# **Test Summary Report**

Test Summary Report E-Commerce Platform - v2.6.23 ■ 2025-09-15 ■ QA ■ 45 Tests ■ 66.67% Pass Rate

### **Test Summary Report**

E-Commerce Platform - v2.6.23

- 2025-09-15 QA 45 Tests 66.67% Pass Rate
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- QA
- 45 Tests
- 66.67% Pass Rate
- Overview Test Details Defects ■■ Modules Analysis △■ Sign-off

Executive Summary Test Execution: 45 total tests, 45 executed (66.67% pass rate) Defects: 15 total defects identified (3 critical, 6 major, 5 medium, 1 minor) Status: ■ Requires immediate action 45 Total Tests 45 Executed 100.0% 30 Passed 66.7% 15 Failed 33.3% 0 Blocked 0 Skipped ■ Quality Gate Evaluation ■ Quality Gate Evaluation Recommendation: REJECTED Gate Used: Lenient Quality Gate

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Test Execution: 45 total tests, 45 executed (66.67% pass rate)

Defects: 15 total defects identified (3 critical, 6 major, 5 medium, 1 minor)

Status: ■ Requires immediate action

45 Total Tests 45 Executed 100.0% 30 Passed 66.7% 15 Failed 33.3% 0 Blocked 0 Skipped

45 Total Tests

45

**Total Tests** 

45 Executed 100.0%

45

Executed

100.0%

30 Passed 66.7%

30

Passed

66.7%

15 Failed 33.3%

15

Failed

33.3%

0 Blocked

0

**Blocked** 

0 Skipped

0

Skipped

■ Quality Gate Evaluation ■ Quality Gate Evaluation Recommendation: REJECTED Gate Used: Lenient Quality Gate

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### **Quality Gate Evaluation**

Recommendation: REJECTED

Gate Used: Lenient Quality Gate

- Key Findings & Insights Key Findings Stable Areas Quality Assessment: No modules achieved the 90% pass rate threshold required for "stable" classification Current Status: All tested modules show performance below the stability threshold, indicating widespread quality concerns Risk Level: High - The overall test execution results suggest significant quality issues that need immediate attention Recommendation: Focus on identifying and addressing root causes of failures before proceeding with release Risky Areas Overall Quality Risk: Pass rate of 66.7% is below conditional threshold (95%) Critical Defects: 3 critical defects require immediate attention Major Defect Volume: 6 major defects exceed acceptable limit (2) API Testing module needs attention with 60.0% pass rate Authentication module needs attention with 20.0% pass rate Order Management module needs attention with 60.0% pass rate User Management module needs attention with 60.0% pass rate Authentication module shows high defect density (80.0%) ■ Lessons Learned ■ Lessons Learned What Went Well Excellent test execution rate of 100.0% (45/45 tests) No blocked tests - test environment was stable No flaky tests identified - test reliability is good Areas for Improvement Low pass rate of 66.7% indicates quality concerns 3 critical defect(s) require immediate attention High number of major defects (6) indicates quality issues Low pass rates in modules: Authentication High defect density in modules: Authentication ■■ Variances & Deviations ■ Variances/Deviations Test Execution Variances Pass Rate Deviation: Pass rate of 66.7% is significantly below expected threshold. Quality concerns may indicate widespread issues. Conduct root cause analysis and implement quality gates. Critical Defect Deviation: 3 critical defect(s) found - release blocker. Critical functionality is compromised, release should be delayed. Immediate defect resolution and re-testing required. Major Defect Deviation: 6 major defect(s) exceed acceptable threshold. Significant functionality issues may impact user experience. Prioritize major defect resolution before release. Module Pass Rate Deviation: Low pass rates in modules: Authentication. Specific modules show poor quality indicators. Review and improve test cases for low-performing modules. Module Defect Density Deviation (High): High defect density in modules: Authentication. Specific modules show excessive defect rates. Focus additional testing and development effort on high-defect modules.
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# **Key Findings**

Stable Areas Quality Assessment: No modules achieved the 90% pass rate threshold required for "stable" classification Current Status: All tested modules show performance below the stability threshold, indicating widespread quality concerns Risk Level: High - The overall test execution results suggest significant quality issues that need immediate attention Recommendation: Focus on identifying and addressing root causes of failures before proceeding with release Risky Areas Overall Quality Risk: Pass rate of 66.7% is below conditional threshold (95%) Critical Defects: 3 critical defects require immediate attention Major Defect Volume: 6 major defects exceed acceptable limit (2) API Testing module needs attention with 60.0% pass rate Authentication module needs attention with 20.0% pass rate User Management module needs attention with 60.0% pass rate Authentication module shows high defect density (80.0%)

#### Stable Areas

# **Risky Areas**

■ Lessons Learned ■ Lessons Learned What Went Well Excellent test execution rate of 100.0% (45/45 tests) No blocked tests - test environment was stable No flaky tests identified - test reliability is good Areas for Improvement Low pass rate of 66.7% indicates quality concerns 3 critical defect(s) require immediate attention High number of major defects (6) indicates quality issues Low

