

Specification of Competency Standards
for the Retail Industry
Unit of Competency

Functional Area - Website Monitoring and Testing Technology

Title	Implement webpage function testing
Code	107245L4
Description	According to the website requirements, examine the website system to fulfill the application requirements including link test, form test, Cookies test, data inspection, web site specific functional requirements testing and design language testing etc.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Understand the concept of webpage function testing <ul style="list-style-type: none"> • Identify the types and purposes of the webpage function tests, such as link testing, form testing, Cookies testing, data checking, etc. • Apply a variety of webpage function testing methods, such as in the link test to ensure that all pages are connected and there is no isolated pages; tests on the boundary value test, abnormal class in the webpage form etc. 2. Master webpage function testing <ul style="list-style-type: none"> • Perform a variety of webpage function tests, such as whether the test page link is correct, test whether the Cookie is working properly, test the border value, etc. • Perform checking on data consistency, such as errors caused by incorrect information submitted by the user, problems caused by network transmission rate or program design problems • Analyse website-specific functional requirements • Compare the differences in design languages, such as testing of different script languages over different webpage versions • Prepare the relevant test report 3. Exhibit professionalism <ul style="list-style-type: none"> • Ensure webpage function testing in line with international standards. • Ensure the usability of the website contents.
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Understand the types, purpose, methods and other concepts of webpage function testing. • Master a variety of webpage function tests to meet the requirements of the system.
Remark	