



TEST MANAGEMENT PLAYBOOK:

A how-to guide to creating and managing tests within Contour.

What is test management? The goal of test management is to Requirements management and test management naturally go hand in hand to create a seamless interaction between planning and quality assurance.

We built Contour to connect everyone together as you capture, organize and manage all of the requirements, decisions and ongoing discussions within your projects. With the new test management features in Contour 3.1, you can bring quality assurance (QA) managers into Contour to create and organize test plans and test cases, as well as assign tests to QA testers. QA managers can then create dashboards and filters to manage testing in real-time. Testers can view and run their test cases, and log defects when tests fail.

Contour connects requirements, test cases and defects together through relationships. This provides end-to-end traceability to ensure all items are covered. Within this playbook, we provide a step-by-step guide to help you understand and use these testing features.

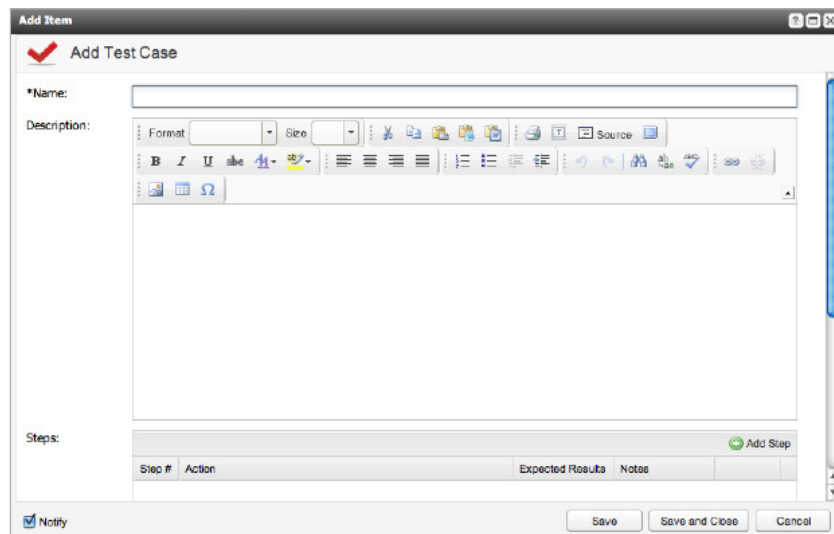
❖ Test Management – an overview of the process.

1. Create test cases
2. Build a test plan
3. Add test cycles
4. Run assigned tests
5. Log a defect
6. Review test progress

example scenario: Steve is the QA manager responsible for testing the next release of CoveragePlus. Test cases have been created based on the approved use cases, but Steve needs to take these and mold them into a test plan for his testers.

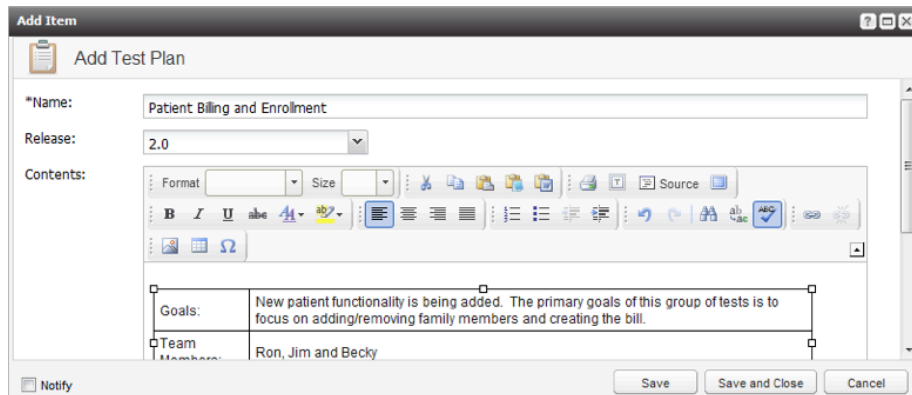
After he adds his test cycles, Frank, one of his QA testers, will run his assigned tests and log any defects he finds. Throughout the testing progress, Steve can keep a finger on the pulse by checking in on his project dashboard widgets.

ONE: ADD test cases. To begin, Steve can create or import his test cases into Contour and relate them to relevant items. He can also review the test cases with stakeholders to ensure they are accurate and cover all cases. Here, he enters the test case description and steps within Contour.

