

# Service Validation & Testing using Xray

Test Early, Test Often, Test Together



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 XRAY

# ▲ Agenda

- Introduction
- Quality Assurance
- Test Management
- Defect / Bug Management
- Test Coverage
- End-to-end traceability
- AI & Other features



## ▲ About Holograph



Holograph is a global IT consulting and cloud services company. We specialize in services that includes license management, DevOps, cloud migration, cybersecurity, staff augmentation, Atlassian services, IT infrastructure, professional services, and custom development.



We partner with



## ▲ About Xray

Xray is the leading Quality Assurance and Test Management app for Jira

**+10K**

Customers  
Trust our products

**100M**  
Test cases

**135**

Countries  
with customers

**4**

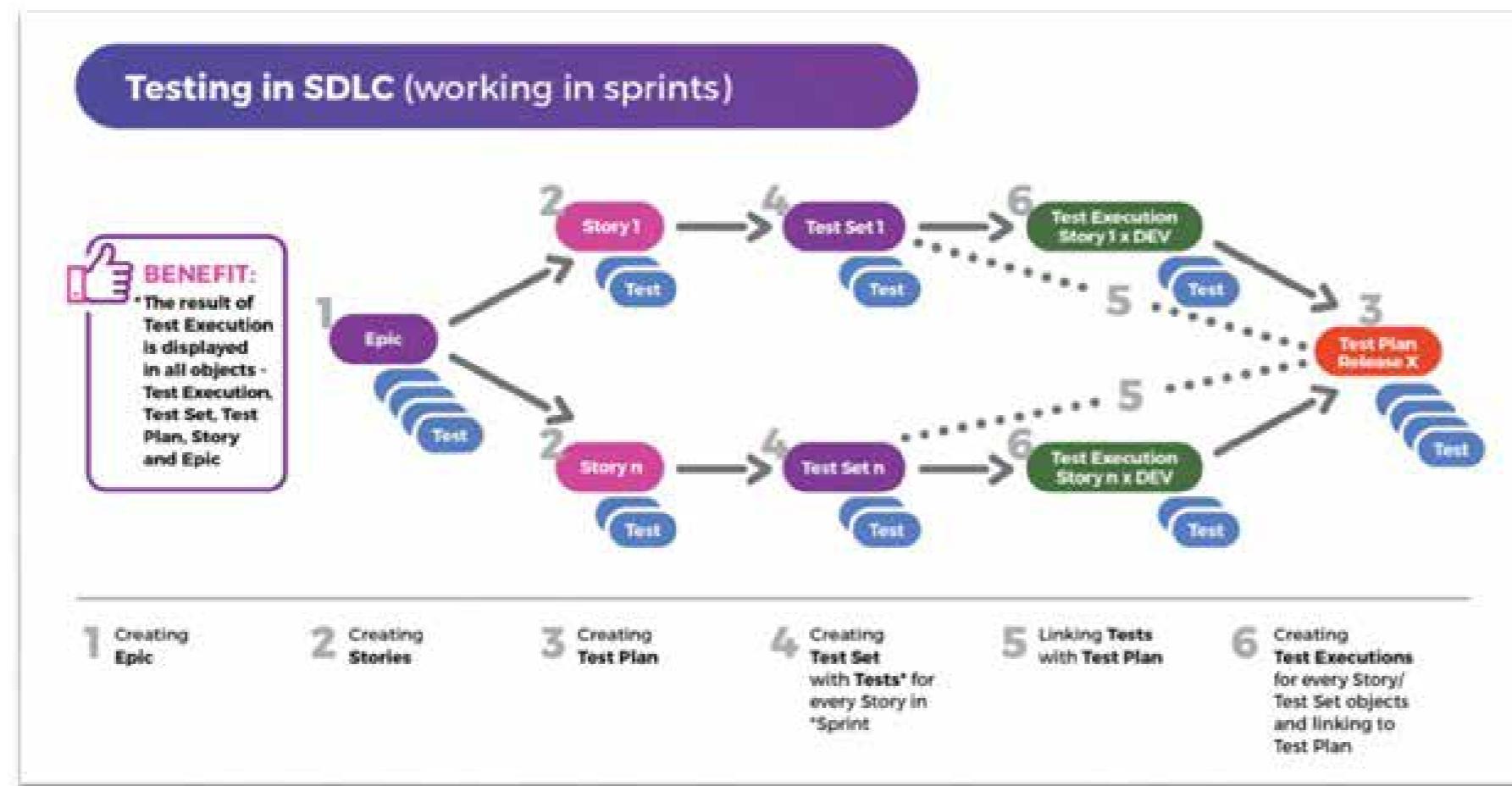
Languages  
EN, DE, ES & FR

# ▲ Quality Assurance

Quality Assurance (QA): "Are we doing the process right?" It's about preventing defects by focusing on how things are made.

Key Aspects of Quality Assurance

Focus on Prevention: QA prioritizes preventing errors by establishing clear standards, processes, and guidelines.



# ▲ Quality Assurance

## Key Aspects of Quality Assurance:

Proactive Approach: Unlike quality control, which reacts to defects after they occur, QA is proactive, embedding quality checks into every stage.

Broad Scope: QA applies to both products and services, including areas like manufacturing, software development, healthcare, and customer service.

Test Plan for version 1.0

Type: Test Plan Status: Unchecked

Priority: Medium Resolution: Unchecked

Affects Versions: None Assigned: Bruno Cconde

Components: None

Labels: None

Description: Click to add description

Tests: All environments, true status: Drive Test

Overall Execution Status: 3 PASSED 2 FAILED 1 TO DO

Preconditions (2):

- CALC-14 - Turn on the calculator
- CALC-19 - Configure Advanced Mode in Calculator

Test Steps (3):

Step	Action	Attachments (1)	Data	Expected Result
1	Choose the operation of the calculator Subtraction			The operation must appear selected.
2	Enter the input into the calculator		(1: 5 (2: 2)	
3	Press the Calculate button			The result 3 should be displayed in the screen, on the right of the "v" sign.

Comments: 1 Defects: 0 Evidences: 0 Step State: PASSED

Overall Status: 3 PASSED 2 FAILED 1 TO DO

Test Plan Details:

Test ID	Description	Assigned To	Last Executed	Status
CALC-1	Add two numbers	Bruno Cconde	3	FAILED
CALC-2	Subtract two numbers	Bruno Cconde	2	PASSED
CALC-3	Divide two numbers	Bruno Cconde	2	PASSED
CALC-4	Multiply two numbers	Bruno Cconde	2	PASSED
CALC-5	Multiple Operations	Bruno Cconde	1	FAILED

Activity:

## Tests List

Analysis & Scope: Scope: Version Version: 1.0 Final Status: Project: Calculator

Key	Summary	Test Type	Status
CALC-1	Add two numbers	Cucumber	TO DO
CALC-3	Divide two numbers	Cucumber	TO DO
CALC-5	Multiple Operations	Cucumber	TO DO
CALC-4	Multiply two numbers	Manual	TO DO
CALC-17	New Complex Cucumber Test	Cucumber	TO DO
CALC-2	Subtract two numbers	Manual	TO DO
CALC-7	Test Scientific Mode	Generic	TO DO

Total 7 issues

## Test Coverage Report

Analysis & Scope: Scope: Latest Final Status: Component/s: Worker, None, Core, UI

