TELLIANT™
Intelligent Software. Delivered.

Capabilities
QA and Testing

Why do You Need Independent Testing?

Software Testing is completed to verify whether the actual software product matches expected requirements and to ensure that the software product is Defect free. The competitive market demands that organizations deliver high-performance, scalable, technology-driven applications. These goals can best be realized with Independent Software Testing. A few reasons to opt for independent testing

- ⊘ **Reducing operational spending**
- ⊘ **Ensuring high-performing applications**
- ⊘ **Accessing the best testing expertise**
- ⊘ **Ensuring compliance with regulatory requirements**

Testing Expertise for Unique Types of Applications

There are many types of software testing techniques that you can use to ensure changes to your code work as expected. Telliant can help you decide which testing technique is right for your project.

- ⊘ Technology and software vendor agnostic.
- ⊘ We design, build, and test every type of software developed today.
- ⊘ We tailor solutions to meet any business need
- ⊘ Expert testing team using the latest tools.
- ⊘ Industry-specific testing in Healthcare IT and financial services with compliance and certification expertise

No one-size-fits-all testing strategy exists. So, how can you blend different strategies into one cohesive approach?

⊕ **www.telliant.com**
▢ **(678)-892-2800**
@ **info@telliant.com**

Manual vs Automated for Function, Usability, and Security

There are specific types of testing for different types of needs:

Manual testing requires someone to set up an environment and execute the tests themselves.
Automated tests are performed by a machine that executes a test script that was written in advance.

Acceptance Testing

- ⊘ Runs the entire application, testing is focused on replicating user behaviors.
- ⊘ Validates end-to-end business flow.

End-to-End Testing

- ⊘ Tests software for dependencies, data integrity, and communication with other systems, interfaces and databases.
- ⊘ Validates software with production-like testing scenario.

Functional Testing

- ⊘ Tests each function of the software with appropriate input.
- ⊘ Verifies the output against the functional requirements document.

Integration Testing

- ⊘ Verifies how well different modules or services work together.
- ⊘ Determines the interaction with multiple parts of the application.

Performance Testing

- ⊘ Measures the reliability, speed, scalability, and responsiveness of an application.
- ⊘ Executes a high number of requests to test how a system handles the significant amount of data.

Security Testing

- ⊘ Uncovers vulnerabilities, threats, risks to prevent malicious attacks from intruders
- ⊘ Prevents loss of information, revenue and reputation.

Smoke Testing

- ⊘ Tests the application before or right-after making application live.
- ⊘ Determines the need to run additional tests.

Unit Testing

- ⊘ Tests individual methods, functions of classes, components and modules.
- ⊘ Validates high level functions of the application.

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