Assessment Requirements for ICTPRG531
Prepare for application development using current methods
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Modification History

<table>
<thead>
<tr>
<th>Release</th>
<th>Comments</th>
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<tbody>
<tr>
<td>Release 1</td>
<td>This version first released with ICT Information and Communications Technology Training Package Version 4.0.</td>
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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

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
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