



Australian Government

ICTWEB417 Integrate social web technologies

Release: 1

ICTWEB417 Integrate social web technologies

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 required to successfully develop and integrate social networking code into new and existing websites.

It applies to individuals working as web developers who apply a wide range of knowledge and skills across a range of general information and communications technology (ICT) environments and support small to medium enterprises (SMEs) that require broader, rather than more specialised, ICT support.

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. Analyse the specifications and requirements	1.1 Evaluate different popular social networking websites 1.2 Discuss the benefits of social networking in websites 1.3 Discuss the negative aspects of social networking 1.4 Define goals, based on the client requirements, for successful social networking integration
2. Develop the code and documentation	2.1 Develop the guidelines for implementing social networking in a website 2.2 Develop the code to integrate a social networking website, into

ELEMENT	PERFORMANCE CRITERIA
	a pre-existing website 2.3 Use the pre-existing scripts and tools, to integrate a social networking website into a pre-existing website
3. Validate the integration	3.1 Validate social networking integration 3.2 Validate the performance of the social networking integration in different browsers, checking compatibility and display

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, 1.4, 2.3, 3.2	Analyses and consolidates information and data, from a range of sources, against the defined criteria and requirements, and checks for accuracy and completeness
Writing	1.4, 2.1, 2.2	Develops clear and well-organised material for a specific audience, using precise language to convey explicit information requirements and recommendations
Oral Communication	1.2, 1.3	Determines and confirms client requirements using collaborative and inclusive techniques, including active listening and questioning, and reading of verbal and non-verbal signals, to convey and clarify information and to confirm understanding
Interact with others	1.2, 1.3	Selects and uses the appropriate conventions and protocols, when communicating with clients in a range of work contexts
Get the work done	1.1, 1.4, 2.1-2.3, 3.1, 3.2	- Takes responsibility for planning, sequencing and prioritising tasks, and own workload, for efficiency and effective outcomes - Makes routine decisions, and implements standard procedures for routine tasks, using formal decision-making processes for more complex and non-routine situations - Addresses less predictable problems and initiates standard procedures in response to these problems, applying problem-solving processes in determining a

		solution • Uses familiar digital technologies and systems, to access information, search and enter, data and code, present information and communicate with others, cognisant of data security and safety
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWEB417 Integrate social web technologies	ICAWEB417A Integrate social web technologies	Updated to meet Standards for Training Packages	Equivalent unit

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 ICTWEB417 Integrate social web technologies

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Performance Evidence

Evidence of the ability to:

- analyse requirements for the integration of a social networking website into a pre-existing website
- determine the content management functionality, against current programming and security standards
- select an appropriate social networking platform
- develop and implement, social networking integration codes into an existing website
- validate frontend code markup, against the standards set by the World Wide Web Consortium (W3C).

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:

- outline the markup language and its associated standards
- summarise server-side language
- describe the advantages and disadvantages, of integrating social networking into web sites.

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 website technologies field of work, and include access to:

- client requirements
- a text editor

- a range of browsers
- the internet for research
- application programming interface (API) documentation.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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