Worker	None	Core	UI
23.8% (0)	23.8% (0)	100% (0)	100% (0)

# ▲ Test Management

## Key Activities in Test Management

**Planning:** Defining test objectives, scope, strategies, and required resources.

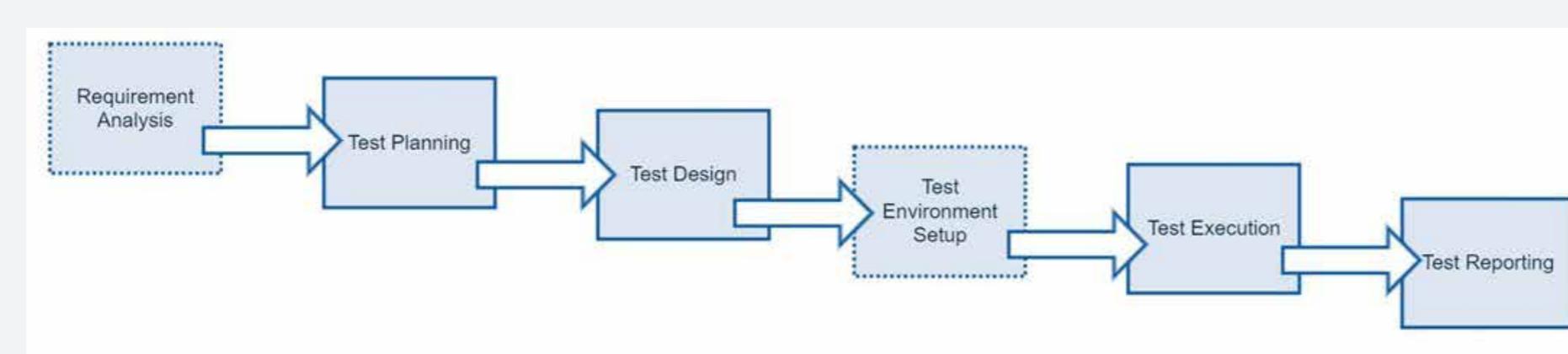
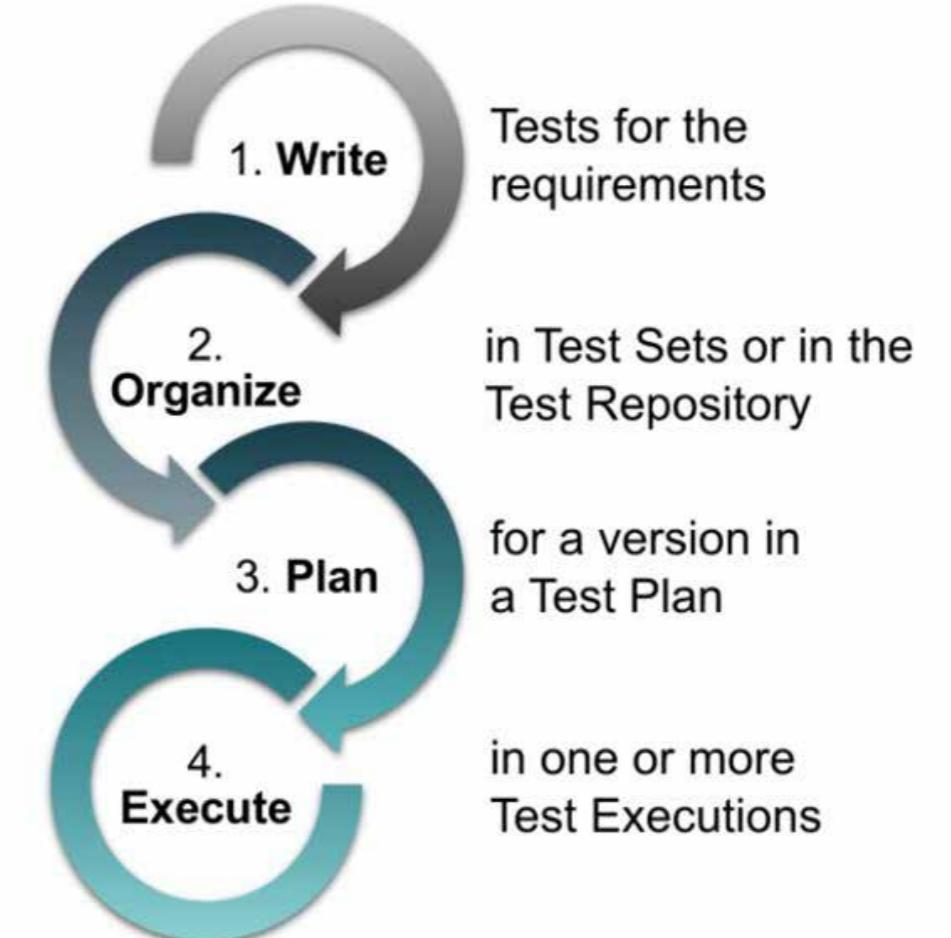
**Organizing:** Structuring test cases and suites and configuring test environments.

**Executing:** Running tests (manual or automated) and capturing the results.

**Tracking & Monitoring:** Overseeing testing progress, managing identified defects, and ensuring alignment with project goals.

**Reporting:** Generating test status reports, analyzing results, and providing insights for product improvement.

**Controlling:** Making corrective actions based on monitoring and reporting to keep the testing process on track.



# ▲ Test Management

Name	Description
 Test	This is the Xray Test Issue Type. Used to define test cases of different types that can be executed multiple times using Test Execution issues.
 Precondition	This is the Xray Precondition Issue Type. Used to abstract common actions that must be ensured before the test case execution. A Precondition can be associated with multiple test cases.
 Test Set	This is the Xray Test Set Issue Type. Creates a group of test cases. Used to associate all included Tests with other Xray issue types like Test Execution and Test Plan. A Test Set can also be associated with a requirement issue to provide coverage and test status.
 Test Plan	This is the Xray Test Plan Issue Type. Used to define the scope of test cases for a given test campaign and to aggregate all executions for those tests displaying the latest result for each test case.
 Test Execution	This is the Xray Test Execution Issue Type. Used to execute test cases already defined.
 Sub Test Execution	This is the Xray Sub Test Execution Issue Type. Used to execute test cases already defined. A Sub Test Execution can be created for a parent issue like a requirement in order to execute the test cases associated with it.

