



Australian Government

ICTICT811 Manage an information architecture project

Release: 1

ICTICT811 Manage an information architecture project

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Application

This unit describes the skills and knowledge to develop and test an information architecture prototype that meets organisational requirements.

It applies to individuals who work in high-level management positions and lead the analysis, implementation and management of emerging, and converging, information and communications technology (ICT) as they are integrated into the business process to support organisational strategic goals.

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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Define the content needs	1.1 Research the strategic intent of the website, or system, from the business requirements and client expectations 1.2 Provide direction in order to develop the information requirements, based on the business and client requirements 1.3 Synthesise the required information, and group it into business schemes related to the business structure 1.4 Direct the determination of content requirements for each process
2. Contribute to the description of the system	2.1 Consult with network and system specialists

ELEMENT	PERFORMANCE CRITERIA
and transmission media	2.2 Critically analyse the features of the physical environment, to interface with the information system architecture 2.3 Estimate the traffic content and volumes, based on the business requirements
3. Supervise the development of content structure and navigation plan	3.1 Organise the information into related topics 3.2 Ensure that the information hierarchy is in a valid sequence 3.3 Provide direction for clear, valid and intuitive labelling 3.4 Review and commit to the feasibility of architecture design 3.5 Develop the acceptance criteria
4. Implement the navigation system development	4.1 Coordinate the fit of navigational systems with the business requirements 4.2 Supervise the development of navigational search subsystems 4.3 Lead the development of consistent, and logical, labelling systems
5. Finalise the testing and accept the information architecture model	5.1 Lead the construction of an information architecture prototype 5.2 Ensure that a broad sample of business clients are engaged 5.3 Ensure that the site content meets the business needs 5.4 Lead the testing of the information architecture prototype, to test that it operates on the chosen system, and transmission media 5.5 Supervise the user-acceptance test

Foundation Skills

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

Skill	Performance Criteria	Description
Reading	1.1, 1.3, 1.4, 2.2, 2.3, 3.1, 3.2, 3.4, 4.1, 5.3, 5.4	- Organises, evaluates and critiques ideas, and information, from a wide range of complex texts - Draws on a broad range of strategies, to build and maintain understanding throughout complex texts

Writing	1.2, 1.3, 2.3, 3.2, 3.3, 3.5	Selects the structure, language, grammar and terminology to suit the specific subject matter and audience, in order to develop a wide variety of documentation and directions, including direction for the content requirements, information hierarchy, navigational search subsystems, labelling systems and user-acceptance test
Oral Communication	1.1-1.4, 2.1, 3.3, 3.4, 4.1, 4.2, 4.3, 5.1, 5.4, 5.5	- Uses effective listening and probing, open questioning techniques to elicit the view and opinions of others, and to obtain information - Employs plain English to convey complex and abstract concepts, and information - Articulates requirements and strategies clearly, in a courteous manner, using the appropriate pitch, tone, body language and reflective responses
Navigate the world of work	1.1, 1.2, 1.3, 2.3, 3.3	Takes a lead role in the development of organisational goals, roles and responsibilities
Get the work done	1.1, 1.3, 1.4, 2.2, 3.1, 3.2, 3.4, 4.1, 4.2, 4.3, 5.1, 5.4	- Develops flexible plans for complex, high-impact activities with strategic implications - Takes responsibility for high-impact decisions in complex situations, involving many variables and constraints - Keeps abreast of innovations and good practice beyond own context, borrowing, adapting, combining and redesigning for own purposes, or using as a provocation to rethink current approaches - Demonstrates a sophisticated understanding of the principles, concepts, language and practices associated with the digital world, and uses these to troubleshoot, and understands the uses and potential of new technologies

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT811 Manage an information	ICAICT711A Manage an information	Updated to meet Standards for	Equivalent unit

Code and title current version	Code and title previous version	Comments	Equivalence status
architecture project	architecture project	Training Packages. Recoded and minor changes to Performance Criteria to meet AQF requirements	

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>

Assessment Requirements for ICTICT811 Manage an information architecture project

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Performance Evidence

Evidence of the ability to:

- identify the strategic and business intent of the website or system
- conduct business meetings, applying effective communication techniques
- research and determine the essential requirements of a product, applying quality management principles
- describe the features of the website or system
- develop the navigation system
- construct an information architecture prototype
- test the prototype with the operating system and the transition media
- supervise the user acceptance test.

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:

- examine the equity and diversity principles relevant to information architecture projects
- research and critique organisational policies and procedures, as they apply to the project
- determine and outline the public sector legislation, codes of practice and other formal agreements, that directly impact on the business operations
- evaluate the components of telecommunications networks
- research and synthesise the workplace, and industry environment, as it applies to information architecture.

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 must be typical of those experienced in the general information and communications technology (ICT) industry, and include access to:

- the computer system and a web-host workplace

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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