

# Test Summary Report

Test Summary Report Dynamic Variances Test - v1.0 Environment: Test Environment Plan:  
TP-VARIANCE-001 Generated: 2025-09-13 03:21:30

## Test Summary Report

Dynamic Variances Test - v1.0

Environment: Test Environment Plan: TP-VARIANCE-001 Generated: 2025-09-13 03:21:30

Executive Summary Test Execution: 10 total tests, 10 executed (50.0% pass rate) Defects: 5 total defects identified (1 critical, 2 major) Status: ■ Requires immediate action 10 Total Tests 10 Executed 100.0% 5 Passed 50.0% 5 Failed 50.0% 0 Blocked 0 Skipped Test Analytics Test Results Failures by Module Defects by Severity Defects by Priority Test Execution Summary Module Total Passed Failed Pass Rate Authentication 3 1 2 33.3% Notifications 1 1 0 100.0% Reports 2 1 1 50.0% Search 2 1 1 50.0% User Management 2 1 1 50.0% Modules Covered Module Tests Executed Passed Failed Pass Rate Status Authentication 3 1 2 33.3% Critical Notifications 1 1 0 100.0% Excellent Reports 2 1 1 50.0% Needs Attention Search 2 1 1 50.0% Needs Attention User Management 2 1 1 50.0% Needs Attention Test Environment Environment Details Environment Name: Test Environment Hardware: Standard test hardware Software: Test environment software stack Operating System: N/A Browser/Platform: N/A Database: N/A Test Data: Standard test data set Configuration: Default configuration Variances/Deviations Test Execution Variances Pass Rate Deviation (Medium) Description: Pass rate of 50.0% is significantly below expected threshold Impact: Quality concerns may indicate widespread issues Mitigation: Conduct root cause analysis and implement quality gates Critical Defect Deviation (Critical) Description: 1 critical defect(s) found - release blocker Impact: Critical functionality is compromised, release should be delayed Mitigation: Immediate defect resolution and re-testing required Module Defect Density Deviation (High) Description: High defect density in modules: Authentication, Notifications, Reports, Search, User Management Impact: Specific modules show excessive defect rates Mitigation: Focus additional testing and development effort on high-defect modules Module Pass Rate Deviation (Medium) Description: Low pass rates in modules: Authentication Impact: Specific modules show poor quality indicators Mitigation: Review and improve test cases for low-performing modules Defect Summary Severity Open Closed Deferred Total Critical 1 0 0 1 Major 2 0 0 2 Medium 1 0 0 1 Minor 1 0 0 1 Total 5 0 0 5 Key Bugs Bug ID Severity Priority Status Description Module Assigned To BUG-001 Major High Open Bug BUG-001 Authentication Tester1 BUG-002 Critical Highest Open Bug BUG-002 Authentication Tester2 BUG-003 Medium Medium Open Bug BUG-003 User Management Tester2 BUG-004 Major High Open Bug BUG-004 Search Tester2 BUG-005 Minor Low Open Bug BUG-005 Reports Tester2 Key Findings Stable Areas Notifications module shows excellent stability with 100.0% pass rate Risky Areas Overall Quality Risk: Pass rate of 50.0% is below conditional threshold (95%) Critical Defects: 1 critical defects require immediate attention Authentication module shows critical quality issues with 33.3% pass rate Reports module needs attention with 50.0% pass rate Search module needs attention with 50.0% pass rate User Management module needs attention with 50.0% pass rate Exit Criteria Criteria Met ■ All planned test cases executed (10/10) Criteria Not Met ■ Pass rate below conditional threshold (50.0% < 95%) ■ Critical defects exceed conditional limit (1 > 0) ■ Major defects exceed conditional limit (2 > 1) Lessons Learned What Went Well Excellent test execution rate of 100.0% (10/10 tests) No blocked tests - test environment was stable No flaky tests identified - test reliability is good Areas for Improvement Low pass rate of 50.0% indicates quality concerns 1 critical defect(s) require immediate attention High defect density in modules: Authentication (3 defects), Notifications (1 defects), Reports (2 defects), Search (2 defects), User Management (2 defects) Low pass rates in modules: Authentication (33.3%), Reports (50.0%), Search (50.0%), User Management (50.0%) Recommendations for Next Cycle Implement stricter quality gates and code review processes Focus on root cause analysis for failing test cases Establish critical defect resolution process with immediate escalation Implement automated testing for critical paths to prevent regression Prioritize high-defect modules for additional testing and development focus Review and improve test cases for low-performing modules Establish regular test execution schedules and monitoring Implement comprehensive test data management processes Create robust defect tracking and resolution

workflows Sign-Off Test Team Development Team Product Owner Quality Assurance Test Lead:  
TBD Development Lead: TBD Product Owner: TBD QA Manager: TBD Test Engineer: TBD Date:  
TBD Date: TBD Date: TBD Date: 2025-09-13 Release Decision Release Recommendation:  
REJECTED Comments: Based on test execution results and exit criteria evaluation  
Recommendations Continue monitoring test execution and defect resolution Review and update  
test cases based on current findings

