Test Management Framework

Use SmartBPM® processes to manage your application testing

Challenge
Quality Assurance managers want consistent application testing and want to incorporate version and work management practices, using domain-specific knowledge and solution capabilities that are not visible or controllable in most testing frameworks.

Features
- Builds test scenarios, and suites for multiple applications
- Creates work assignments for testers
- Includes use cases and test cases from Direct Capture and Automated Unit Testing
- Generates test documentation, including test plans, progress reports, and coverage details
- Works with automated and user-run tests

Benefits
- Leverage existing use case and unit test case assets
- Gain insight into test coverage
- Improve testing with managed processes
- Handle testing consistently throughout a project
- Achieve visibility on quality and completeness with comprehensive management reports

The Test Management Framework implements best practices for testing and deploying SmartBPM-based applications, providing a framework for testing new applications and incremental changes.

The Test Management Framework lets test managers create test plans and monitor progress, and lets testers perform tests using assigned work and provide feedback.

Test Definition
The Test Management Framework includes a test definition module that allows managers to define, assign, and monitor test suites, scenarios, and segments. Tests can be defined using Use cases from Direct Capture or Unit Test cases from Automated Unit Testing.

Managers can attach files and effort estimates to tests, and can define scripts to be followed during test execution. Delays can be added to simulate user response delays to test SLA and escalation behavior.

The Test Management Framework generates and monitors a test plan based on tests and estimates, and reports on results against the plan, including product quality and test completeness.
Test Execution

The Test Management Framework also includes a test execution module that manages tests as work assignments. Testers perform the work, using scripts and attachments to perform tests and report results. Testers can annotate test results with suggestions and questions.

Test managers use test reports to track test counts, inventories, and coverage. Managers can change test scenarios directly in the test execution module in response to test failures, and can control test assignment for full and incremental tests.

Accelerate, Collaborate, and Transform with SmartBPM® 6®

SmartBPM® Methodology is implemented in SmartBPM® 6 and optional frameworks like the Project Management and Test Management frameworks. With Pegasystems’ SmartBPM, you can automate the complete universe of work, collaborate seamlessly among groups and with IT, and transform your business by revolutionizing customer experience across all channels and driving continuous improvement with software-enabled methodology. Now you can do more than just plan or model, now you can ACT.

The Test Management Framework Portal requires SmartBPM® version 6.1 SP1 or higher. Test systems require 5.4 SP2 or higher.

For more information, please contact your Pegasystems representative, visit us on the Web at www.pega.com, or e-mail us at info@pega.com.