## 2. Test plan screen

Required fields are marked with an asterisk \*

Project\*  Test Management (TM)

Issue Type\*  Test Plan

General **Test Plan Details**

Begin Date  The planned start date - Use the dd/MMM/yy h:mm a date format

End Date  The planned end date - Use the dd/MMM/yy h:mm a date format

Tests associated with a Test Plan  Associate tests with this test plan

Test Plan Tests Filter  Associate a client filter as a source of tests for this Test Plan

Clear

## 3. Test case screen

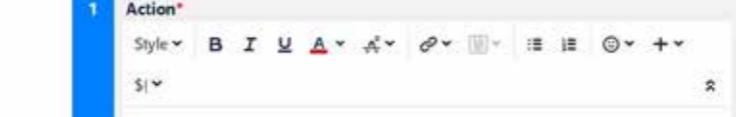
Project\*  Test Management (TM)

Issue Type\*  Test

General **Test Details** Test Sets Pre-Conditions Test Plans Link Issues

Test Type  Manual Choose the Test type

Steps  List  Add Step

1 Action\* 

Project\*  Test Management (TM)

Issue Type\*  Test Set

General **Tests**

Tests  Start typing to get a list of possible matches or press down to select from a list of recent Tests to associate with this Test Set

+ 

## 4. Test set

Project\*  Test Management (TM)

Issue Type\*  Test Execution

General **Test Execution Details**

Begin Date   The planned start date - Use the dd/MMM/yy h:mm a date format

End Date   The planned end date - Use the dd/MMM/yy h:mm a date format

Revision  The system revision for the test execution

Test Environments  Begin typing to find and create labels or press down to select a suggested label. Each environment where the Test is to be executed

Tests  Associate tests or test sets with this test execution

Test Plan  Associate Test Plans with this Test Execution

+ 

## 3. Test execution

# ▲ Test Management

**Xporter for JIRA / XPORTER-460**  
Xporter for JIRA Global Settings Test - Global Permissions - Include Attachments

[Edit](#) [Comment](#) [Assign](#) [More](#) [Block Issue](#) [Send To Approval](#)

**Details**

Type:	Test	Status:	<a href="#">OPEN</a> (View Workflow)
Priority:	Major	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	None
Component/s:	Tests	Security Level:	Private
Labels:	None		

**Description**

**Test Details**

Type: Manual

Manual Steps:

Step	Data	Expected Result	Attachments
1	Check the issue <b>Attachments</b> area, and if empty, add the 2 files on this step	• PDF file • GIF file The issue will have 2 attachments	<a href="#">From csv...</a> <a href="#">From json...</a> <a href="#">From clipboard...</a>
2	Click the <b>Output format</b> selector	Make sure the <b>PDF</b> output format is selected	<a href="#">From...</a>
3	Click the <b>Export</b> button	The user will be prompted to	<a href="#">From...</a>

**Xporter for JIRA**

[Export](#)

**Xporter for JIRA / XPORTER-370**  
Add-on Administration Tests

[Edit](#) [Comment](#) [Assign](#) [More](#) [Block Issue](#) [Send To Approval](#)

**Details**

Type:	Test Set	Status:	<a href="#">OPEN</a> (View Workflow)
Priority:	Major	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	None
Component/s:	None	Security Level:	Private
Labels:	None		

**Description**

**Tests**

[Create Test](#) [Add Tests](#)

Show 10 entries

Key	Summary	Dates
XPORTER-133	Xporter for JIRA License Management	Created: 13/Jun/15 10:18 AM Updated: 10/Jul/15 9:59 AM
XPORTER-102	Xporter for JIRA Permission Schemes Test	Created: 05/Mar/15 2:24 PM Updated: 13/Jun/15 3:39 PM
XPORTER-95	Xporter for JIRA Global Settings - Global Permissions - Show Xporter Menu	Created: 13/Jun/15 10:18 AM Updated: 10/Jul/15 9:59 AM
XPORTER-92	Xporter for JIRA Global Settings - Global Permissions - Allow anonymous requests	Created: 13/Jun/15 10:18 AM Updated: 10/Jul/15 9:59 AM
XPORTER-91	Xporter for JIRA Global Settings - Global Permissions - Enable Xporter for JIRA for	Created: 13/Jun/15 10:18 AM Updated: 10/Jul/15 9:59 AM

Showing 1 to 5 of 5 entries

[First](#) [Previous](#) [Next](#) [Last](#)

**Xporter for JIRA**

[Export](#)

**DEMO / DEMO-19**  
all arithmetic operations

[Edit](#) [Comment](#) [Assign](#) [More](#) [Start Progress](#) [Resolve Issue](#) [Close Issue](#) [Admin](#)

**Details**

Type:	Test Plan	Status:	<a href="#">OPEN</a> (View Workflow)
Priority:	Medium	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	3.0
Labels:	None		
Test Plan Status:	<div style="width: 50%;"> </div>		

**Description**

test plan that includes all arithmetic operations related tests

**Tests**

[Create Test Execution](#) [Add](#)

**Overall Execution Status**

2 PASS	1 FAIL	1 TODO
--------	--------	--------

[All tests...](#) [With status...](#) [With plan...](#)

**HipChat discussions**

Do you want to discuss this issue?

[Connect](#) [Dismiss](#)

**Xporter for JIRA**

[Export](#)

**Xporter for JIRA / Test Execution: XPORTER-457 / Test: XPORTER-328**  
Xporter for JIRA Global Settings Test - Global Permissions - Include Attachments

[Return to Test Exec.](#)

**Pre-Conditions (1)**

XPORTER-459 - The Xporter for JIRA Add-on must be installed

**Test Steps (32)**

Step	Data	Expected Result
1	On JIRA Administration click on "Global Settings" under the XPORTER FOR JIRA label in the sidebar.	The "Xporter for JIRA Global Settings" screen will be loaded
Comment	Defects	Evidences
2	Under the "Global Permissions", on the "Include Attachments" label, click the ON radio button or the text label right next to it.	The ON radio button will be checked
Comment	Defects	Evidences
3	Press the <b>Save</b> button at the end of the page.	The screen will reload, with a "Success!" message at the top and the ON radio button checked
Comment	Defects	Evidences

**Xporter for JIRA**

[Export](#)

**DEMO / DEMO-19**  
all arithmetic operations

[Edit](#) [Comment](#) [Assign](#) [More](#) [Start Progress](#) [Resolve Issue](#) [Close Issue](#) [Admin](#)

**Details**

Type:	Test Plan	Status:	<a href="#">OPEN</a> (View Workflow)
Priority:	Medium	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	3.0
Labels:	None		
Test Plan Status:	<div style="width: 50%;"> </div>		

**Description**

test plan that includes all arithmetic operations related tests

**Tests**

[Create Test Execution](#) [Add](#)

**Overall Execution Status**

2 PASS	1 FAIL	1 TODO
--------	--------	--------

[All tests...](#) [With status...](#) [With plan...](#)

**HipChat discussions**

Do you want to discuss this issue?

[Connect](#) [Dismiss](#)

**Xporter for JIRA**

[Export](#)

# ▲ Test Management

Projects /  Book Store /  STORE-9

**As a visitor, I can search for books in the store**

Attach Create subtask Link issue Test Coverage ...

**Description**  
As a visitor of the book store website  
I want to search for products  
So that I can quickly find what I am looking for

**Linked issues**  
is tested by

- STORE-30 Test a visitor can do a valid search with a single keyword  TO DO
- STORE-31 Test a visitor can do a valid search with multiple keywords  TO DO
- STORE-32 Test a visitor can filter the search result  TO DO

**Test Coverage**  
Add Tests Execute ...

**Analysis & Scope**  
Scope: Latest Final Status  OK

Status	Key	Summary	Test Status
 TO DO	STORE-30	Test a visitor can do a valid search with a single keyw...	 PASSED
 TO DO	STORE-31	Test a visitor can do a valid search with multiple keyw...	 PASSED
 TO DO	STORE-32	Test a visitor can filter the search result	 PASSED

Prev 1 Next

 Board for Test Plan CALC-1650 

Board / folder1 / subfolder (478) All (478) Orphans (0) Board (478) All Environments Filter Showing 8 of 8 entries

 CALC-1591 Generic Test As a user, I can calculate the sum of two numbers  PASS  OPEN None None

 CALC-1601 Cucumber Test As a user, I can calculate the sum of two numbers  PASS  OPEN None None

