



		associated defects that have been deferred to some future date. <ul style="list-style-type: none"><li>• Test execution documentation/evidence capture has been completed.</li></ul>
Production Deployment Test	<ul style="list-style-type: none"><li>• Functional Regression (Shakeout)</li></ul>	<ul style="list-style-type: none"><li>• Shakeout complete without error.</li></ul>

**NOTE:** The detailed [Test Specifications](#) and results are attached and published in the project's JIRA or SharePoint site.

c. **Test Preparation –**

Testing starts with a thorough analysis of the application Features to be tested utilizing all available information including the Agile Vision Document, Stakeholder Features document, User Stories, Solution Specs & Design document, approved Change Controls, and direct contact with Business, Business Analysis, and Development personnel. This analysis provides the team the ability to formulate and document test scenarios. A **Test Scenario** is the Description portion of a test case that describes the test condition to be applied for a particular requirement and the result that the system is expected to produce when that condition is applied. Prior to any Test Stage, test scenarios are created, reviewed and approved by the Development team to ensure adequate test coverage of the requirements.

The test scenarios are primarily created relative to the Acceptance Criteria specified for the Features and the User Stories that define them. However the other inputs often suggest scenarios not directly covered by the Acceptance Criteria, for example the System Context Diagram will identify systems that interact with the system-under-test thus suggesting Integration tests. Since the Acceptance Criteria are the basis for testing, it is important that they are well understood by the Development team. Therefore they should be well-written and/or thoroughly described ideally following the [INVEST model](#) (Independent, Negotiable, Valuable, Estimable, Small and Testable). **NOTE:** Acceptance Criteria or Integration points not disclosed to or identified by the Development team will not be tested.

The test scenarios include both the positive and negative conditions that will be applied during testing. For each Acceptance Criteria defined, the team will define one or more test scenarios. Each scenario will be transformed into a detailed **Test Case** by the inclusion of step-by-step directions to evaluate the test conditions against the expected results for each step. The team will create Feature/Story coverage by linking each test with the Feature/Story it relates to. Test Automation associates "Tags" to each test case (ex/ @US123 to show that the test relates to User Story 123). Manual tests use an [SDLC standard template](#) which includes a User Story column to relate the test to the Story. Tests can also be grouped to meet the various testing goals, which may include testing a specific function, performing Regression, etc.

d. **Test Execution –**

Test execution deals with performing the actions described in each test case step and capturing evidence that the expected result of the action was observed. Evidence can be in the form of screenshots and/or files. Where the expected result was NOT realized, a defect is raised.