



TELLIANT™
Intelligent Software. Delivered.

Telliant Systems

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Case Study

Quality in Every Play: Automated Testing and QA for Sports Scouting and Recruiting Software

The Client

The client is a leading provider of software solutions for basketball teams and coaches. Their products help coaches organize and share critical information, optimize resources, and improve competitive performance.

Coach Application: Manages scouting reports, playbooks, videos, and more, allowing coaches to create, customize, and share reports quickly with their team.

Recruit Application: Streamlines recruiting by tracking prospects, scheduling tournaments, and managing game results and upcoming schedules.

The Challenge

The client needed to ensure the quality and reliability of their Coach and Recruit applications. With ongoing updates and distributed development, QA support and automation were essential to detect defects early, improve performance, and prevent production issues. Challenges included;

- ✔ Need for comprehensive QA support for both Coach and Recruit applications.
- ✔ Identifying defects and errors introduced during development.
- ✔ Ensuring effective software performance and reliability for end users.
- ✔ Supporting testing for feature enhancements to meet quality standards.
- ✔ Maintaining high product quality and avoiding production disruptions.
- ✔ Implementing an automation framework to convert manual tests for efficiency and reliability.





Technology Environment

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

LANGUAGES

- Angular 7
- Hibernate
- Java 11 (Spring Boot)

PLATFORM

- AWS Elastic Beanstalk
- RDS MS
- Docker

INTEGRATION

- Katalon Studio with Appium
- Postman
- JIRA & Confluence
- Jenkins
- Bitbucket
- Synergy

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 application management services. Expert teams are available to develop web, enterprise, and mobile applications, including iOS and Android development.

Solution Highlights

Telliant enhanced the Coach and Recruit Applications by streamlining team management, scouting, game strategy, and video sharing, providing coaches with tools to efficiently prepare and manage players and opponents.

- ✓ **Coach Application:** Streamlined team management with dashboards, schedules, rosters, and self-scout tools.
- ✓ **My Opponents:** View opponent teams, schedules, stats, and full game videos.
- ✓ **Scouts:** Manage opponent, self, and player scouting reports; supports offline access, templates, and archiving.
- ✓ **Plays & Playbooks:** Create plays, organize into playbooks, export or print for team use.
- ✓ **Videos:** Add and share videos from local or third-party sources across the mobile app.
- ✓ **Recruit Application:** Manage recruiting with draft boards, schedules, and a recruits database.

Insights and Results

Through its partnership with Telliant, the client boosted the performance, scalability, and features of the Coach and Recruit applications. Improved QA and automation elevated quality, sped up releases, and enabled key sports and recruiting enhancements.

- ✓ Application stability improved by 40%
- ✓ Production defects reduced by 30%
- ✓ Release cycles accelerated 2×
- ✓ New feature adoption increased by 25%