 CALC-1612 Cucumber Test As a user, I can calculate the sum of two numbers  PASS  None None

 CALC-1613 Generic Test As a user, I can calculate the sum of two numbers  PASS  None None

 CALC-1630 Cebolas Test As a user, I can calculate the sum of two numbers  PASS  None None

 CALC-1632 XXX Test As a user, I can calculate the sum of two numbers  PASS  None None

   More Reopen Issue Close Issue

 When importing execution results the Defects should be added to the Test Run  

**Details**  
Type: Bug Status:  RESOLVED (View Workflow)  
Priority: Major Resolution: Fixed Template: 0SingleIssueDetails  
Affects Version/s: None Fix Version/s: R2.0.0 Output format: PDF  
Component/s: Core, Integration  
Labels: None  
Sprint: R2.0.0 S7  
Requirement Status:  OK  


**People**  
Assignee:  Pedro Rodrigues Assign to me  
Reporter:  André Rodrigues Vote for this issue  
Votes:  Start watching this iss  
Watchers: 

**Description**  
Test Coverage 

**Dates**  
Created: 3 days ago Updated: 4 hours ago Resolved: 4 hours ago

**Development**  
1 commit 1 build 1 test

 No Version OK  
 Suggestions Earliest Unreleased    When importing execution results the Defects should be added to the Test Run 

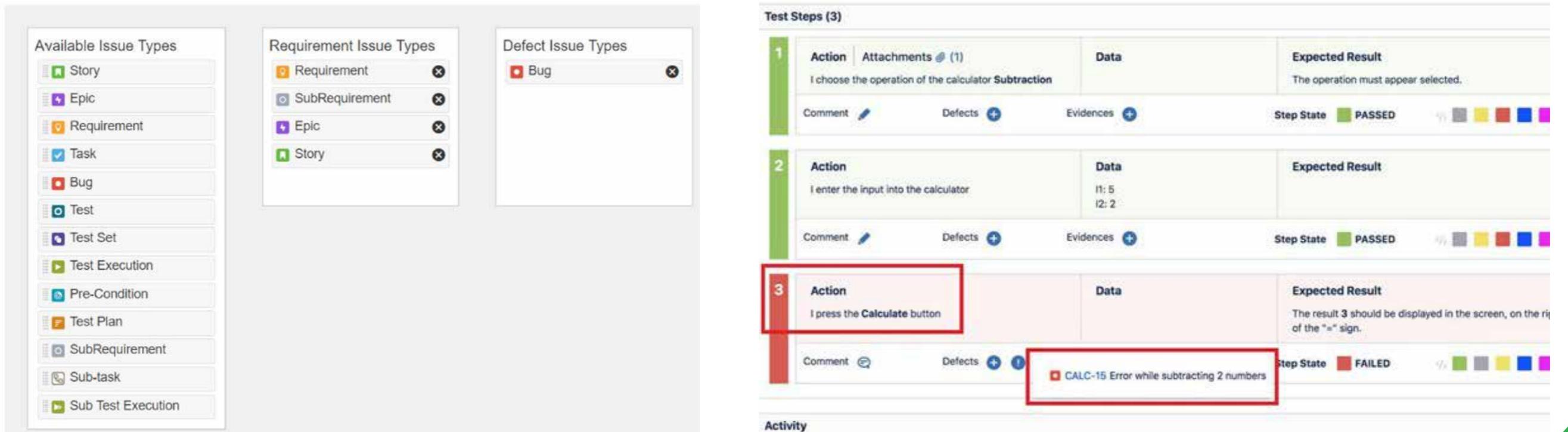
**Attachments**  
All Versions R1.0.8.4 Drop files to attach, or browse. R1.0.9

# ▲ Defect / Bug management

Xray makes defect tracking simple and actionable. Each defect can be linked to its corresponding requirement and test case, providing full traceability and context. Teams can analyze why defects escaped, identify gaps in test coverage, and prioritize fixes effectively. Real-time dashboards and metrics provide visibility into defect trends, enabling data-driven decisions for continuous improvement.

Best practices include analyzing defect trends regularly, addressing gaps in test coverage, enhancing automation, and integrating defect tracking into the CI/CD pipeline.

With Xray, defect management becomes a proactive part of the QA lifecycle, helping teams learn from each escape, improve testing efficiency, and deliver higher-quality software consistently.