Executive Summary Test Execution: 10 total tests, 10 executed (50.0% pass rate) Defects: 5 total  
defects identified (1 critical, 2 major) Status: ■ Requires immediate action

## Executive Summary

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Status: ■ Requires immediate action

10 Total Tests 10 Executed 100.0% 5 Passed 50.0% 5 Failed 50.0% 0 Blocked 0 Skipped

10 Total Tests

10

Total Tests

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10

Executed

100.0%

5 Passed 50.0%

5

Passed

50.0%

5 Failed 50.0%

5

Failed

50.0%

0 Blocked

0

Blocked

0 Skipped

0

Skipped

Test Analytics Test Results Failures by Module Defects by Severity Defects by Priority

## Test Analytics

Test Results Failures by Module Defects by Severity Defects by Priority

Test Results

## Test Results

Failures by Module

Failures by Module

Defects by Severity

Defects by Severity

Defects by Priority

Defects by Priority

Test Execution Summary Module Total Passed Failed Pass Rate Authentication 3 1 2 33.3%  
Notifications 1 1 0 100.0% Reports 2 1 1 50.0% Search 2 1 1 50.0% User Management 2 1 1 50.0%

Test Execution Summary

Modules Covered Module Tests Executed Passed Failed Pass Rate Status Authentication 3 1 2  
33.3% Critical Notifications 1 1 0 100.0% Excellent Reports 2 1 1 50.0% Needs Attention Search 2  
1 1 50.0% Needs Attention User Management 2 1 1 50.0% Needs Attention

Modules Covered

Test Environment Environment Details Environment Name: Test Environment Hardware: Standard  
test hardware Software: Test environment software stack Operating System: N/A Browser/Platform:  
N/A Database: N/A Test Data: Standard test data set Configuration: Default configuration

Test Environment

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Software: Test environment software stack Operating System: N/A Browser/Platform: N/A  
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Environment Details

Variances/Deviations Test Execution Variances Pass Rate Deviation (Medium) Description: Pass  
rate of 50.0% is significantly below expected threshold Impact: Quality concerns may indicate  
widespread issues Mitigation: Conduct root cause analysis and implement quality gates Critical  
Defect Deviation (Critical) Description: 1 critical defect(s) found - release blocker Impact: Critical  
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and re-testing required Module Defect Density Deviation (High) Description: High defect density in  
modules: Authentication, Notifications, Reports, Search, User Management Impact: Specific  
modules show excessive defect rates Mitigation: Focus additional testing and development effort on  
high-defect modules Module Pass Rate Deviation (Medium) Description: Low pass rates in  
modules: Authentication Impact: Specific modules show poor quality indicators Mitigation: Review  
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Variances/Deviations

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## Test Execution Variances

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Description: High defect density in modules: Authentication, Notifications, Reports, Search, User Management

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Module Pass Rate Deviation (Medium) Description: Low pass rates in modules: Authentication Impact: Specific modules show poor quality indicators Mitigation: Review and improve test cases for low-performing modules

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Description: Low pass rates in modules: Authentication

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Mitigation: Review and improve test cases for low-performing modules

Defect Summary Severity Open Closed Deferred Total Critical 1 0 0 1 Major 2 0 0 2 Medium 1 0 0 1 Minor 1 0 0 1 Total 5 0 0 5

## Defect Summary

Key Bugs Bug ID Severity Priority Status Description Module Assigned To BUG-001 Major High Open Bug BUG-001 Authentication Tester1 BUG-002 Critical Highest Open Bug BUG-002 Authentication Tester2 BUG-003 Medium Medium Open Bug BUG-003 User Management Tester2 BUG-004 Major High Open Bug BUG-004 Search Tester2 BUG-005 Minor Low Open Bug

## Key Bugs

Key Findings Stable Areas Notifications module shows excellent stability with 100.0% pass rate  
Risky Areas Overall Quality Risk: Pass rate of 50.0% is below conditional threshold (95%) Critical Defects: 1 critical defects require immediate attention Authentication module shows critical quality issues with 33.3% pass rate Reports module needs attention with 50.0% pass rate Search module needs attention with 50.0% pass rate User Management module needs attention with 50.0% pass rate