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#### **Lessons Learned**

What Went Well Excellent test execution rate of 100.0% (45/45 tests) No blocked tests - test environment was stable No flaky tests identified - test reliability is good Areas for Improvement Low pass rate of 66.7% indicates quality concerns 3 critical defect(s) require immediate attention High number of major defects (6) indicates quality issues Low pass rates in modules: Authentication High defect density in modules: Authentication

#### What Went Well

## **Areas for Improvement**

Variances & Deviations ■ Variances/Deviations Test Execution Variances Pass Rate Deviation: Pass rate of 66.7% is significantly below expected threshold. Quality concerns may indicate widespread issues. Conduct root cause analysis and implement quality gates. Critical Defect Deviation: 3 critical defect(s) found - release blocker. Critical functionality is compromised, release should be delayed. Immediate defect resolution and re-testing required. Major Defect Deviation: 6 major defect(s) exceed acceptable threshold. Significant functionality issues may impact user experience. Prioritize major defect resolution before release. Module Pass Rate Deviation: Low pass rates in modules: Authentication. Specific modules show poor quality indicators. Review and improve test cases for low-performing modules. Module Defect Density Deviation (High): High defect density in modules: Authentication. Specific modules show excessive defect rates. Focus additional testing and development effort on high-defect modules.

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#### **Test Execution Variances**

Test Analytics Test Results Failures by Module ■ Test Execution Summary by Module ■ Module Total Tests Executed Passed Failed Pass Rate Quality Status API Testing 5 5 3 2 60.0% Needs Attention Authentication 5 5 1 4 20.0% Critical Dashboard 5 5 4 1 80.0% Good Order Management 5 5 3 2 60.0% Needs Attention Payment 5 5 4 1 80.0% Good Performance 5 5 4 1 80.0% Good Reports 5 5 4 1 80.0% Good Security 5 5 4 1 80.0% Good User Management 5 5 3 2 60.0% Needs Attention ■ Module Comparison & Analysis ■ Defect Density per Module Module Total Defects Total Tests Density % Critical Major Medium Minor Risk Level Authentication 4 5 80.0% 1 1 2 0 High Dashboard 1 5 20.0% 0 0 1 0 Low Order Management 2 5 40.0% 0 1 1 0 Medium Payment 1 5 20.0% 0 1 0 0 Medium Reports 1 5 20.0% 0 0 0 1 Low User Management 2 5 40.0% 0 1 1 0 Medium API Testing 2 5 40.0% 1 1 0 0 High Performance 1 5 20.0% 0 1 0 0 Medium Security 1 5 20.0% 1 0 0 0 High Module Risk Assessment High Risk Modules API Testing: 60.0% pass rate -Requires immediate attention Authentication: 20.0% pass rate - Requires immediate attention Order Management: 60.0% pass rate - Requires immediate attention User Management: 60.0% pass rate - Requires immediate attention Stable Modules 

No modules currently meet the "Stable" criteria (≥90% pass rate). Consider focusing on improving test coverage and debugging for modules with lower pass rates. Module Performance Summary Analysis Results: High Risk Modules: 4 Stable Modules: 0 Total Modules Analyzed: 9

Test Analytics Test Results Failures by Module

# **Test Analytics**

#### **Test Results**

Failures by Module

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### **Defect Density per Module**

Module Risk Assessment High Risk Modules API Testing: 60.0% pass rate - Requires immediate attention Authentication: 20.0% pass rate - Requires immediate attention Order Management: 60.0% pass rate - Requires immediate attention User Management: 60.0% pass rate - Requires immediate attention Stable Modules ■■ No modules currently meet the "Stable" criteria (≥90% pass rate). Consider focusing on improving test coverage and debugging for modules with lower pass rates. Module Performance Summary Analysis Results: High Risk Modules: 4 Stable Modules: 0 Total Modules Analyzed: 9

#### Module Risk Assessment

High Risk Modules API Testing: 60.0% pass rate - Requires immediate attention Authentication: 20.0% pass rate - Requires immediate attention Order Management: 60.0% pass rate - Requires immediate attention User Management: 60.0% pass rate - Requires immediate attention Stable Modules ■■ No modules currently meet the "Stable" criteria (≥90% pass rate). Consider focusing on improving test coverage and debugging for modules with lower pass rates. Module Performance Summary Analysis Results: High Risk Modules: 4 Stable Modules: 0 Total Modules Analyzed: 9

## **High Risk Modules**

#### **Stable Modules**

■■ No modules currently meet the "Stable" criteria (≥90% pass rate). Consider focusing on improving test coverage and debugging for modules with lower pass rates.