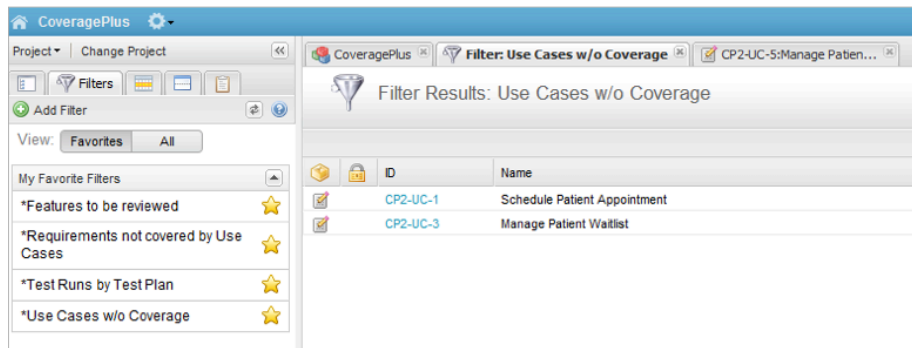


TWO: ORGANIZE a test plan. Steve will add a test plan and group test cases to help managing the testing effort. He can add individual test cases or add other groups of test cases into this plan's test group.

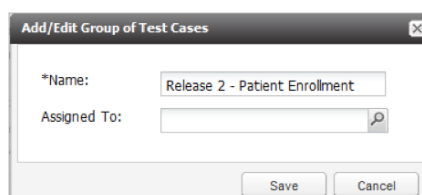
This test plan highlights the goals of the QA Team for the release as well as the team members that will be involved.



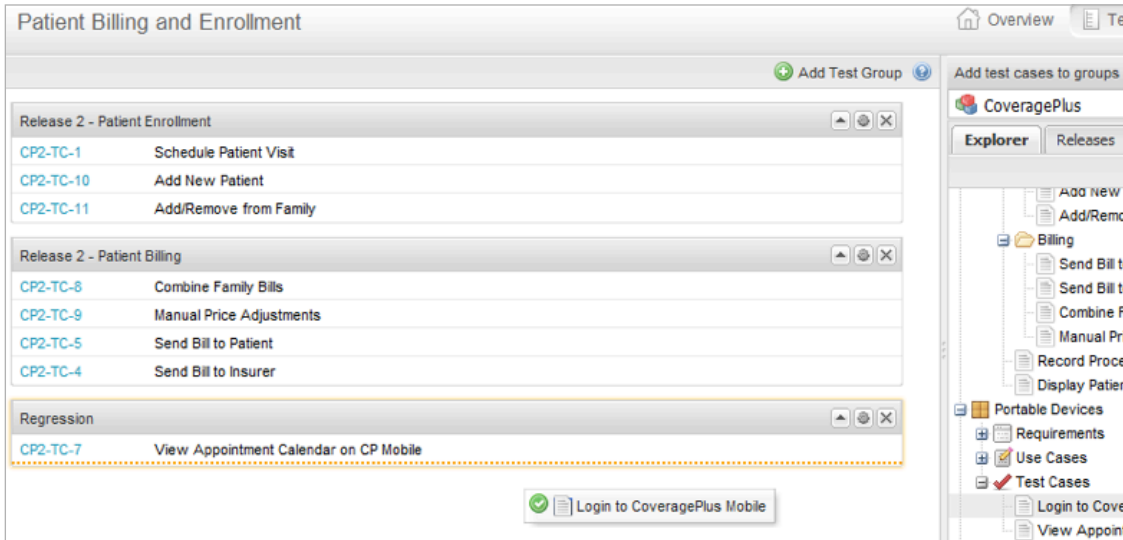
Before he adds any more detail to the test plan, Steve evaluates the relationships from the use cases in the release and the test cases that have been built to test them.



Steve returns to the new test plan and creates test groups to help delineate the work. The first two groups contain the test cases required for the new features and the third for regression tests. Testing will be a team effort, so Steve will individually assign the QA team members.

