TELLIANT ™
Intelligent Software. Delivered.

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Case Study

Testing & Performance Enhancement of Video Management Platform

The Client

The Client is an award-winning video content management system that enables efficient, coordinated, and collaborative media management for small, medium, or large groups or organizations. The video management product is flexible, easy to deploy and support, easy to use, and integrates easily with a wide range of complementary video and Web technologies.

The Challenge

Setting up QA process to find defects in the client's product suite. We employed manual and automated testing for performance enhancement and bug tracking. The client requirements included scalability testing for growth.

The client wanted Telliant to use open-source tools to automate the entire testing process. Initially, the testing process was manual but with our urging the client agreed to convert the testing process into automated test scripts.

⊘ Building a testing solution that was rich in functionality, high on performance, and easy to administer.

⊘ Creating a manual and automated test suite to reduce the cost of testing, improve time to market and capitalize on the emerging opportunities in the industry to improve the user experience.

Technology Environment

Telliant worked with the client to identify/create the most suitable tech-stack for the project to include the following

LANGUAGES

- Java Microsoft
- JavaScript
- AJAX
- C#.Net
- VB.Net
- .NET 4.5
- CSS
- J-Query

PLATFORM

- SQL Server

INTEGRATIONS

- Chrome driver
- Basecamp
- Selenium Webdriver
- Wowza Media Server
- IE Driver
- MS-Excel
- Microsoft TFS

About Us

Telliant Systems, offers a diverse selection of custom software product development services, such as product strategy, software design, application development, QA/Testing, and app management services. Expert teams are available to develop web, enterprise, and mobile app, including iOS and Android development.

Solution Highlights

Quickly addressed client requirements and specifications with a detailed analysis and documentation regarding the performance of their product suite. Manual Tests were initially set up, and then with our recommendation, automated test cases were set and performed as needed to identify performance issues, and bugs within their product suite. We prepared and executed comprehensive product-wide test cases for the entire application to identify any faults in their software.

- ✓ Conducted capability testing on major operating systems (Windows & Mac).

- ✓ Identified GUI issues and addressed them.

- ✓ Automated the entire testing process with Selenium Web driver testing tool.

- ✓ Performed regression testing using automated testing scripts to increase the efficiencies of the application.

- ✓ Created a dynamic and flexible test suite and executed it for all major browsers.

- ✓ Created automated test inputs to be executed on development, staging or production servers as needed.

- ✓ Provided timely, detailed reports to assit developers correct both the UI and functional bugs before the application went into production.