# **Module Performance Summary**

Analysis Results: High Risk Modules: 4 Stable Modules: 0 Total Modules Analyzed: 9 Analysis Results:

Test Execution Overview 45 Total Test Cases 30 Passed Tests 15 Failed Tests 66.7% Pass Rate ■ All Test Case Results ■ Complete Test Execution Details Test Case ID Test Name Module Priority Status Execution Time Tester Environment Browser validUserLogin Valid User Login Authentication High Pass 1250ms John Smith N/A N/A invalidPasswordLogin Invalid Password Login Authentication High Fail 890ms John Smith N/A N/A emptyUsernameLogin Empty Username Login Authentication Medium Fail 650ms John Smith N/A N/A emptyPasswordLogin Empty Password Login Authentication Medium Fail 720ms John Smith N/A N/A sqlInjectionLogin SQL Injection Login Authentication Critical Fail 1100ms John Smith N/A N/A loadDashboard Load Dashboard Dashboard High Pass 2100ms Mike Johnson N/A N/A widgetDisplay Widget Display Dashboard High Pass 1800ms Mike Johnson N/A N/A dataRefresh Data Refresh Dashboard Medium Pass 3200ms Mike Johnson N/A N/A responsive Layout Responsive Layout Dashboard Medium Fail 2500ms Mike Johnson N/A N/A performanceMetrics Performance Metrics Dashboard Low Pass 4100ms Mike Johnson N/A N/A createNewOrder Create New Order Order Management High Pass 2800ms Sarah Wilson N/A N/A editExistingOrder Edit Existing Order Order Management High Pass 1950ms Sarah Wilson N/A N/A deleteOrder Delete Order Order Management High Fail 1600ms Sarah Wilson N/A N/A orderValidation Order Validation Order Management Medium Pass 2200ms Sarah Wilson N/A N/A bulkOrderImport Bulk Order Import Order Management Medium Fail 8500ms Sarah Wilson N/A N/A creditCardPayment Credit Card Payment Payment High Pass

3200ms David Brown N/A N/A paypalPayment PayPal Payment Payment High Pass 2800ms David Brown N/A N/A invalidCardPayment Invalid Card Payment Payment High Fail 1900ms David Brown N/A N/A refundProcess Refund Process Payment Medium Pass 4500ms David Brown N/A N/A paymentHistory Payment History Payment Low Pass 1200ms David Brown N/A N/A generateSalesReport Generate Sales Report Reports Medium Pass 5600ms Lisa Chen N/A N/A exportPdfReport Export PDF Report Reports Medium Pass 4200ms Lisa Chen N/A N/A emailReport Email Report Reports Low Fail 3800ms Lisa Chen N/A N/A reportFiltering Report Filtering Reports Medium Pass 2100ms Lisa Chen N/A N/A dataVisualization Data Visualization Reports Low Pass 3400ms Lisa Chen N/A N/A createUserAccount Create User Account User Management High Pass 1800ms Alex Kumar N/A N/A updateUserProfile Update User Profile User Management High Pass 1500ms Alex Kumar N/A N/A deleteUserAccount Delete User Account User Management High Fail 1200ms Alex Kumar N/A N/A roleAssignment Role Assignment User Management Medium Pass 2000ms Alex Kumar N/A N/A passwordReset Password Reset User Management Medium Fail 2500ms Alex Kumar N/A N/A loginApiEndpoint Login API Endpoint API Testing High Pass 800ms API Tester N/A N/A getUserDataApi Get User Data API API Testing High Pass 600ms API Tester N/A N/A createOrderApi Create Order API API Testing High Fail 1200ms API Tester N/A N/A updateOrderApi Update Order API API Testing Medium Pass 900ms API Tester N/A N/A deleteOrderApi Delete Order API API Testing Medium Fail 1100ms API Tester N/A N/A pageLoadPerformance Page Load Performance Performance High Pass 3500ms Perf Tester N/A N/A databaseQueryPerformance Database Query Performance Performance High Pass 2800ms Perf Tester N/A N/A concurrentUserLoad Concurrent User Load Performance Medium Pass 12000ms Perf Tester N/A N/A memoryUsage Memory Usage Performance Medium Pass 4500ms Perf Tester N/A N/A responseTimeUnderLoad Response Time Under Load Performance High Fail 15000ms Perf Tester N/A N/A sqllnjectionTest SQL Injection Test Security Critical Pass 2200ms Security Tester N/A N/A xssVulnerabilityTest XSS Vulnerability Test Security Critical Pass 1800ms Security Tester N/A N/A authenticationBypass Authentication Bypass Security Critical Fail 1600ms Security Tester N/A N/A sessionManagement Session Management Security High Pass 2000ms Security Tester N/A N/A dataEncryption Data Encryption Security High Pass 2500ms Security Tester N/A N/A ■ Failed Test Cases (15) ■ Failed Test Cases Analysis Test Case ID Test Name Module Priority Error Message Severity Bug ID Execution Time invalidPasswordLogin Invalid Password Login Authentication High N/A Major BUG-001 890ms emptyUsernameLogin Empty Username Login Authentication Medium N/A Medium BUG-002 650ms emptyPasswordLogin Empty Password Login Authentication Medium N/A Medium BUG-003 720ms sqllnjectionLogin SQL Injection Login Authentication Critical N/A Critical BUG-004 1100ms responsive Layout Responsive Layout Dashboard Medium N/A Medium BUG-005 2500ms deleteOrder Delete Order Order Management High N/A Major BUG-006 1600ms bulkOrderImport Bulk Order Import Order Management Medium N/A Medium BUG-007 8500ms invalidCardPayment Invalid Card Payment Payment High N/A Major BUG-008 1900ms emailReport Email Report Reports Low N/A Minor BUG-009 3800ms deleteUserAccount Delete User Account User Management High N/A Major BUG-010 1200ms passwordReset Password Reset User Management Medium N/A Medium BUG-011 2500ms createOrderApi Create Order API API Testing High N/A Critical BUG-012 1200ms deleteOrderApi Delete Order API API Testing Medium N/A Major BUG-013 1100ms responseTimeUnderLoad Response Time Under Load Performance High N/A Major BUG-014 15000ms authenticationBypass Authentication Bypass Security Critical N/A Critical BUG-015 1600ms ■ Test Execution Statistics ■ Execution Statistics by Module Module Total Tests Passed Failed Pass Rate Avg Execution Time Total Execution Time API Testing 5 3 2 60.0% N/A N/A Authentication 5 1 4 20.0% N/A N/A Dashboard 5 4 1 80.0% N/A N/A Order Management 5 3 2 60.0% N/A N/A Payment 5 4 1 80.0% N/A N/A Performance 5 4 1 80.0% N/A N/A Reports 5 4 1 80.0% N/A N/A Security 5 4 1 80.0% N/A N/A User Management 5 3 2 60.0% N/A N/A

