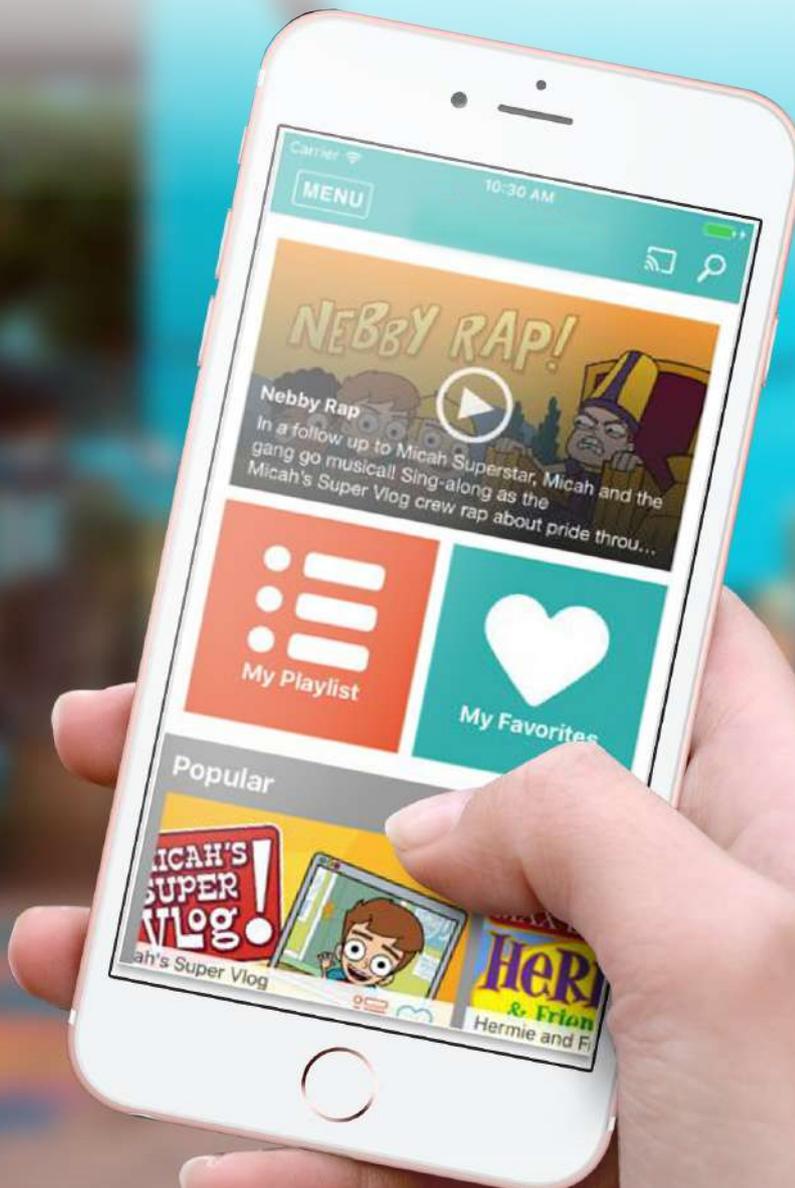Christian streaming video app designed specifically for kids. It is subscription video on demand (SVOD) service, providing access to content via web, iOS, Android, and Roku platforms.

Christian streaming video app

Challenge

Our customer previously developed an application for iOS, Android, and Roku platforms. However, this application required the development of new features, as well as optimization and refactoring of the code.

The customer also decided to develop an application for Apple tvOS and Amazon FireOS platforms.

The company contacted us for the development. **They asked us to:**

1. Add updates and deploy them to all existing platforms.

2. Make enhancements and to add and deploy new features.

3. Launch Apple tvOS and Amazon FireOS apps.

Solution

For the iOS, Android, and Roku platforms we developed such features as:

- Google Analytics for event tracking

- Mixpanel integration to capture play events

- Ability to "cast" videos via Chromecast

- Have videos in series and playlist views play continuously

- Auto removal of video from playlist once watched

- Ability to rearrange the order of videos in playlist or favorites

- Ability to start video from previously ended position from another device assuming the video is not completed, cross device resume (XDR)

Our team also developed Apple tvOS and Amazon FireOS apps from scratch.

Key Features

👤 user-friendly interface

⭐ ability to arrange videos by various ratings (favorite, new, popular)

▶️ streaming videos and movies

Technologies Used

iOS:

Objective-C
REST
Google Analytics
Flurry, Mixpanel
In-App Purchases
Keychain
custom player with AVKit
HLS
Chromecast streaming
MessageUI
QuartzCore

Android:

Android SDK
Google Play
Services
ChromeCast SDK
Exoplayer
Mixpanel
Google Analytics
Flurry Analytics

tvOS

tvOS:

Swift
REST
Google Analytics
Keychain
Mixpanel
TV Services Extension
custom player with AVKit
HLS

fireTV

FireTV:

Leanback
Library
Retrofit
RxJava
Dagger 2
Exoplayer
Flurry Analytics