

ENSURING SUCCESS BY ASSURING QUALITY

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Let us test the quality with quality in testing

“First in place and best in Quality” is the Adaequare’s dictum. With the rapidly growing software usage in the world, the concern regarding the quality of it is also at a rise. Software testing can help reducing risk and increasing control as well. Our team is able to deliver both reducing risk and increasing control by aligning the testing objectives with the business objectives and thus by increasing the effectiveness of testing. Adaequare facilitates a corporate consensus on testing tasks, priorities and times. Our main goal in testing is not only to test efficiently and realistically but also as thoroughly as possible.

Software quality is one of the most crucial factors to determine the success or failure. Faulty software can cause a serious damage to the business in terms of both Cost and Efficiency. On the other hand good software can be an asset to the organization by increasing overall efficiency and productivity of it. Hence, the software development organization needs to measure the software testing before delivering any product. The key measures of a test are the Completeness and the Quality. To a greater extent lack of standardized quality procedures is the biggest barrier to improving application quality.

It is been recognized for a long time that the close coupling of testers with developers improve both the quality in code and quality in testing. Being one of the believers Adaequare helps building co-ordination among both the developer and tester teams and brings them together to become a tightly knitted team as a whole which enables the team to turn plans into reality.

Planning for testing an application is often challenging as the test progress is frequently unpredictable as the change in requirements/features and schedules occur quite often. *Feature implementation and defects removal should go hand in hand.* The most efficient way of reducing risk and promoting effective execution of business strategy is to start testing early in the software development life cycle and to test continually. Because of which, the quality gap can be filled quickly; hence the product can be released much earlier as the testing is completed soon after the development.

Testing early in the development cycle is more advantageous: identifying and mitigating risks are cheaper, transparency through out the life cycle is possible and release dates are predictable accurately, reusing artifacts for regression is possible, testing skills and methodologies continue to evolve.

Tester's ambition and the extent of change they endorse
are the two things that improve the quality in testing

Our approach of 'testing early' leverages technology instead of allowing it to leverage. It helps reducing the cost of change, increasing the speed of change and also improving the governance of change.

Our core beliefs about software testing are:

- Testing ensures high quality and reliable results
- Testing help in reducing IT costs and project risks
- Testing ensures optimal utilization of resources
- Testing must be managed to be predictable, repeatable and planned
- Testing not only validates the product but also measures the development progress
- Testers need to monitor and help developers to follow the rules/processes and have to protect the customers/end users from bad software

Using in-process metrics which drive improvements help having quality both in product and testing. To successfully manage in-process quality (and therefore the quality of the final deliverables), in-process metrics must be used effectively. We have an integrated approach to project and quality management concerning these metrics, in which quality is managed as importantly as other factors such as schedule, cost, and content. Quality should always be an integral part of the project status report and checkpoint reviews.