Test Execution Overview 45 Total Test Cases 30 Passed Tests 15 Failed Tests 66.7% Pass Rate

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45

30 Passed Tests

30

**Passed Tests** 

15 Failed Tests

15

**Failed Tests** 

66.7% Pass Rate

66.7%

Pass Rate

■ All Test Case Results ■ Complete Test Execution Details Test Case ID Test Name Module Priority Status Execution Time Tester Environment Browser validUserLogin Valid User Login Authentication High Pass 1250ms John Smith N/A N/A invalidPasswordLogin Invalid Password Login Authentication High Fail 890ms John Smith N/A N/A emptyUsernameLogin Empty Username Login Authentication Medium Fail 650ms John Smith N/A N/A emptyPasswordLogin Empty Password Login Authentication Medium Fail 720ms John Smith N/A N/A sqllnjectionLogin SQL Injection Login Authentication Critical Fail 1100ms John Smith N/A N/A loadDashboard Load Dashboard Dashboard High Pass 2100ms Mike Johnson N/A N/A widgetDisplay Widget Display Dashboard High Pass 1800ms Mike Johnson N/A N/A dataRefresh Data Refresh Dashboard Medium Pass 3200ms Mike Johnson N/A N/A responsive Layout Responsive Layout Dashboard Medium Fail 2500ms Mike Johnson N/A N/A performanceMetrics Performance Metrics Dashboard Low Pass 4100ms Mike Johnson N/A N/A createNewOrder Create New Order Order Management High Pass 2800ms Sarah Wilson N/A N/A editExistingOrder Edit Existing Order Order Management High Pass 1950ms Sarah Wilson N/A N/A deleteOrder Delete Order Order Management High Fail 1600ms Sarah Wilson N/A N/A orderValidation Order Validation Order Management Medium Pass 2200ms Sarah Wilson N/A N/A bulkOrderImport Bulk Order Import Order Management Medium Fail 8500ms Sarah Wilson N/A N/A creditCardPayment Credit Card Payment Payment High Pass 3200ms David Brown N/A N/A paypalPayment PayPal Payment Payment High Pass 2800ms David Brown N/A N/A invalidCardPayment Invalid Card Payment Payment High Fail 1900ms David Brown N/A N/A refundProcess Refund Process Payment Medium Pass 4500ms David Brown N/A N/A paymentHistory Payment History Payment Low Pass 1200ms David Brown N/A N/A generateSalesReport Generate Sales Report Reports Medium Pass 5600ms Lisa Chen N/A N/A exportPdfReport Export PDF Report Reports Medium Pass 4200ms Lisa Chen N/A N/A emailReport Email Report Reports Low Fail 3800ms Lisa Chen N/A N/A reportFiltering Report Filtering Reports Medium Pass 2100ms Lisa Chen N/A N/A dataVisualization Data Visualization Reports Low Pass 3400ms Lisa Chen N/A N/A createUserAccount Create User Account User Management High Pass 1800ms Alex Kumar N/A N/A updateUserProfile Update User Profile User Management High Pass 1500ms Alex Kumar N/A N/A deleteUserAccount Delete User Account User Management High Fail 1200ms Alex Kumar N/A N/A roleAssignment Role Assignment User Management Medium Pass 2000ms Alex Kumar N/A N/A passwordReset Password Reset User Management Medium Fail 2500ms Alex Kumar N/A N/A loginApiEndpoint Login API Endpoint API Testing High Pass 800ms API Tester N/A N/A getUserDataApi Get User Data API API Testing High Pass 600ms API Tester N/A N/A createOrderApi Create Order API API Testing High Fail 1200ms API Tester N/A N/A updateOrderApi Update Order API API Testing Medium Pass 900ms API Tester N/A N/A deleteOrderApi Delete Order API API Testing Medium Fail 1100ms API Tester N/A N/A pageLoadPerformance Page Load Performance Performance High Pass 3500ms Perf Tester N/A N/A databaseQueryPerformance Database Query Performance Performance High Pass 2800ms Perf Tester N/A N/A concurrentUserLoad Concurrent User Load Performance Medium Pass 12000ms Perf Tester N/A N/A memoryUsage Memory Usage Performance Medium Pass 4500ms Perf Tester N/A N/A responseTimeUnderLoad Response Time Under Load Performance High Fail 15000ms Perf Tester N/A N/A sqllnjectionTest SQL Injection Test Security Critical Pass 2200ms Security Tester N/A N/A xssVulnerabilityTest XSS Vulnerability Test Security Critical Pass 1800ms Security Tester N/A N/A authenticationBypass Authentication Bypass Security Critical Fail 1600ms Security Tester N/A N/A sessionManagement Session Management Security High Pass 2000ms Security Tester N/A N/A dataEncryption Data Encryption Security High Pass 2500ms Security Tester N/A N/A

