



Evolving App Performance Excellence

SUMMARY

Initially tasked with developing a 2.0 version of an existing app, the project quickly evolved. Upon a critical demo request, the Source Allies team shifted focus to optimizing APIs and backend systems, significantly improving performance on the 1.0 app version. This success led to expanded responsibilities, including maintaining the existing 1.0 app and progressing towards feature parity with the 2.0 version, meeting stakeholder expectations at each step through iterative development cycles. Proactive problem-solving and team flexibility enabled Source Allies to deliver sustainable improvements while handling evolving project demands and technical complexities.

CHALLENGE

The project faced several challenges, including integrating disparate systems and managing evolving project scope, as well as real-time data synchronization requirements across multiple devices under variable network conditions. Supporting diverse hardware features and managing cross-platform compatibility added additional layers of complexity. Tight timeframes required agile delivery adjustments without compromising overall project integrity.

SOLUTION

Despite initial challenges, the project achieved significant improvements and efficiencies. By consolidating responsibilities and integrating various APIs, our team optimized backend systems and enhanced overall app performance. Technical challenges, including real-time data synchronization and cross-platform compatibility were addressed, ensuring robust performance across different devices and operating environments.

RESULTS

99.7%

Reduction in database calls from 3000 to 10

**Critical
Call Time
Reduction**

Achieved ~92%, 90%, 30%, and 20% call time reduction in top customer-facing app functions