Specification of Competency Standards
for the Banking Industry
Unit of Competency

Functional Area - 6. Technology Management
(Key Function – 6.5 Enterprise Intelligence)

Title	Design database system for managing enterprise intelligence
Code	109396L5
Range	Designing database systems for specific functions (e.g. Customer Relationship Management, Enterprise Resource Planning, etc.) identified by the bank. This applies to database system for different kinds of information.
Level	5
Credit	4 （For Reference Only）
Competency	Performance Requirements 1. Knowledge in the Subject Area Be able to: • Comprehend the technical knowhow of different methodologies and systems to collect stakeholders' useful information and apply them to consult internal users in order to understand their operations and identify their information needs; • Understand essential elements to facilitate an effective system design exercise and apply the knowledge to analyse user requirements in business intelligence, such as customer information, business or transactional information. 2. Applications Be able to: • Assess impact brought by the system and design measures to integrate the system with existing operations; • Propose design of database system which can accommodate the requirements of different users; • Source appropriate data analysis application to support the informational needs; • Develop system that can integrate information from different data sources; • Design and maintain database supporting tools, database dictionaries and any recovery or back-up mechanism; • Develop monitoring system to regulate the update of data and ensure that data are of reasonable accuracy. 3. Professional Behaviour and Attitude Be able to: • Keep abreast with the latest development and business trends to review, upgrade the systems when necessary in order to facilitate the achievement of business goals; • Take actions to ensure that the design of database system is easy to maintain and expandable (i.e. scalable).
Assessment Criteria	The integral outcome requirements of this UoC are: • Designing database systems and supporting tools to manage data possessed by the bank. The design should be based on a thorough analysis on user requirements and business operations.
Remark	