Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Operations Management

Title	Define user access control for media content
Code	108006L4
Description	This unit of competency applies to all Digital Media Technology (DMT) practitioners who are responsible in managing user access control of the organisation's media content. The media contents are expected to be held in Digital Asset Management (DAM) or Content Management System (CMS). This UoC concentrates on defining general access control of contents at application level and makes no assumption or reference on how it is implemented at server level.
Level	4
Credit	3

Competency	Performance Requirements
	1. Knowledge for defining user access control for media content
	
	• Possess project management and coordination skills
	• Good knowledge of digital media contents
	• Good knowledge of security functions and features of DAM and CMS systems
	• Detailed knowledge of the organisation business objectives
	
	2. Define user access control for media content:
	
	• Review the type of user and ROLEs that will be accessing the server system, such as but not limited to:
	   o Guest
	   o Administrator
	   o Staff
	   o Creator
	   o Author
	   o Designer
	   o Programmer
	   o Buyer
	• Review different ATTRIBUTEs of media contents, example may include but not limited to:
	   o Published work
	   o Unpublished work
	   o IP protected document
	   o Internal use
	   o Internet use
	• Review and identify all possible OPERATIONs (characteristic of access management), examples may be:
	   o Replicate from one computer to another.
	   o Render an image on a screen.
	   o Downloadable
	   o View only
	• Define common access control policies in the format acceptable by the system such as: ROLE + ATTRIBUTE + OPERATION. For example: a gamer purchaser may have access policy = (buyer + published work, Internet use + downloadable, viewable)
	• Each user is mapped to ROLE + ATTRIBUTE + OPERATION or a common policy which the system used to control access

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	3. Exhibit professionalism • Comply with asset management standards and respect intellectual property rights • To implement DAM that can reduce total cost of ownership (TCO) and required returned of investment (ROI)
Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: • Accurately review categorisation and security structure of digital contents required for content server • Identified all the ROLES, ATTRIBUTES and OPERATIONS of media content and users • Map all users to correct ROLES, ATTRIBUTES and OPERATIONS that can provide the correct access control
Remark	