

Penril Datability (M) Sdn. Bhd.

Document Title	Work Instruction - System Acceptance Test
Document No.	PENRIL/QPS/WI/001
Document Type	
Team	Quality & Professional Service



Initiator (Process Owner) _____ QA Manager	Verified _____ Director – Professional Services	Approved _____ General Manager
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Revision No. : 00

Date : 01/08/2011

TITLE : WI – INTERNAL PROJECT ACCEPTANCE TEST

Version No	Date Updated	Description Of Change	Request By <Name, Dept>	Updated By <Name, Dept>
00	01/08/2011	Initial Release	Management	Haida Dasuki, QPS

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Process Flow	Descriptions	Records
<pre> graph TD Start([Start]) --> Create[Create Project Test Script and Checklist] MC[Module Change] --> Update[Update Script] Update --> Create </pre>	<p>QA to create Project Test Script and Checklist as per Business Requirement Specification (BRS) received from Developer.</p> <p>Any request for module change shall be done via Change Request Form as per Change Request Workflow.</p>	<p>Task:</p> <p>Project Test Script is part of the User Acceptance Test Plan and will be converted to Checklist based on module.</p>
<pre> graph TD Review{Review and Verify?} -- No --> Create Review -- Yes --> Auto{Auto Test Script?} Auto -- No --> Review Auto -- Yes --> Build[Build Auto Test Script] </pre>	<p>Developer/QA Manager shall review the Project Test Plan and Checklist. Developer/QA Manager shall then to decide if there is need to build Auto Test Script.</p>	<p>Check Point 1:</p> <p>1. Project Test Script</p> <p> Template - Test Script.doc</p>
<pre> graph TD Build[Build Auto Test Script] --> Deploy[Deploy to Development Environment] Deploy --> Error{Test Script Error?} Error -- Yes --> Fix[Fix Script] Fix --> Build Error -- No --> Received[Received Module / Complete System] </pre>	<p>If required, QA shall build Auto Test Script and then send for deploy. If any error found during deployment, QA shall fix the test script.</p> <p>All activities and Auto Test Result shall be updated in Redmine.</p>	
<pre> graph TD Received[Received Module / Complete System] --> Manual[Perform Manual Test] Manual --> Errors{Errors?} Errors -- Yes --> Report[Error Report & Request for Correction] Report --> Manual Errors -- No --> Complete[Complete Test Script & Sign-Off] Complete --> Summary[Updated Project Test Summary] Summary --> End([End]) </pre>	<p>Developer will sent the task for testing to relevant QA via Redmine. QA assigned shall then log into the mock-up system and perform the testing for the module.</p> <p>QA perform all tests as per User Accetance Test Plan and Schedule (prepared by PM) and according to the scripts developed during the design and construction phases. All test result and activity shall be updated in the Redmine.</p> <p>If any error found, QA shall then compile all the error report and send back to appropriate Developer via Redmine for correction.</p> <p>Upon completion, QA shall fulfill the Test Checklist and fill in the QA Evaluation Sign-Off form.</p> <p>QA shall then update the System Test Summary and file all related test documents accordingly.</p>	<p>Check Point 2:</p> <p>1. Error Report (Test Result)</p> <p>2. QA Evaluation Sign-Off Form</p> <p>3. System Test Checklist</p> <p> Template - Module Test Checklist.doc Form - QA Evaluation Sign-Off</p> <p>Monitoring & Measurement</p> <p>1. System Test Summary/Report</p>