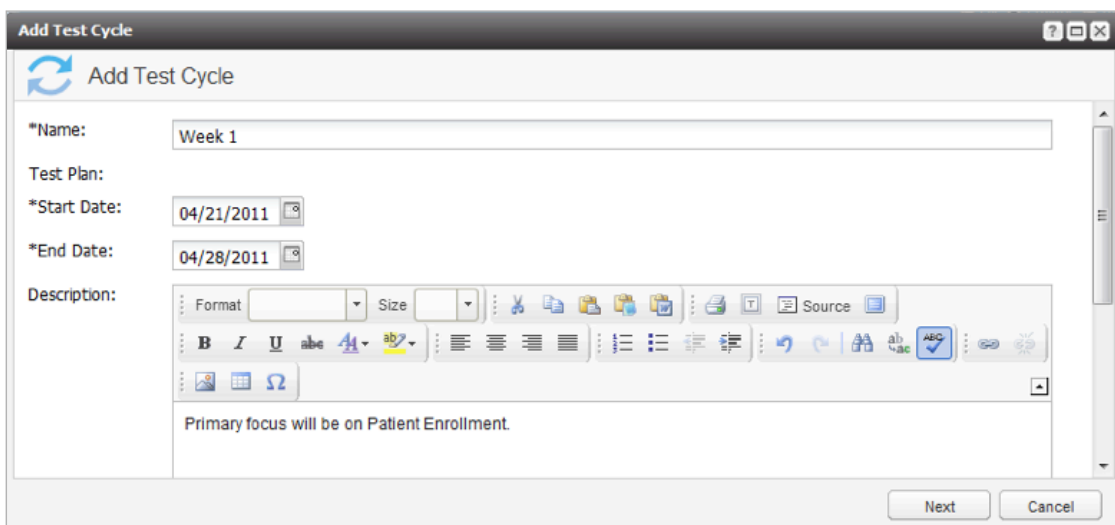


Test cases for the release are added by dragging and dropping the folders containing the test cases. The regression test cases are individually dragged to the regression group.

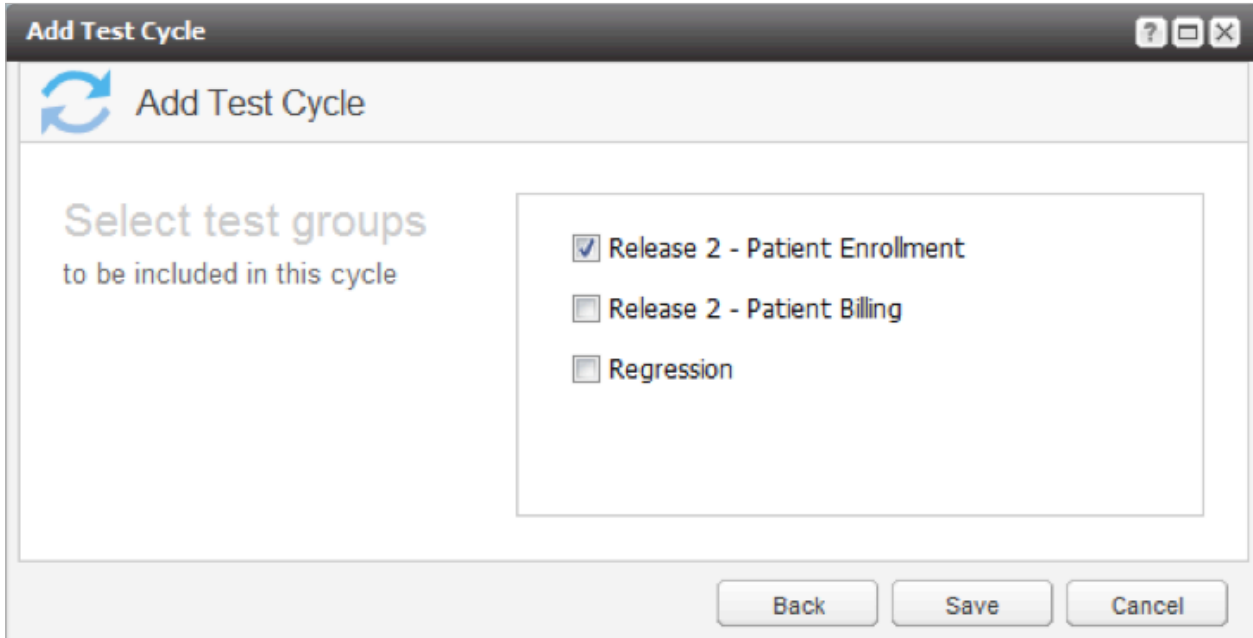


TWO: CREATE test cycles. Steve creates a test cycle to run this test plan. By adding a test cycle, Steve creates runnable instances of the test cases, which he can assign to his testers.

