Specification of Competency Standards for the Retail Banking
Unit of Competency

Technology Management > 5.4 Design, Development and Implementation

Title	Perform system development and engineering
Code	107441L5
Range	Design and develop technology systems for the bank. This applies to system engineering to support different operations which will be applied throughout a particular business area
Level	5
Credit	4

Competency	Performance Requirements
	1. Evaluate needs and requirement of users
	      Be able to:
	• Consult internal users to draw up user specifications of different system applications based on the identified needs
	• Analyse the goals of users and practical considerations when designing the configuration
	2. Manage system development projects
	      Be able to:
	• Formulate scope, objectives and time frame, etc. for system development projects
	• Direct and monitor the implementation of system development projects to ensure compliance with the stated plan
	• Establish communication channels between system development team and internal users to coordinate the project initiatives and internal operations for ensuring the fulfilment of identified user requirements
	3. Develop systems in accordance with identified user requirements
	      Be able to:
	• Formulate security standards for different system applications and ensure that system developed is in compliance with the predefined standards
	• Conceive, design and propose architecture design and configurations of different technological applications to facilitate product development, service delivery and supporting functions
	• Design system test / trial runs (e.g. SIT, UAT, etc.) to verify functionality of design and examine its effect on affected units; revise the design based on the test results when necessary

Assessment Criteria	The integral outcome requirements of this UoC are: • Managing and monitoring system development projects to ensure fulfilment of identified user requirements • Development of systems based on analysis on user requirements, security standards and test results, etc.
Remark	