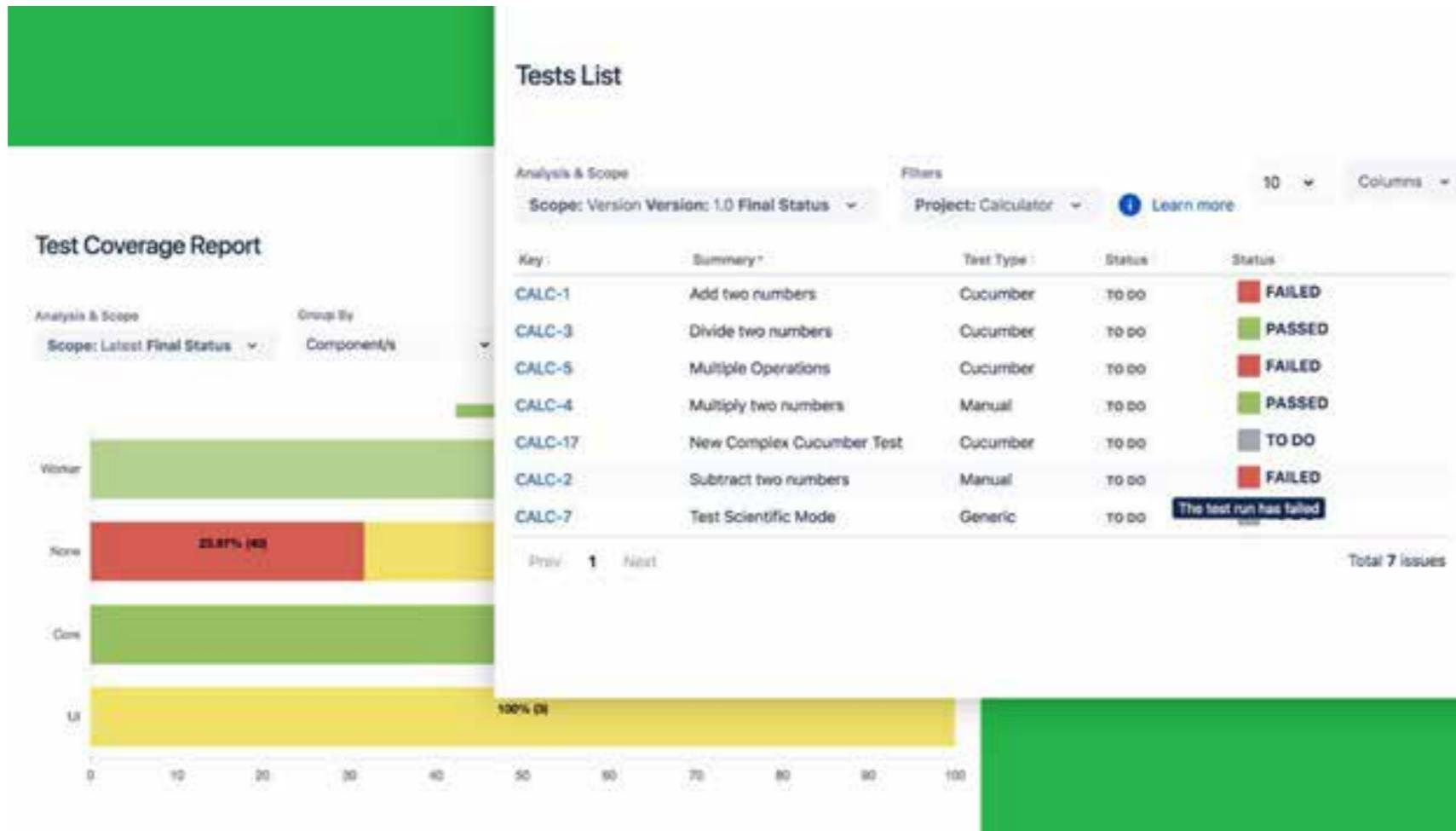


The screenshot displays the Xray interface for defect management, featuring three main sections: Available Issue Types, Requirement Issue Types, and Defect Issue Types. The Available Issue Types list includes Story, Epic, Requirement, Task, Bug, Test, Test Set, Test Execution, Pre-Condition, Test Plan, SubRequirement, Sub-task, and Sub Test Execution. The Requirement Issue Types list includes Requirement, SubRequirement, Epic, and Story. The Defect Issue Types list includes Bug. The right side of the interface shows a 'Test Steps (3)' table. Step 1: Action - 'I choose the operation of the calculator Subtraction', Data - 'The operation must appear selected.', Expected Result - 'The operation must appear selected.', Step State - PASSED. Step 2: Action - 'I enter the input into the calculator', Data - 'I1: 5  
I2: 2', Expected Result - 'The result 3 should be displayed in the screen, on the right of the "=" sign.', Step State - PASSED. Step 3: Action - 'I press the Calculate button', Data - 'CALC-15 Error while subtracting 2 numbers', Expected Result - 'The result 3 should be displayed in the screen, on the right of the "=" sign.', Step State - FAILED. A red box highlights the 'CALC-15 Error while subtracting 2 numbers' message in Step 3.

# ▲ Test Coverage

With Xray, traceability becomes seamless. Teams can link requirements to tests, executions, and associated defects directly within Jira, ensuring nothing is overlooked.

Real-time dashboards and reports provide instant insights into coverage and gaps, helping teams make informed release decisions.



**Test Coverage Report**

**Analysis & Scope**: Scope: Version Version: 1.0 Final Status

**Filters**: Project: Calculator

**Columns**: 10

**Test Coverage Report**

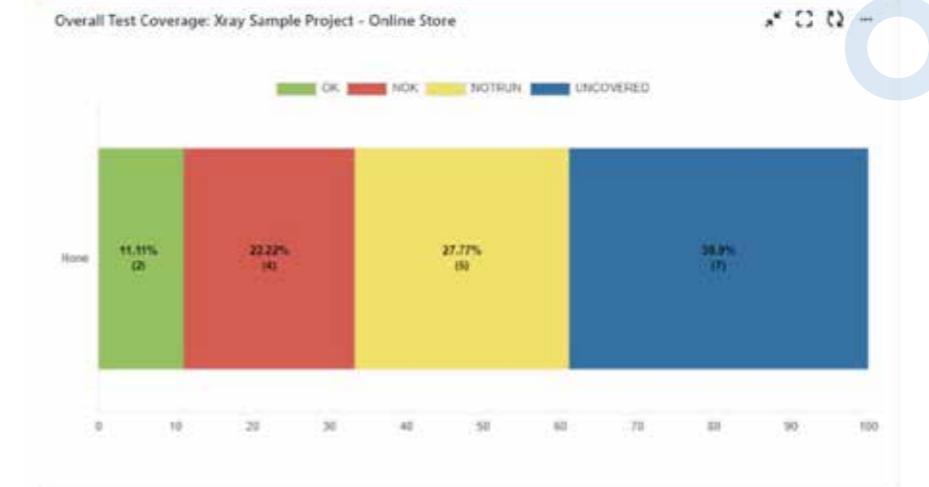
Key	Summary	Test Type	Status	Status
CALC-1	Add two numbers	Cucumber	TO DO	FAILED
CALC-3	Divide two numbers	Cucumber	TO DO	PASSED
CALC-5	Multiple Operations	Cucumber	TO DO	FAILED
CALC-4	Multiply two numbers	Manual	TO DO	PASSED
CALC-17	New Complex Cucumber Test	Cucumber	TO DO	TO DO
CALC-2	Subtract two numbers	Manual	TO DO	FAILED
CALC-7	Test Scientific Mode	Generic	TO DO	The test run has failed

**Score**: 23.87% (40)

**Core**: 100% (3)

**UI**: 100% (3)

## Default dashboard



Projects / Book Store / STORE-9

As a visitor, I can search for books in the store

Attach Create subtask Link issue Test Coverage ...

### Description

As a visitor of the book store website  
I want to search for products  
So that I can quickly find what I am looking for

### Linked issues

is tested by

<input checked="" type="checkbox"/> STORE-30	Test a visitor can do a valid search with a single keyword	<input type="button" value="TO DO"/>
<input checked="" type="checkbox"/> STORE-31	Test a visitor can do a valid search with multiple keywords	<input type="button" value="TO DO"/>
<input checked="" type="checkbox"/> STORE-32	Test a visitor can filter the search result	<input type="button" value="TO DO"/>

