crowdar & SPORTSVISIO

Testing the leading IA Sports Stats tracking tool

THE COMPANY: SportsVisio

SportsVisio stands as the world's premier consumer-grade sports product, harnessing the revolutionary capabilities of artificial intelligence (AI) and advanced computer vision. Through Sports Visio, players, parents, and coaches are empowered to delve into on-court performance, effortlessly accessing highlights and stats that encapsulate key moments through video. Unlike anything else on the market, the stat tracking app presents all statistics as 10-second highlight clips within the SV Hoops app.

SportsVisio redefines basketball analytics, offering unparalleled insights into school basketball games, utilizing AI and advanced computer vision technology to extract key stats.

THE CHALLENGE

SportsVisio approached us with a **challenge**, seeking our expertise to devise a solution tailored to their specific needs. Their initial request involved crafting a budget proposal for **establishing a Testing Team capable of executing regression tests on their mobile app (Android/iOS) and web application**. Additionally, SportsVisio enlisted our help in implementing a comprehensive **QA coaching** process for their development teams, which consisted of 10 individuals.

The challenge involved difficulties in replicating all reported bugs and gathering comprehensive bug data. Covering most necessary test cases posed a complex task. Furthermore, there was a specific requirement to execute border scenarios, simulating real production issues such as battery outage and interruptions during recording.

In essence, SportsVisio's challenge revolved around optimizing their testing processes, enhancing bug replication capabilities, and resolving data integrity issues. The ultimate objective was to strengthen the reliability and performance of their applications within the constraints of their existing operational environment.

THE SOLUTION

We tackled **SportsVisio's** challenge by providing a comprehensive solution tailored to their needs. Our team, comprising a Functional Tester and a QA Manager, seamlessly integrated into **SportsVisio's** internal structure.

The Functional Tester devised test scenarios in **Gherkin** to streamline automation, while adherence to the **Shift-Left methodology** ensured early issue identification and resolution. Additionally, **mock-ups** were developed to facilitate testing during the construction phase, **adopting a proactive approach to quality assurance**. Detailed documentation of results and defects followed predefined protocols, enabling real-time reporting and contributing to the **standardization of methodologies, progress reports, automations, and simulators**.

Continuous improvement remained a central focus, with the **QA Team providing quality ideas and strategies to enhance processes**.

> *"Crowdar's responsiveness and delivery of high-quality candidates surpass that of other recruiting firms we have engaged with, demonstrating exceptional expertise in understanding and sourcing for specialized roles to meet our requirements."*
>
> **Dan Oblinger**
> **CTO| SportsVisio**

HIGHLIGHTS
Setting: Functional Testing, QA Coaching.
Team: 1 Tester full-time, 1 QA Lead part time.