

Phase 4: Transition

5.13 Test Results

Version 4.0

Revision History

Date	Version	Description	Author
04-10-2023	4.0	Added Test Results	Cathy Zhao
04-03-2023	3.1	Test Result Outline, Test Suites, and Conclusion	Cathy Zhao
04-03-2023	3.0	Introduction, Purpose, Scope, and References	Jessica Tran

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1. Introduction

The Test Result artifact documents the results of software testing activities. It typically includes information about the test environment, test cases, and their outcomes, as well as any issues or defects discovered. Artifacts of test results are critical for tracking testing progress and ensuring the quality of the software under test. They serve as a record of testing activities and a basis for making decisions about the software's readiness for release. In short, a test result artifact is an important part of the software development process that helps to ensure high-quality software.

1.1 Purpose

A purpose of the Test Result artifacts to provide a thorough overview of the testing process, results, and any issues encountered during software testing. It enables stakeholders to assess the quality of the software under test, identify areas for improvement, and make educated decisions about the software's readiness for release. Test result artifacts are a critical tool for developers, testers, project managers, and other stakeholders to assess software quality and ensure that it meets end-user requirements and expectations.

1.2 Scope

The scope of the Test Result artifact for the Login and Authentication, Claim Entry Page, Sales Page, and Reports and Analytics test suites would include a thorough overview of the software testing process and its results. This would include information about the testing methodology, testing environment, and test data. The artifact would also include information about the test suites and cases, such as their purpose, scope, and expected outcomes. The test results would be documented, including pass/fail status, defect identification, and severity and priority levels. An analysis of the overall test results would be provided, ensuring stakeholders are kept up to date on the software's readiness for release.

1.3 References

Artifact: Test Results

2. Test Result Outline

2.1 Test Result Summary

The test result summary provides stakeholders with a high-level overview of the testing process and its outcomes. The summary typically includes information about the number of test cases run, and how many tests have passed or failed. It is an essential communication tool for project

managers and stakeholders to assess the quality of the software and make informed decisions about the software's readiness for release.

2.2 Tests

It documents the test cases, test suites, test results, and reasons of failure for any tests that were unsuccessful, serving as a record of the testing process. The goal of tests is to ensure that the software meets the required quality, functionality, and performance standards, as well as to facilitate effective communication and collaboration among stakeholders involved in the testing process.

3. Test Suites

3.1 Test Summaries

Test Suite	Total Cases	Passed	Failed
Login and Authentication	6	6	0
Claim Entry Page	9	8	1
Sales Page	2	2	0
Reports and Analytics	3	3	0
User Acceptance	5	5	0
Integration	2	2	0
Regression	4	2	2
Security	2	2	0

3.2 Login and Authentication

Test Case	Test Result	Failure Reason
Login with Valid Credentials	Pass	N/A
Login with Invalid Credentials	Pass	N/A
Login with Blank Credentials	Pass	N/A
Password Reset	Pass	N/A

Authentication Timeout	Pass	N/A
Account Lockout	Pass	N/A

3.3 Claim Entry Page

Test Case	Test Result	Failure Reason
New Claim Entry Page	Pass	N/A
Status Update Approved	Pass	N/A
Status Update Rejected	Pass	N/A
Missing Required Field	Pass	N/A
Repair Shop and Customer Information Format	Pass	N/A
Problem Adding and Removing	Fail	Problems entered are not saved in the database
Claim Page Image Upload	Pass	N/A
Claim Amount	Pass	N/A
Claim Expanded View	Pass	N/A

3.4 Sales Page

Test Case	Test Result	Failure Reason
Work Order Form	Pass	N/A
Work Order from Hyperlink	Pass	N/A

3.5 Reports and Analytics

Test Case	Test Result	Failure Reason
Generate Sales Report	Pass	N/A
Export Sales Report	Fail	Data inputted not saved in database, unable to export
View Claim Analytics	Pass	N/A

3.6 User Acceptance

Test Case	Test Result	Failure Reason
Login Functionality	Pass	N/A
Full Claims Access	Pass	N/A
Full Sales Access	Pass	N/A
Full Reports Access	Pass	N/A
Logout Functionality	Pass	N/A

3.7 Integration

Test Case	Test Result	Failure Reason
User successfully logs in	Pass	N/A
User can access all pages from the navigation bar	Pass	N/A

3.8 Regression

Test Case	Test Result	Failure Reason
Access individual claim from all claims page	Pass	N/A
Access individual work order form from all work order forms page	Pass	N/A
Export Claims Report	Fail	Data uploaded does not save to the database therefore there is no data to export
Claims image upload saved	Fail	JavaScript is required for this functionality but is out of scope due to time constraints

3.9 Security

Test Case	Test Result	Failure Reason
Clearance level	Pass	N/A

Browser Compatibility	Pass	N/A
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4. Conclusion

In conclusion, a test result artifact is a vital document that provides a comprehensive view of the software testing process and its outcomes. It is an important part of the software development life cycle because it helps to ensure that the software meets the required quality, functionality, and performance standards. Test result artifacts enable effective communication about the progress and status of testing activities and facilitate collaboration between developers, testers, and other stakeholders. Finally, the effectiveness of the testing process determines the quality of the software and its successful release, and test result artifacts play a critical role in achieving these goals.