### Test Coverage

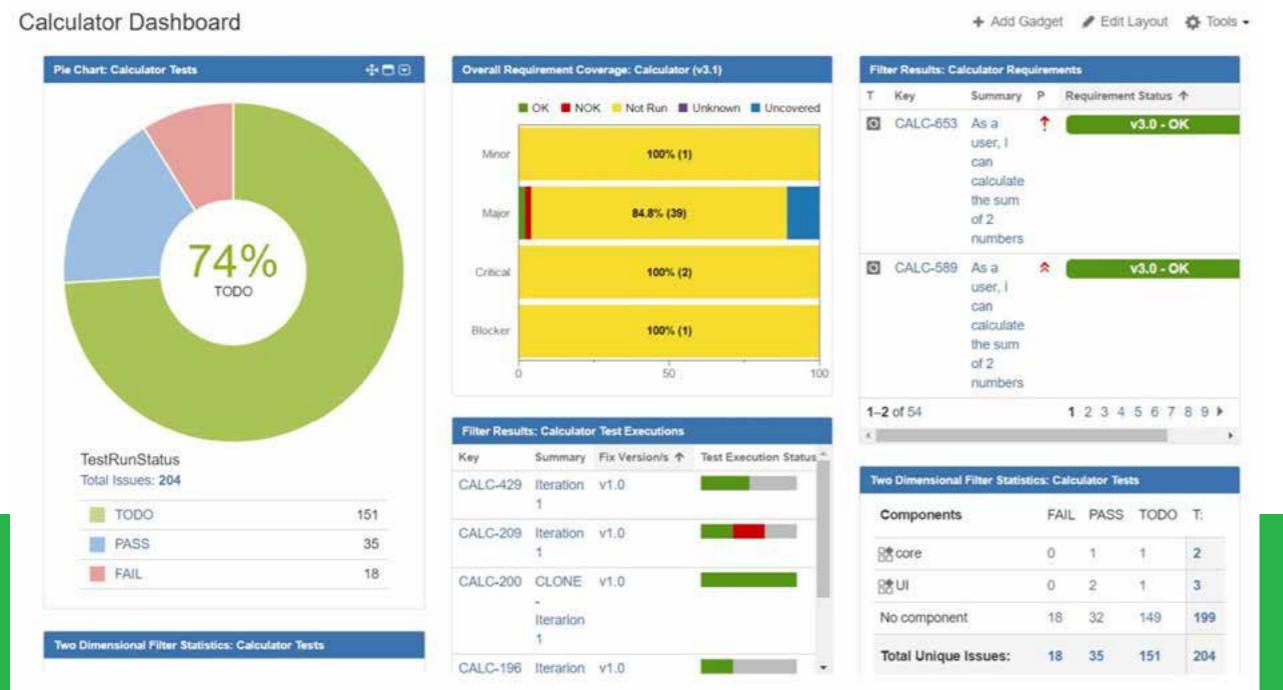
Add Tests Execute

### Analysis & Scope

Scope: Latest Final Status

Status	Key	Summary	Test Status
<input type="button" value="TO DO"/>	STORE-30	Test a visitor can do a valid search with a single keyword	PASSED
<input type="button" value="TO DO"/>	STORE-31	Test a visitor can do a valid search with multiple keywords	PASSED
<input type="button" value="TO DO"/>	STORE-32	Test a visitor can filter the search result	PASSED

# ▲ End-to-End / Requirements Traceability Matrix



Dashboard with gadgets provided by Jira & Xray, making use of Jira custom fields.



# ▲ End-to-End / Requirements Traceability Matrix

	Tests By Status							Tests By Test Type					Success rate by Test environments			Linked Defects				
	Total Tests	PASS	TODO	EXECUTING	FAIL	ABORTED	BLOCKED	PENDING	Manual	Cucumber	Generic	Other	Progress	Success rate	iOS	Android	-	Open	Closed	
3	2	0	0	1	0	0	0	0	1	1	1	0	99%	66%	66%	100%	-	1	0	
2	2	0	0	0	0	0	0	0	1	0	1	0	100%	100%	-	-	-	66%	1	0
4	2	1	0	1	0	0	0	0	2	1	1	0	75%	50%	100%	66%	0	0	0	
3	3	0	0	0	0	0	0	0	1	1	1	0	100%	100%	-	-	-	42%	1	0
3	0	3	0	0	0	0	0	0	1	1	1	0	0%	0%	-	-	-	0	0	0
3	3	0	0	0	0	0	0	0	1	1	1	0	100%	100%	-	-	-	75%	1	0
3	3	0	0	0	0	0	0	0	1	1	1	0	100%	100%	-	-	-	75%	1	0

## Test Plans Report

With the Test Plans Report it's possible to analyze both the progress of the Test Plan and the success rate, even by Test Environment. You can see the amount of linked defects, currently opened and close.

Test Environments	Planned start date	Planned end date	Total Tests	Tests By Status							Tests By Test Type					Success Rate			Elapsed Time		Linked Defects	
				PASS	TODO	EXECUTING	FAIL	ABORTED	BLOCKED	PENDING	Manual	Cucumber	Generic	Other	Progress	Success Rate	iOS	Android	-	Open	Closed	
2017-03-29	2017-03-31	1	1	0	0	0	0	0	0	0	0	0	0	1	0	100%	100%	-	-	0	0	
ANDROID	2017-03-20	2017-03-24	1	1	0	0	0	0	0	0	0	1	0	0	0	100%	100%	1w 1d 1h 14m	-	0	0	
IOS	2017-03-21	2017-03-23	3	2	0	0	1	0	0	0	0	1	1	1	0	100%	67%	2d 6h 52m	-	1	0	
	2017-03-22	2017-03-23	1	1	0	0	0	0	0	0	0	1	0	0	0	100%	100%	-	-	0	0	

## Test Executions Report

With the Test Executions Report, you can analyze both the progress of the Test Executions and the success rate (i.e. the % of Tests contributing to the requirement's OK status).

# ▲ End-to-End / Requirements Traceability Matrix

Traceability Report [Switch report](#)

Version: v3.0 | v3.0 | All Environments | Filter | [How to read this report](#)

Requirement	Tests	Test Runs	Defects
<a href="#">CALC-1082</a> <small>OPEN</small>	<a href="#">CALC-1083</a> <small>NEW</small> Manual Test As a user, I can calculate the sum of 2 numbers <small>v3.0 - NOK</small>	<small>FAIL</small> <a href="#">CALC-1089</a> Version: v3.0 Finished On: 2017-03-28T15:33:06+01:00 Executed By: admin Tests environments: iOS	
<small>As a user, I can calculate the sum of 2 numbers</small>	<a href="#">CALC-1083</a> <small>NEW</small> Manual Test As a user, I can calculate the sum of 2 numbers <small>v3.0 - FAIL</small>	<small>PASS</small> <a href="#">CALC-1091</a> Version: v3.0 Finished On: 2017-03-30T16:50:28+01:00 Executed By: admin Tests environments: ANDROID	
		<a href="#">CALC-1090</a> <small>OPEN</small> calculator crashed <small>PASS</small>	
	<a href="#">CALC-1084</a> <small>NEW</small> Generic Test As a user, I can calculate the sum of 2 numbers <small>v3.0 - PASS</small>	<a href="#">CALC-1089</a> Version: v3.0 Finished On: 2017-03-29T14:23:55+01:00 Executed By: admin Tests environments: iOS	

Showing 20 of 113 entries | [Load all](#)