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bulkOrderImport Bulk Order Import Order Management Medium Fail 8500ms Sarah Wilson N/A N/A creditCardPayment Credit Card Payment Payment High Pass 3200ms David Brown N/A N/A paypalPayment PayPal Payment Payment High Pass 2800ms David Brown N/A N/A invalidCardPayment Invalid Card Payment Payment High Fail 1900ms David Brown N/A N/A refundProcess Refund Process Payment Medium Pass 4500ms David Brown N/A N/A paymentHistory Payment History Payment Low Pass 1200ms David Brown N/A N/A generateSalesReport Generate Sales Report Reports Medium Pass 5600ms Lisa Chen N/A N/A exportPdfReport Export PDF Report Reports Medium Pass 4200ms Lisa Chen N/A N/A emailReport Email Report Reports Low Fail 3800ms Lisa Chen N/A N/A reportFiltering Report Filtering Reports Medium Pass 2100ms Lisa Chen N/A N/A dataVisualization Data Visualization Reports Low Pass 3400ms Lisa Chen N/A N/A createUserAccount Create User Account User Management High Pass 1800ms Alex Kumar N/A N/A updateUserProfile Update User Profile User Management High Pass 1500ms Alex Kumar N/A N/A deleteUserAccount Delete User Account User Management High Fail 1200ms Alex Kumar N/A N/A roleAssignment Role Assignment User Management Medium Pass 2000ms Alex Kumar N/A N/A passwordReset Password Reset User Management Medium Fail 2500ms Alex Kumar N/A N/A loginApiEndpoint Login API Endpoint API Testing High Pass 800ms API Tester N/A N/A getUserDataApi Get User Data API API Testing High Pass 600ms API Tester N/A N/A createOrderApi Create Order API API Testing High Fail 1200ms API Tester N/A N/A updateOrderApi Update Order API API Testing Medium Pass 900ms API Tester N/A N/A deleteOrderApi Delete Order API API Testing Medium Fail 1100ms API Tester N/A N/A pageLoadPerformance Page Load Performance Performance High Pass 3500ms Perf Tester N/A N/A databaseQueryPerformance Database Query Performance Performance High Pass 2800ms Perf Tester N/A N/A concurrentUserLoad Concurrent User Load Performance Medium Pass 12000ms Perf Tester N/A N/A memoryUsage Memory Usage Performance Medium Pass 4500ms Perf Tester N/A N/A responseTimeUnderLoad Response Time Under Load Performance High Fail 15000ms Perf Tester N/A N/A sqllniectionTest SQL Injection Test Security Critical Pass 2200ms Security Tester N/A N/A xssVulnerabilityTest XSS Vulnerability Test Security Critical Pass 1800ms Security Tester N/A N/A authenticationBypass Authentication Bypass Security Critical Fail 1600ms Security Tester N/A N/A sessionManagement Session Management Security High Pass 2000ms Security Tester N/A N/A dataEncryption Data Encryption Security High Pass 2500ms Security Tester N/A N/A