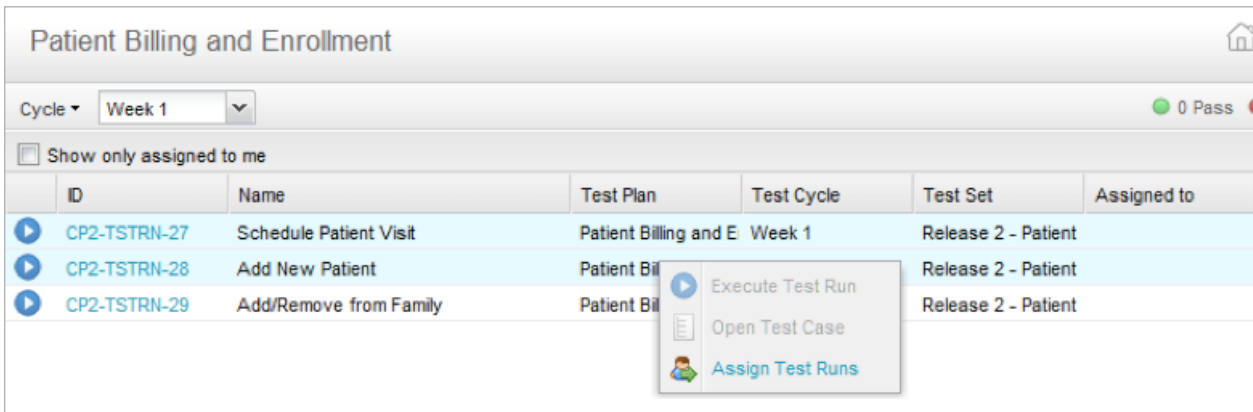
Steve creates test cycles that align with builds coming from the development team and include the appropriate test groups.



Steve selects the test group that he would like to test within this cycle.



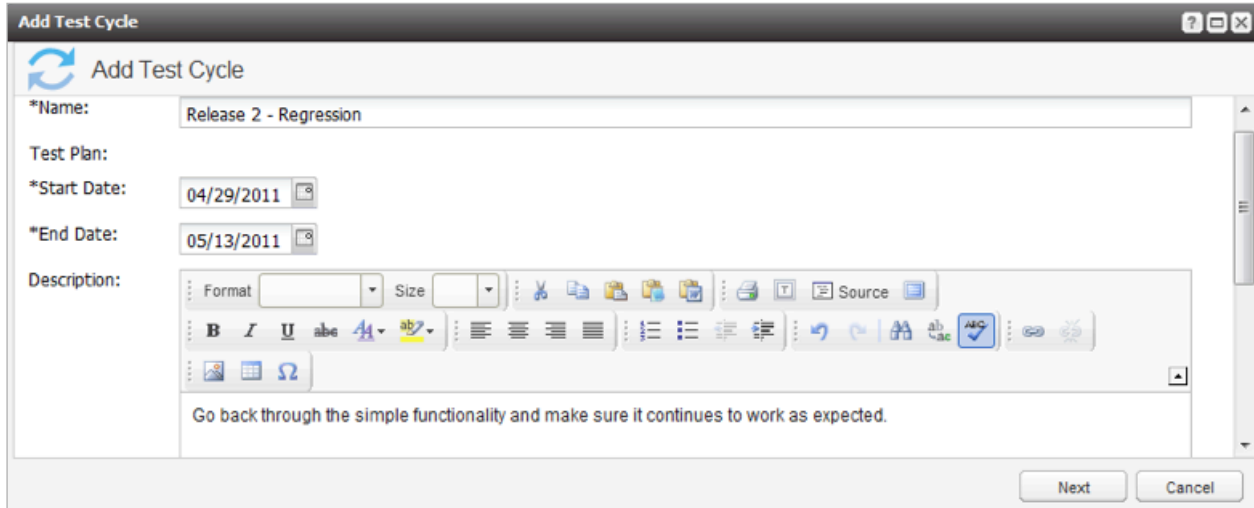
The system will create a test run for each test case included in a cycle. One test case can turn into several test runs if included in multiple test cycles. Steve's last task before testing begins is to assign to the appropriate members of the QA team to test runs in each cycle.



