



Australian Government

CUADIG515 Design information architecture

Release: 1

CUADIG515 Design information architecture

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 5.0.

Application

This unit describes the skills and knowledge required to identify project requirements, classify and organise content and draft the design of information architecture of an interactive media product.

The unit applies to those who work collaboratively with clients and senior team members to develop content, structure and navigation of interactive media products. They also test the prototype.

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

Unit Sector

Visual communication – Digital content and imaging

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 project requirements	1.1 Discuss design brief with required personnel and clarify production requirements 1.2 Identify technical parameters of interactive media products, including delivery platform, content search and browse requirements 1.3 Identify characteristics of target audience 1.4 Determine content to be integrated into and generated by interactive media products
2. Classify and organise content	2.1 Research and select required thesaurus and metadata standards and tagging methodology 2.2 Detail levels of hierarchy and organise and construct content

ELEMENT	PERFORMANCE CRITERIA
	inventory 2.3 Assign applicable content labels for target audiences 2.4 Confirm proposed content classification meets project requirements in discussion with required personnel
3. Draft information architecture design specifications	3.1 Sketch overall architecture and outline relationship pathways between interactive content 3.2 Design forms that detail content input process, if required 3.3 Specify search functionality and search return displays 3.4 Construct wireframes of content architecture and navigation pathways 3.5 Write draft design specifications and advice for development teams 3.6 Present draft design specifications for discussion and feedback with required personnel and adjust as necessary 3.7 Confirm final draft design specifications meet project requirements with required personnel
4. Finalise information architecture designs	4.1 Conduct usability testing using applicable testing techniques 4.2 Incorporate required changes to information architecture in design specifications based on test results 4.3 Obtain final agreement from required personnel for finished design

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	• Participates effectively in spoken interactions using language and features applicable to the audience • Confirms project requirements and elicits relevant feedback using questioning and listening strategies
Reading	• Conducts critical analysis on information from different sources • Clarifies details and informs concept development
Writing	• Integrates detailed information and ideas from different sources • Develops detailed design specifications incorporating amendments and instructions for others • Uses industry standard labels

SKILL	DESCRIPTION
Initiative and enterprise	Ensures designs meet requirements and takes responsibility for analysing information and making decisions
Planning and organising	Adopts methodical and logical approach to planning, organising and implementing tasks
Teamwork	- Collaborates with others throughout all stages of the design process - Communicates with audiences using applicable practices and protocols
Technology	Assists with design tasks using digital tools

Unit Mapping Information

Supersedes and is equivalent to CUADIG505 Design information architecture.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUADIG515 Design information architecture

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Performance Evidence

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

- design at least two examples of information architecture.

In the course of the above, the candidate must:

- interpret and respond to design briefs
- research and organise content
- develop design specifications that meet project requirements, including:
 - sketches showing relationships and pathways
 - search functionalities
 - detailed wire frames
 - written specifications and advice for developers
- conduct usability testing on information architecture concept designs
- present and discuss design specifications.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- application of taxonomy and folksonomy content classification techniques
- application of metadata standards to specific products
- purpose of a thesaurus in organising content
- usability testing techniques in relation to information architecture design
- typical formats and techniques for documenting information architecture designs
- influence of delivery platforms on information architecture designs
- common technical parameters of interactive media products including:
 - pathway relationships between interactive content
 - search functionalities and return displays
- content input processes.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- interactive media briefs on which designs can be based
- sample content
- facilities and resources for testing information architecture designs.

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

Links

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