

THE 7 SINS FOR APPLICATION QUALITY

Why Continuous Testing Matters

AMBIGUOUS REQUIREMENTS¹

The Sin: Lack of clear requirements leads to rework and delays.

The Salvation: Use requirements based models that capture and test based on requirements rather than code that's developed. Start your in-sprints right.

84%

of respondents surveyed say they spent between **40%-70%** of their time clarifying requirements.

POOR TEST COVERAGE²

The Sin: Testing the wrong areas just creates waste and does not ensure adequate test coverage.

The Salvation: Automatically generate test designs before development. Test only what you need where you need, to lower risk and improve quality.

60%

of IT projects fail as a result of untested parts of a codebase.

FAILURE TO SHIFT LEFT³

The Sin: Not testing early and often enough in the development process leaves it open for failure down the road

The Salvation: Use Open Source based, developer-friendly test automation tools that allows you to test early in the development cycle and at scale direct from the IDE.

50%

of companies surveyed say that their current testing tools are holding back their speed in application delivery.

DELAYS IN TEST ENVIRONMENTS⁴

The Sin: Not providing teams with available systems makes working in parallel difficult and produces higher development costs.

The Salvation: Eliminate the wait by providing complete real world test environments on demand.

80%

of teams experience delays in development and QA due to unavailable dependencies.

MISSING TEST DATA⁵

The Sin: Losing valuable time trying to find or create the right test data.

The Salvation: Eliminate delays and protect sensitive data to meet regulatory requirements with compliant, complete test data on demand.

90%

of organizations believe that the GDPR will impact the way they collect, use and process personal data.

FAILURE TO SHIFT RIGHT⁶

The Sin: Teams have low visibility to the health and performance of code in production.

The Salvation: Monitor and validate quality of code at Production, to fine tune application changes faster, without sacrificing performance.

90%

of surveyed customers lack insights into their digital experience.

NO CONTINUOUS IMPROVEMENT⁷

The Sin: Not delivering continuous feedback and learning once the app is handed off to production.

The Salvation: Leverage actionable insights with ML/AI to prioritize what needs to be tested and find gaps in test plans for continuous improvement.

70%

of siloed digital transformation initiatives will ultimately fail due to insufficient collaboration.

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