Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Transaction Security Technology

Title	Develop website security overall planning solution
Code	107240L5
Description	Set up a website security crisis monitoring system and comprehensive website security overall planning solution. When a crisis occurs, the system and solution could prevent websites and sensitive information from being attacked and damaged so as to protect the corporate business.
Level	5
Credit	6 （For Reference Only）

Competency	Performance Requirements
	1. Analyse corporate e-business situation and the overall positioning of the website security solution
	
	• Analyse the overall business e-business situation, including: business model, information technology and Internet use, website content, Internet marketing strategy etc.
	• Analysis of corporate website security needs
	    o Evaluate the loss from website attack
	    o Determine the impact of corporate development scale and user demand trends on website function
	    o Use the Penetration Test Tool to test the website current safety standards
	• Analyse and prioritize the overall website security planning program, for example:
	    o Protect sensitive information
	    o Encrypted data
	    o Protect identity authentication
	
	2. Plan the overall website security solution
	
	• Establish a safety monitoring mechanism
	    o Establish an active safety detection mechanism
	    o Implement effective intrusion prevention mechanism
	    o Establish timely response mechanism for website problems
	• Develop financial plan for the proposed solution and analyse the budget
	• Develop implementation details and monitoring
	• Implement evaluation and control
	• Implement pre-test
	
	3. Exhibit professionalism
	
	• Ensure the website security solution would take into account the overall website system performance and non-technical factors such as costing.
	• Comply with the relevant legislative requirements in developing the website security solution.

Assessment Criteria	The integrated outcome requirement of this UoC is the ability to: • Understand the overall process of website security planning • According to different corporate e-business environment, develop appropriate website overall security overall planning solutions.
Remark	