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Management Medium Fail 2500ms Alex Kumar N/A N/A loginApiEndpoint Login API Endpoint API Testing High Pass 800ms API Tester N/A N/A getUserDataApi Get User Data API API Testing High Pass 600ms API Tester N/A N/A createOrderApi Create Order API API Testing High Fail 1200ms API Tester N/A N/A updateOrderApi Update Order API API Testing Medium Pass 900ms API Tester N/A N/A deleteOrderApi Delete Order API API Testing Medium Fail 1100ms API Tester N/A N/A pageLoadPerformance Page Load Performance Performance High Pass 3500ms Perf Tester N/A N/A databaseQueryPerformance Database Query Performance Performance High Pass 2800ms Perf Tester N/A N/A concurrentUserLoad Concurrent User Load Performance Medium Pass 12000ms Perf Tester N/A N/A memoryUsage Memory Usage Performance Medium Pass 4500ms Perf Tester N/A N/A responseTimeUnderLoad Response Time Under Load Performance High Fail 15000ms Perf Tester N/A N/A sqllniectionTest SQL Injection Test Security Critical Pass 2200ms Security Tester N/A N/A xssVulnerabilityTest XSS Vulnerability Test Security Critical Pass 1800ms Security Tester N/A N/A authenticationBypass Authentication Bypass Security Critical Fail 1600ms Security Tester N/A N/A sessionManagement Session Management Security High Pass 2000ms Security Tester N/A N/A dataEncryption Data Encryption Security High Pass 2500ms Security Tester N/A N/A

### **Complete Test Execution Details**

■ Failed Test Cases (15) ■ Failed Test Cases Analysis Test Case ID Test Name Module Priority Error Message Severity Bug ID Execution Time invalidPasswordLogin Invalid Password Login Authentication High N/A Major BUG-001 890ms emptyUsernameLogin Empty Username Login Authentication Medium N/A Medium BUG-002 650ms emptyPasswordLogin Empty Password Login Authentication Medium N/A Medium BUG-003 720ms sqlInjectionLogin SQL Injection Login Authentication Critical N/A Critical BUG-004 1100ms responsive Layout Responsive Layout Dashboard Medium N/A Medium BUG-005 2500ms deleteOrder Delete Order Order Management High N/A Major BUG-006 1600ms bulkOrderImport Bulk Order Import Order Management Medium N/A Medium BUG-007 8500ms invalidCardPayment Invalid Card Payment Payment High N/A Major BUG-008 1900ms emailReport Email Report Reports Low N/A Minor BUG-009 3800ms deleteUserAccount Delete User Account User Management High N/A Major BUG-010 1200ms passwordReset Password Reset User Management Medium N/A Medium BUG-011 2500ms createOrderApi Create Order API API Testing High N/A Critical BUG-012 1200ms deleteOrderApi Delete Order API API Testing Medium N/A Major BUG-013 1100ms responseTimeUnderLoad Response Time Under Load Performance High N/A Major BUG-014 15000ms authenticationBypass Authentication Bypass Security Critical N/A Critical BUG-015 1600ms

Failed Test Cases Analysis Test Case ID Test Name Module Priority Error Message Severity Bug ID Execution Time invalidPasswordLogin Invalid Password Login Authentication High N/A Major BUG-001 890ms emptyUsernameLogin Empty Username Login Authentication Medium N/A Medium BUG-002 650ms emptyPasswordLogin Empty Password Login Authentication Medium N/A Medium BUG-003 720ms sqllnjectionLogin SQL Injection Login Authentication Critical N/A Critical BUG-004 1100ms responsiveLayout Responsive Layout Dashboard Medium N/A Medium BUG-005 2500ms deleteOrder Delete Order Order Management High N/A Major BUG-006 1600ms bulkOrderImport Bulk Order Import Order Management Medium N/A Medium BUG-007 8500ms invalidCardPayment Invalid Card Payment Payment High N/A Major BUG-008 1900ms emailReport Email Report Reports Low N/A Minor BUG-009 3800ms deleteUserAccount Delete User Account User Management High N/A Major BUG-010 1200ms passwordReset Password Reset User Management Medium N/A Medium BUG-011 2500ms createOrderApi Create Order API API Testing High N/A Critical BUG-012 1200ms deleteOrderApi Delete Order API API Testing Medium N/A Major BUG-013 1100ms responseTimeUnderLoad Response Time Under Load Performance High N/A Major BUG-014 15000ms authenticationBypass Authentication Bypass Security Critical N/A Critical BUG-015 1600ms

Failed Test Cases Analysis Test Case ID Test Name Module Priority Error Message Severity Bug ID Execution Time invalidPasswordLogin Invalid Password Login Authentication High N/A Major BUG-001 890ms emptyUsernameLogin Empty Username Login Authentication Medium N/A Medium BUG-002 650ms emptyPasswordLogin Empty Password Login Authentication Medium N/A Medium BUG-003 720ms sqlInjectionLogin SQL Injection Login Authentication Critical N/A Critical BUG-004 1100ms responsiveLayout Responsive Layout Dashboard Medium N/A Medium BUG-005 2500ms deleteOrder Delete Order Order Management High N/A Major BUG-006 1600ms bulkOrderImport Bulk Order Import Order Management Medium N/A Medium BUG-007 8500ms

invalidCardPayment Invalid Card Payment Payment High N/A Major BUG-008 1900ms emailReport Email Report Reports Low N/A Minor BUG-009 3800ms deleteUserAccount Delete User Account User Management High N/A Major BUG-010 1200ms passwordReset Password Reset User Management Medium N/A Medium BUG-011 2500ms createOrderApi Create Order API API Testing High N/A Critical BUG-012 1200ms deleteOrderApi Delete Order API API Testing Medium N/A Major BUG-013 1100ms responseTimeUnderLoad Response Time Under Load Performance High N/A Major BUG-014 15000ms authenticationBypass Authentication Bypass Security Critical N/A Critical BUG-015 1600ms