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An additional cycle was added for regression testing to ensure that prior functionality works as expected.

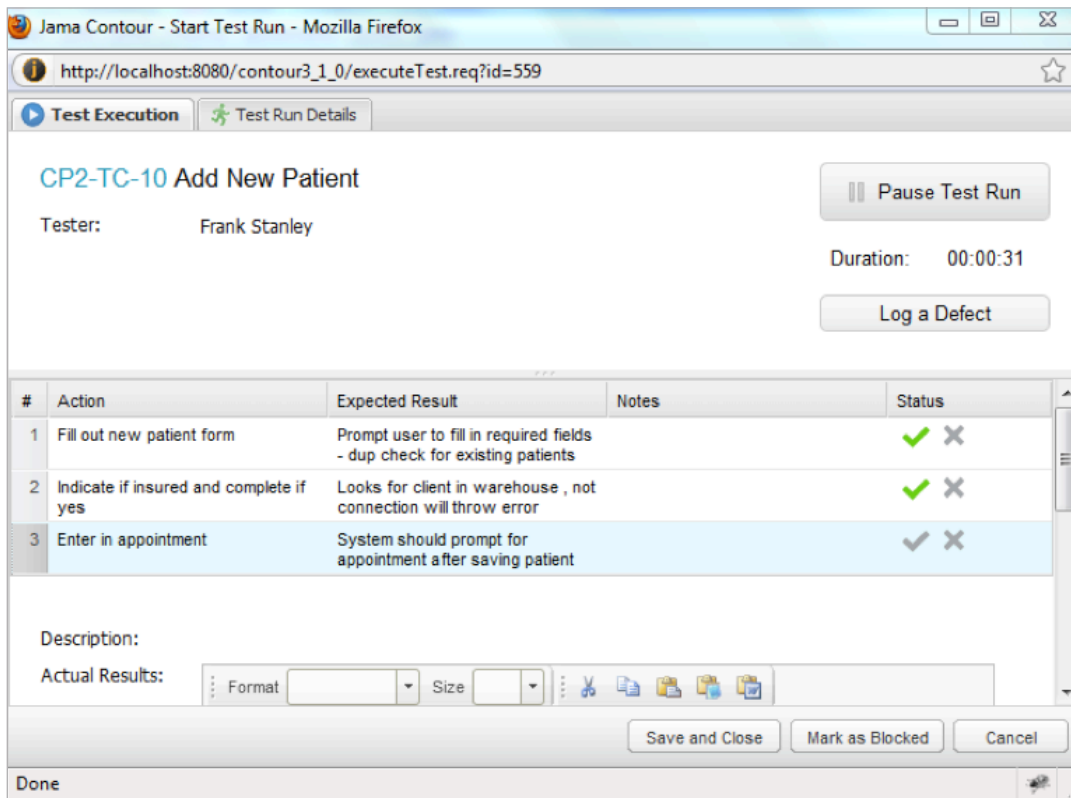


THREE: RUN assigned tests. Steve’s team of assigned testers, including Frank, will begin running their assigned tests, noting if they pass, fail or are blocked. If they fail, they can log a defect from within the test.

The QA team member Frank logs into Contour and reviews his assigned test runs in the current cycle.