## Traceability Report

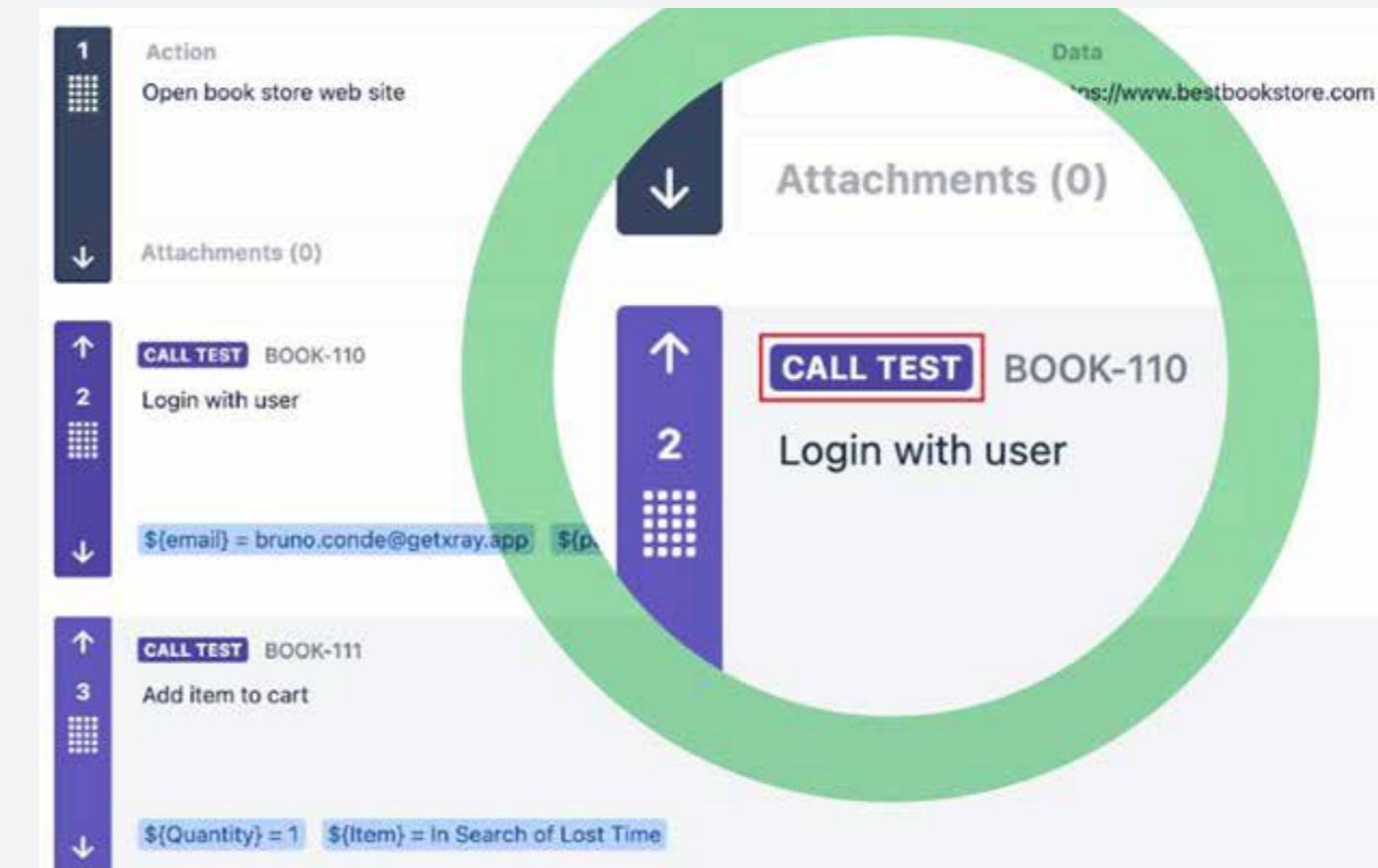
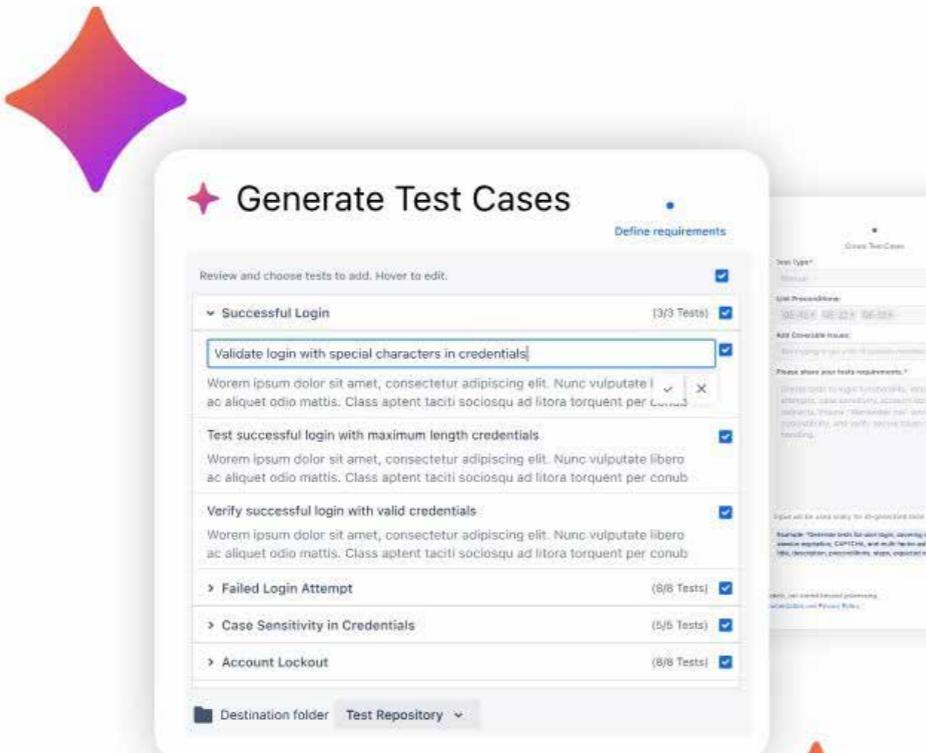
Allows users to analyze the requirements and their traceability to Tests, runs and defects, for any given version or test Environment. The requirement status can be quickly analyzed.

# ▲ AI & Other features

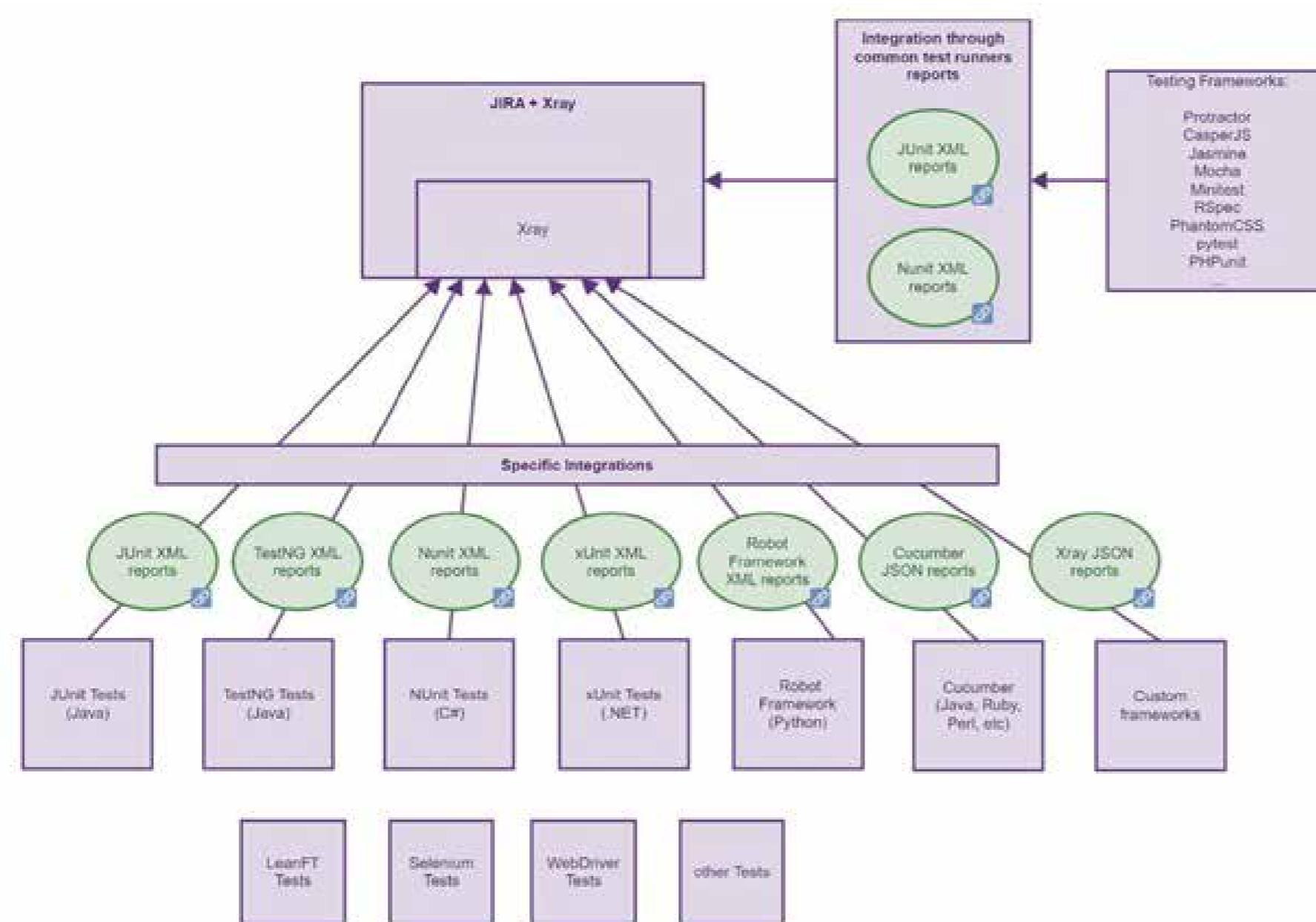
All-in-one Test Management, guided by AI

Easily manage manual and automated tests as Jira issues, customize workflows, integrate automation, and rapidly turn requirements into structured manual or BDD test cases with AI.

