acknowledgment
  - administer and maintain time-recording and management
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Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- Commonly used and industry-accepted prototyping tools
- Programming languages commonly used for application development
- Quality assurance practices required for software development
- Iterative software development methodologies
- Training development and facilitation approaches
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Assessment Conditions

Skills must be demonstrated in a workplace or simulated environment where conditions are typical of those in an ICT working environment or ICT workplace. This includes:

- Integrated development environment
- Physical database
- Detailed user requirements
- Prototyping software
- Individuals users including to enable training facilitation
- Application requirements document, including the model and scope

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are available from VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2

PwC's Skills for Australia