



Australian Government

ICTWEB522 Develop website information architecture

Release: 1

ICTWEB522 Develop website information architecture

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 develop information architecture for a complex website that meets business requirements.

It applies to individuals working as highly skilled web developers and designers and are responsible for the navigation and hierarchy of websites. They liaise with clients to adapt e-business into their corporate strategy, applying high-level knowledge of technical languages and design principles.

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

Unit Sector

Web

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. Identify content needs	1.1 Identify strategic intent of website from business requirements and client expectations 1.2 Define information and content requirements according to websites intent, intended audiences, types of client interactions and the websites long and short-term goals 1.3 Collate required information and content and group into business schemes applicable to business structure and processes 1.4 Identify website security access requirements
2. Plan content structure	2.1 Cluster and document information and content in related topics 2.2 Develop a hierarchy and site map of information and content 2.3 Check data and confirm sequence of hierarchy

ELEMENT	PERFORMANCE CRITERIA
	2.4 Confirm labels are accessible to client
3. Develop navigation system and create prototype	3.1 Build website navigation system according to business requirements 3.2 Confirm ease and accessibility of navigation on website and provide different ways of searching 3.3 Construct prototype of information architecture design
4. Test and sign off	4.1 Arrange for client and required personnel to test usability of prototype and determine if architecture meets client expectations 4.2 Confirm site content will format in business and client technical environments and different browsers and digital devices 4.3 Adjust architecture according to client feedback 4.4 Obtain sign-off prototype from required personnel and confirm business requirements are met

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	<ul style="list-style-type: none"> Uses listening and questioning techniques to convey client requirements, and articulate complex information using specific language applicable to audience
Reading	<ul style="list-style-type: none"> Reads and interprets specifications, technical data and other documentation from a variety of sources, and consolidates information to determine requirements
Writing	<ul style="list-style-type: none"> Develops and designs information architecture for a complex website using required language according to client and business requirements Prepares correspondence using applicable language, spelling and terminology to collect and confirm information
Planning and organising	<ul style="list-style-type: none"> Accepts responsibility for planning and sequencing complex tasks and workload Negotiates key aspects with others, including required capabilities, efficiencies and effectiveness
Problem solving	<ul style="list-style-type: none"> Applies systematic and analytical decision-making processes for complex situations
Technology	<ul style="list-style-type: none"> Uses and investigates new digital technologies and applications Manages and manipulates data and communicates with others in a

SKILL	DESCRIPTION
	secure and stable digital environment

Unit Mapping Information

Supersedes and is equivalent to ICTWEB508 Develop website information architecture.

Links

Companion Volume Implementation Guide is found on VETNet -

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