

Introduction

The digital landscape of entertainment is evolving, with an increasing demand for on-demand access to movies and videos. To meet this demand, our project aims to create a cutting-edge Virtual Cinema Platform powered by IBM Cloud Video Streaming. The core objective is to provide a user-friendly platform where individuals can effortlessly upload and stream their favorite movies and videos in a virtual cinema setting, enhancing the at-home cinematic experience.

Project Scope:

- This step involves clarifying the specific objectives and boundaries of the project. It's essential to determine what the Virtual Cinema Platform will offer and what features and functionalities it will include. For example, you might decide to include user registration, video upload, on-demand streaming, and interactive features like user reviews.

Features:

The basic features like pause, play, rewind, and forward are included. In addition, the upload feature is included.

Streaming Service :

IBM Cloud Video Streaming Services:

- **IBM Video Streaming:** This service provides a cloud-based platform for delivering live and on-demand video content. It includes features like video delivery, content management, monetization options, and analytics.
- **IBM Video Streaming API:** Developers can use APIs to integrate video streaming capabilities into their applications and services, enabling custom video solutions.

Integrating Service :

- Configuring my media streamer (e.g., OBS - Open Broadcaster Software) to use the RTMP URL and stream key provided by IBM Cloud Video Streaming.

Conclusion

In summary, our project endeavors to create a Virtual Cinema Platform that not only embraces the convenience of on-demand streaming but also elevates it to a cinematic art form. By combining innovative

technology with user-centric design principles, we aspire to redefine the digital cinema experience, making it accessible and enjoyable for all.