Organize tests in folders and test sets.



# ▲ AI & Other features



## ▲ About the Client



Hyundai MOBIS, part of the Hyundai Motor Group, is a global leader in automotive components and mobility technologies.

Established in 1977, the company is at the forefront of developing advanced safety systems, autonomous driving technologies, and eco-friendly vehicle solutions.

As part of their ongoing digital transformation, the team aimed to enhance the efficiency, scalability, and transparency of their QA and test management processes.

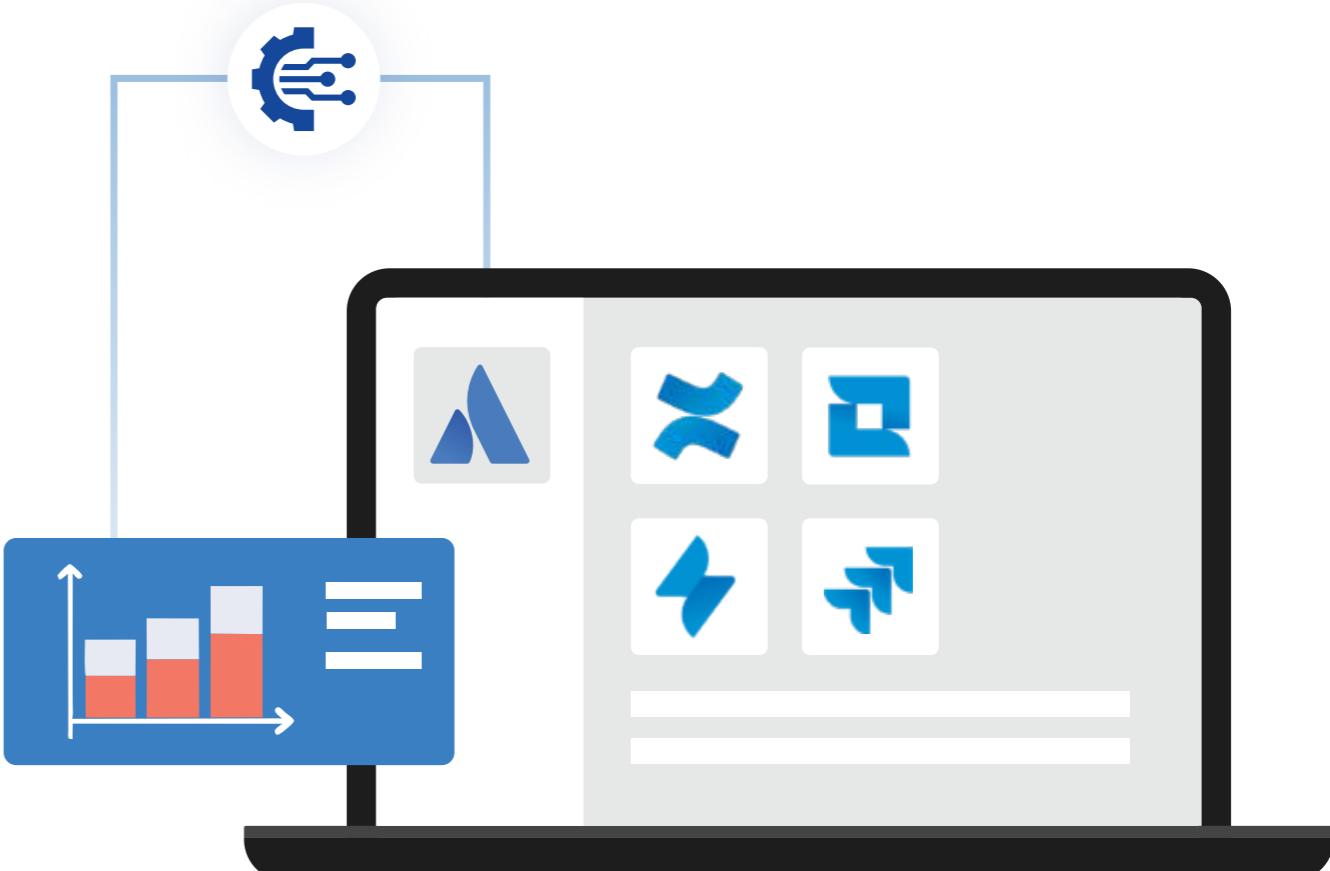
Partnering with Holograph enabled them to modernize their approach using the Xray plugin within Jira, enabling greater integration, visibility, and alignment across development and QA teams.



# ▲ The Solution Holograph Delivered

Holograph implemented the Xray plugin within Jira to transform Hyundai MOBIS's QA ecosystem:

- Centralizing Test Management: Migrated all test cases into Xray-native Jira issues, eliminating spreadsheets and fragmented systems to streamline QA operations.
- Organizing for Reuse: Structured tests with Folders, Test Plans & Sets, enabling efficient test cycle management, logical grouping, and easy reuse across projects.
- Ensuring Full Traceability: Linked stories → tests → defects, providing end-to-end visibility and audit readiness for regulatory compliance.
- Driving Collaboration with BDD: Integrated Cucumber & Gherkin scenarios, connecting product and QA teams through clear, executable requirements.
- Empowering Real-Time Insights: Created interactive dashboards, giving stakeholders immediate visibility into test coverage, execution status, and defect trends.



# ▲ Measurable Impact & Benefits

## Key Improvements:

**40%**

reduction in manual  
test management → QA focuses  
on critical tasks

**30%**

faster test execution  
cycles → Accelerated  
time-to-market

Traceability improved from

**60 - 95%**

→ Stronger compliance  
& audit readiness

**25%**

25% reduction in  
defect leakage  
→ Better product stability

## Business Benefits:

95% End-to-End Traceability: Achieved complete visibility across requirements, test executions, and defects — delivering audit-ready traceability, faster defect resolution, and stronger compliance confidence.

Unified QA-Dev Collaboration: Enabled seamless cross-team alignment within a single platform, fostering continuous feedback loops and accelerating release cycles.

Real-Time Quality Intelligence: Deployed dynamic dashboards offering live, actionable insights into coverage, execution health, and release readiness — driving data-backed decisions at every stage.

Agile-Optimized QA Framework: Built a scalable, automation-ready testing ecosystem designed to evolve with Hyundai MOBIS's agile development roadmap and enterprise growth.



# Thank you!

To know more details:

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