Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Website Design and Development

Title	Master the application technology development of Java Platform Enterprise Edition
Code	107216L5
Description	In the process of website design and development, build Java Enterprise Edition (Java EE) development and operating environment. Apply a variety of high-level technology to achieve development and establish perfect and safe corporate application system.
Level	5
Credit	6 （For Reference Only）
Competency	Performance Requirements 1. Understand the Java EE technology and security • Understand Java EE technologies such as distributed transaction support, asynchronous messaging and e-mail • Master Java EE certification, authorization, message integrity and confidentiality, and the security-related technology • Understand the Java EE development and operating environment 2. Apply Java EE technology to build complete and safe corporate applications • Understand the Java development and deployment environment • Apply the Java EE technology such as JDBC relational database access, RMI-IIOP distributed system, JMS asynchronous messaging, XML, SOAP, Web services, JCA, JCE, CertPath and JSSE encryption system, JAAS authentication And authorization • Apply the complementary operating supports of CORBA and the industry standard Internet Inter-Orb (IIOP) • Establish large-scale distributed system environment for corporate application system 3. Exhibit professionalism • Ensure the Java EE development technology meets industry or international standards • Ensure the integration and security of the corporate system.
Assessment Criteria	The integrated outcome requirement of this UoC is the ability to: • Understand the software architecture, develop model analysis, technology and security of Java EE. • Master the development of Java EE software and methods of target positioning. Establish large-scale distributed system environment for the corporate-class application systems.
Remark	