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## **Failed Test Cases Analysis**

■ Test Execution Statistics ■ Execution Statistics by Module Module Total Tests Passed Failed Pass Rate Avg Execution Time Total Execution Time API Testing 5 3 2 60.0% N/A N/A Authentication 5 1 4 20.0% N/A N/A Dashboard 5 4 1 80.0% N/A N/A Order Management 5 3 2 60.0% N/A N/A Payment 5 4 1 80.0% N/A N/A Performance 5 4 1 80.0% N/A N/A Reports 5 4 1 80.0% N/A N/A Security 5 4 1 80.0% N/A N/A User Management 5 3 2 60.0% N/A N/A

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# **Execution Statistics by Module**

Defect Analysis Charts Defects by Severity Defects by Priority ■ Defect Summary ■ Defect Summary Severity Open Closed Deferred Total Critical 3 0 0 3 Major 6 0 0 6 Medium 5 0 0 5 Minor 1 0 0 1 Total 15 0 0 15 ■ Key Bugs Identified ■ Key Bugs Identified Bug ID Severity Priority Status Description Module Assigned To BUG-001 Major High Open N/A Authentication John Smith BUG-002 Medium Medium Open N/A Authentication John Smith BUG-003 Medium Medium Open N/A Authentication John Smith BUG-005 Medium Medium Open N/A Dashboard Mike Johnson BUG-006 Major High Open N/A

Order Management Sarah Wilson BUG-007 Medium Medium Open N/A Order Management Sarah Wilson BUG-008 Major High Open N/A Payment David Brown BUG-009 Minor Low Open N/A Reports Lisa Chen BUG-010 Major High Open N/A User Management Alex Kumar BUG-011 Medium Medium Open N/A User Management Alex Kumar BUG-012 Critical High Open N/A API Testing API Tester BUG-013 Major Medium Open N/A API Testing API Tester BUG-014 Major High Open N/A Performance Perf Tester BUG-015 Critical Critical Open N/A Security Security Tester ■ Defect Trends & Analysis ■ Defect Distribution by Module Module Total Defects Critical Major Medium Minor Defect Rate Risk Level Authentication 4 1 1 2 0 80.0% High Dashboard 1 0 0 1 0 20.0% Low Order Management 2 0 1 1 0 40.0% Medium Payment 1 0 1 0 0 20.0% Medium Reports 1 0 0 0 1 20.0% Low User Management 2 0 1 1 0 40.0% Medium API Testing 2 1 1 0 0 40.0% High Performance 1 0 1 0 0 20.0% Medium Security 1 1 0 0 0 20.0% High Defect Severity Analysis 3 Critical Defects Immediate Action Required 6 Major Defects High Priority 5 Medium Defects Medium Priority 1 Minor Defects Low Priority Defect Trend Summary Key Insights Total Defects: 15 defects identified across 9 modules Critical Issues: 3 critical defects require immediate attention Most Affected Module: Authentication with 4 defects Defect Density: 33.3% of test cases resulted in defects Recommendations ■ Critical Priority: Address 3 critical defects before release ■ Module Focus: Authentication module needs additional testing and debugging ■ Quality Improvement: Implement additional test coverage for high-defect areas

Defect Analysis Charts Defects by Severity Defects by Priority

## **Defect Analysis Charts**

Defects by Severity Defects by Priority Defects by Severity Defects by Priority Defects by Severity

# **Defects by Severity**

Defects by Priority

# **Defects by Priority**

■ Defect Summary ■ Defect Summary Severity Open Closed Deferred Total Critical 3 0 0 3 Major 6 0 0 6 Medium 5 0 0 5 Minor 1 0 0 1 Total 15 0 0 15

Defect Summary Severity Open Closed Deferred Total Critical 3 0 0 3 Major 6 0 0 6 Medium 5 0 0 5 Minor 1 0 0 1 Total 15 0 0 15

Defect Summary Severity Open Closed Deferred Total Critical 3 0 0 3 Major 6 0 0 6 Medium 5 0 0 5 Minor 1 0 0 1 Total 15 0 0 15

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# **Defect Summary**

■ Key Bugs Identified ■ Key Bugs Identified Bug ID Severity Priority Status Description Module Assigned To BUG-001 Major High Open N/A Authentication John Smith BUG-002 Medium Medium Open N/A Authentication John Smith BUG-003 Medium Medium Open N/A Authentication John Smith BUG-004 Critical Critical Open N/A Authentication John Smith BUG-005 Medium Medium Open N/A Dashboard Mike Johnson BUG-006 Major High Open N/A Order Management Sarah Wilson BUG-007 Medium Medium Open N/A Order Management Sarah Wilson BUG-008 Major High Open N/A Payment David Brown BUG-009 Minor Low Open N/A Reports Lisa Chen BUG-010 Major High Open N/A User Management Alex Kumar BUG-011 Medium Medium Open N/A User Management Alex Kumar BUG-012 Critical High Open N/A API Testing API Tester BUG-013 Major Medium Open N/A API Testing API Tester BUG-014 Major High Open N/A Performance Perf Tester BUG-015 Critical Open N/A Security Security Tester