## Key Findings

Stable Areas Notifications module shows excellent stability with 100.0% pass rate

## Stable Areas

Risky Areas Overall Quality Risk: Pass rate of 50.0% is below conditional threshold (95%) Critical Defects: 1 critical defects require immediate attention Authentication module shows critical quality issues with 33.3% pass rate Reports module needs attention with 50.0% pass rate Search module needs attention with 50.0% pass rate User Management module needs attention with 50.0% pass rate

## Risky Areas

Exit Criteria Criteria Met ■ All planned test cases executed (10/10) Criteria Not Met ■ Pass rate below conditional threshold (50.0% < 95%) ■ Critical defects exceed conditional limit (1 > 0) ■ Major defects exceed conditional limit (2 > 1)

## Exit Criteria

Criteria Met ■ All planned test cases executed (10/10) Criteria Not Met ■ Pass rate below conditional threshold (50.0% < 95%) ■ Critical defects exceed conditional limit (1 > 0) ■ Major defects exceed conditional limit (2 > 1)

## Criteria Met

- All planned test cases executed (10/10)
- All planned test cases executed (10/10)

## Criteria Not Met

- Pass rate below conditional threshold (50.0% < 95%) ■ Critical defects exceed conditional limit (1 > 0) ■ Major defects exceed conditional limit (2 > 1)
- Pass rate below conditional threshold (50.0% < 95%)
- Critical defects exceed conditional limit (1 > 0)
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Lessons Learned What Went Well Excellent test execution rate of 100.0% (10/10 tests) No blocked tests - test environment was stable No flaky tests identified - test reliability is good Areas for Improvement Low pass rate of 50.0% indicates quality concerns 1 critical defect(s) require immediate attention High defect density in modules: Authentication (3 defects), Notifications (1 defects), Reports (2 defects), Search (2 defects), User Management (2 defects) Low pass rates in

modules: Authentication (33.3%), Reports (50.0%), Search (50.0%), User Management (50.0%)  
Recommendations for Next Cycle Implement stricter quality gates and code review processes  
Focus on root cause analysis for failing test cases Establish critical defect resolution process with immediate escalation Implement automated testing for critical paths to prevent regression Prioritize high-defect modules for additional testing and development focus Review and improve test cases for low-performing modules Establish regular test execution schedules and monitoring Implement comprehensive test data management processes Create robust defect tracking and resolution workflows

## Lessons Learned

What Went Well Excellent test execution rate of 100.0% (10/10 tests) No blocked tests - test environment was stable No flaky tests identified - test reliability is good Areas for Improvement Low pass rate of 50.0% indicates quality concerns 1 critical defect(s) require immediate attention High defect density in modules: Authentication (3 defects), Notifications (1 defects), Reports (2 defects), Search (2 defects), User Management (2 defects) Low pass rates in modules: Authentication (33.3%), Reports (50.0%), Search (50.0%), User Management (50.0%) Recommendations for Next Cycle Implement stricter quality gates and code review processes Focus on root cause analysis for failing test cases Establish critical defect resolution process with immediate escalation Implement automated testing for critical paths to prevent regression Prioritize high-defect modules for additional testing and development focus Review and improve test cases for low-performing modules Establish regular test execution schedules and monitoring Implement comprehensive test data management processes Create robust defect tracking and resolution workflows

## What Went Well

## Areas for Improvement

## Recommendations for Next Cycle

Sign-Off Test Team Development Team Product Owner Quality Assurance Test Lead: TBD  
Development Lead: TBD Product Owner: TBD QA Manager: TBD Test Engineer: TBD Date: TBD  
Date: TBD Date: TBD Date: 2025-09-13 Release Decision Release Recommendation: REJECTED  
Comments: Based on test execution results and exit criteria evaluation

## Sign-Off

Test Team Development Team Product Owner Quality Assurance Test Lead: TBD Development  
Lead: TBD Product Owner: TBD QA Manager: TBD Test Engineer: TBD Date: TBD Date: TBD  
Date: TBD Date: 2025-09-13 Release Decision Release Recommendation: REJECTED  
Comments: Based on test execution results and exit criteria evaluation

## Release Decision

Release Recommendation: REJECTED

Comments: Based on test execution results and exit criteria evaluation

Recommendations Continue monitoring test execution and defect resolution Review and update test cases based on current findings

## Recommendations

