ICTICT444 Develop client user interfaces

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.

Application

This unit describes the skills and knowledge required to design and document a client user interface that integrates with front-end applications.

It applies to individuals who work in small-to-medium enterprises (SMEs) as software designers and developers and have achieved a degree of autonomy.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

General ICT

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare design for interface	1.1 Identify user needs from existing documentation and organisational requirements 1.2 Determine impact of user interface design according to system environment 1.3 Determine and review organisational goals and consistency to organisational styles 1.4 Define user interface design from data query and report formats 1.5 Document needs and findings and obtain approval for proposed interface from required personnel
2. Design and document user interface	2.1 Design menu structures according to acceptance criteria and organisational requirements 2.2 Design screen dialogues according to acceptance criteria and

ELEMENT	PERFORMANCE CRITERIA
	organisational requirements
	2.3 Design batch procedures where required according to technical specifications and acceptance criteria
	2.4 Design online help and prototype tutorials according to organisational requirements
3. Finalise client user interface process	3.1 Document prototype according to organisational policies and procedures
	3.2 Seek and respond to prototype feedback from required organisational personnel
	3.3 Submit prototype document and obtain final sign off from required personnel and task requirements

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Oral communication	• Uses listening and questioning techniques and applicable language to gather information, confirm understanding of requirements, liaise with the client and obtain feedback
Reading	• Interprets a variety of hard copy and online technical and design information to identify system environment, organisational requirements and clarify user requirements
Writing	• Uses spelling and grammar, plain English and specific terminology to produce documents and tutorials to organisational guidelines and user requirements
	• Uses applicable programming syntax and conventions to perform job role
	• Uses concise, plain English and identifies and applies organisational designs, styles, interface and writing principles consistently on titles, text links, buttons, error messages and other interface objects
Planning and organising	• Analyses implications of organisational policies and procedures when planning and undertaking work
	• Develops plans to manage relatively complex, non-routine tasks with an awareness of how they may contribute to longer term operational and strategic goals
Self-management	• Identifies requirements of important communication exchanges, selecting applicable channels, format, tone and content according to purpose and audience

Skill	Description
Technology	• Uses a range of digitally based technology and applications to access and filter data, extract, organise, integrate and share information

Unit Mapping Information

Supersedes and is equivalent to ICTICT420 Develop client user interface.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2