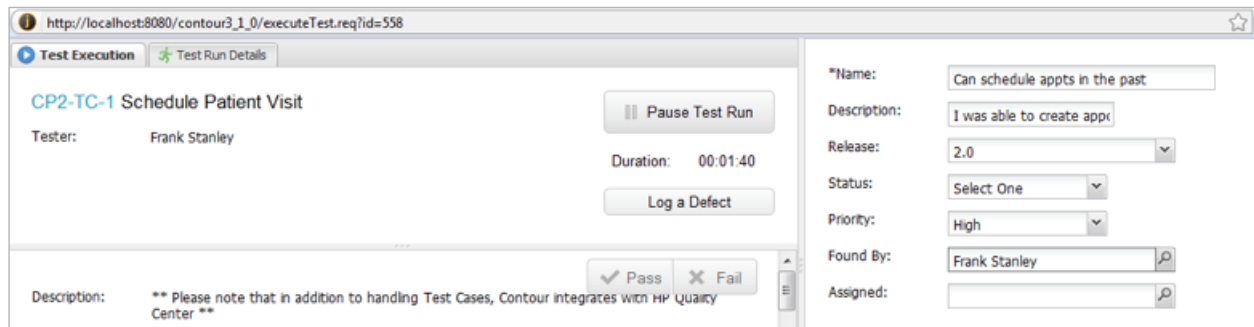
Patient Billing and Enrollment						
Cycle ▾ Week 1 - Enrollment ▾ 0 Pass						
<input checked="" type="checkbox"/> Show only assigned to me						
ID	Name	Test Plan	Test Cycle	Test Set	Assigned to	
CP2-TSTRN-27	Schedule Patient Visit	Patient Billing and E	Week 1 - Enrollment	Release 2 - Patient	Frank Stanley	
CP2-TSTRN-28	Add New Patient	Patient Billing and E	Week 1 - Enrollment	Release 2 - Patient	Frank Stanley	

Frank works through the assigned tests and records the results for each step in the test run.



FOUR: LOG a defect. Once Frank has found a defect, he can log it from within the test execution pane. A relationship is automatically created between the test case and logged defect.

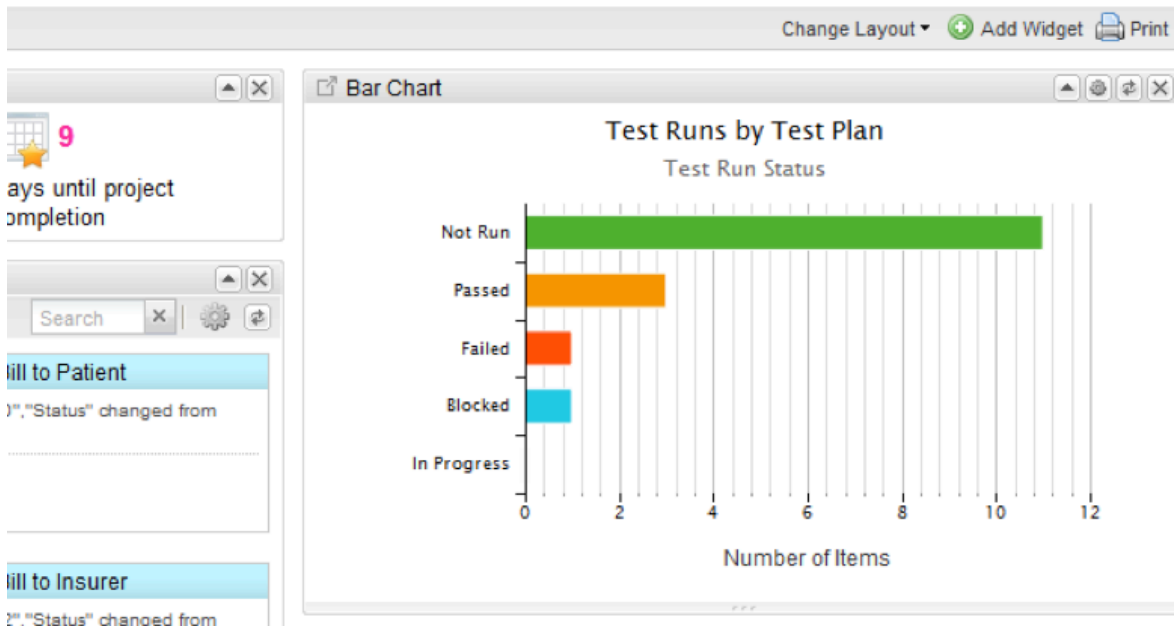
When a bug is discovered, Frank records the defect and indicates the test run has failed.





FIVE: REVIEW testing progress. Throughout testing, Steve can review test updates by creating and viewing his customizable dashboard widgets. This provides real-time visibility into how the test runs are progressing.

Steve reviews the dashboard throughout the week to see how testing is progressing.



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