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# **Key Bugs Identified**

■ Defect Trends & Analysis ■ Defect Distribution by Module Module Total Defects Critical Major Medium Minor Defect Rate Risk Level Authentication 4 1 1 2 0 80.0% High Dashboard 1 0 0 1 0 20.0% Low Order Management 2 0 1 1 0 40.0% Medium Payment 1 0 1 0 0 20.0% Medium Reports 1 0 0 0 1 20.0% Low User Management 2 0 1 1 0 40.0% Medium API Testing 2 1 1 0 0 40.0% High Performance 1 0 1 0 0 20.0% Medium Security 1 1 0 0 0 20.0% High Defect Severity Analysis 3 Critical Defects Immediate Action Required 6 Major Defects High Priority 5 Medium Defects Medium Priority 1 Minor Defects Low Priority Defect Trend Summary Key Insights Total Defects: 15 defects identified across 9 modules Critical Issues: 3 critical defects require immediate attention Most Affected Module: Authentication with 4 defects Defect Density: 33.3% of test cases resulted in defects Recommendations ■ Critical Priority: Address 3 critical defects before release ■ Module Focus: Authentication module needs additional testing and debugging ■ Quality Improvement: Implement additional test coverage for high-defect areas

Defect Distribution by Module Module Total Defects Critical Major Medium Minor Defect Rate Risk Level Authentication 4 1 1 2 0 80.0% High Dashboard 1 0 0 1 0 20.0% Low Order Management 2 0 1 1 0 40.0% Medium Payment 1 0 1 0 0 20.0% Medium Reports 1 0 0 0 1 20.0% Low User Management 2 0 1 1 0 40.0% Medium API Testing 2 1 1 0 0 40.0% High Performance 1 0 1 0 0 20.0% Medium Security 1 1 0 0 0 20.0% High Defect Severity Analysis 3 Critical Defects Immediate Action Required 6 Major Defects High Priority 5 Medium Defects Medium Priority 1 Minor Defects Low Priority Defect Trend Summary Key Insights Total Defects: 15 defects identified across 9 modules Critical Issues: 3 critical defects require immediate attention Most Affected Module: Authentication with 4 defects Defect Density: 33.3% of test cases resulted in defects Recommendations ■ Critical Priority: Address 3 critical defects before release ■ Module Focus: Authentication module needs additional testing and debugging ■ Quality Improvement: Implement

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### **Defect Distribution by Module**

Defect Severity Analysis 3 Critical Defects Immediate Action Required 6 Major Defects High Priority 5 Medium Defects Medium Priority 1 Minor Defects Low Priority

## **Defect Severity Analysis**

3 Critical Defects Immediate Action Required 6 Major Defects High Priority 5 Medium Defects Medium Priority 1 Minor Defects Low Priority

3 Critical Defects Immediate Action Required 6 Major Defects High Priority 5 Medium Defects Medium Priority 1 Minor Defects Low Priority

3 Critical Defects Immediate Action Required

3

**Critical Defects** 

Immediate Action Required

6 Major Defects High Priority

6

Major Defects

**High Priority** 

5 Medium Defects Medium Priority

5

Medium Defects

Medium Priority

1 Minor Defects Low Priority

1

Minor Defects

Low Priority

Defect Trend Summary Key Insights Total Defects: 15 defects identified across 9 modules Critical Issues: 3 critical defects require immediate attention Most Affected Module: Authentication with 4 defects Defect Density: 33.3% of test cases resulted in defects Recommendations ■ Critical

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## **Key Insights**

#### Recommendations

Release Decision Release Recommendation 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: Ashish Uniyal Development Lead: Tejsing Wagh Product Owner: GSuppa QA Manager: Dhiraj Barhate Test Engineer: Saikat Ghosh Date: 2025-09-15 Date: 2025-09-15 Date: 2025-09-15

Release Decision Release Recommendation Release Recommendation: REJECTED Comments: Based on test execution results and exit criteria evaluation

#### **Release Decision**

Release Recommendation Release Recommendation: REJECTED Comments: Based on test execution results and exit criteria evaluation

#### **Release Recommendation**

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: Ashish Uniyal Development Lead: Tejsing Wagh Product Owner: GSuppa QA Manager: Dhiraj Barhate Test Engineer: Saikat Ghosh Date: 2025-09-15 Date: 2025-09-15 Date: 2025-09-15

## Sign-Off

Test Team Development Team Product Owner Quality Assurance Test Lead: Ashish Uniyal Development Lead: Tejsing Wagh Product Owner: GSuppa QA Manager: Dhiraj Barhate Test Engineer: Saikat Ghosh Date: 2025-09-15 Date: 2025-09-15 Date: 2025-09-15 Date: 2025-09-15