

# Enhancing Viewing Experience

of users on GSH Streaming to let them enjoy live sports events.

## Summary

We analyzed the loopholes thoroughly and factored in leading tools and technologies to make the streaming experience more enhanced for end-users. Our team executed the plan according to the requirements and incorporated the updates essential for the desired outcome.

## Industry

Media & Entertainment

## Users

Sport lovers

## Technologies

Android(Java)

VPN

## Team Members

Developers:

Backend (1), Frontend (1),

Android (1)

## Challenges

Being a leading network provider of live sports events in the USA, our client's streaming platform had the following challenges we had to look into to enhance user experiences:

- No support for ac3 and aac formats
- No support for several video formats
- Add focus to every view on a TV interface.
- VPN integration missing

## Solution

In this project, we got together a team of 3 Android developers comprising a manager, a mentor, and a full-time developer. As a part of your solution, we did the following to help the client achieve the end-result:

- Provided FFmpeg extensions
- Enabled support for different video formats through Media Source
- Designed layout specific for Android and Fire TV
- Used third-party library for VPN integration

## Result

Our solution improved the client's streaming platform's performance by adding the missing support for audio and video. We managed to increase the accessibility of the platform thus, resulting in increased popularity and revenue.