

# Media Streaming with IBM Cloud Video Streaming

## Introduction:

Media streaming through IBM Cloud represents the use of cloud technology to deliver efficient and scalable distribution of media, such as video and audio. IBM Cloud's infrastructure, security features, and customization options provide businesses and content providers with the tools to deliver high-quality, seamless media experiences to a global audience.

## Description About My Project:

### Building a Virtual Cinema Platform with IBM Cloud Video Streaming:

Our project focuses on creating an immersive virtual cinema platform using IBM Cloud Video Streaming. Objectives include offering convenience, high-quality streaming, social interactions, venue choices, scheduled events, and user personalization. IBM Cloud Video Streaming was chosen for its reliability, scalability, security, and customization capabilities, setting the stage for a unique and engaging virtual cinema experience.

## Defining the Platform's Features:

Our virtual cinema platform comes equipped with several exciting features:

1. Extensive Video Library: A vast collection of Video across genres.
2. High-Quality Streaming: HD video and audio for an immersive experience.
3. Virtual Cinema Halls: Choose your cinema setting for each Video.
4. Scheduled Events: Enjoy premieres and special screenings.
5. Customizable Avatars: Personalize your virtual presence.
6. Reviews and Ratings: Share your thoughts and discover new favorites.

## Setting Up User Registration and Authentication:

- To ensure secure access to our platform, we have implemented a user registration and authentication system. This process involves:
- User Registration: Users must create an account by providing their email and setting a password. This step helps us verify their identity.
- Email Verification: After registration, an email confirmation link is sent to the user. This ensures that the provided email address is valid.
- Two-Factor Authentication (2FA): While optional, we strongly recommend enabling 2FA for added security. It requires users to provide a secondary verification method, such as a code sent to their mobile device.
- Privacy Settings: Users can control their account and viewing privacy, allowing them to adjust who can see their activity.
- Password Reset: In case users forget their password, we have a secure process in place to help them reset it.

## About Profile:

In the "My Profile" section, users have the ability to customize their account with ease. This includes the option to update their username, allowing for a unique and recognizable presence on the platform. Users can also manage their email address, ensuring they receive essential notifications and account-related information. This user-centric approach empowers individuals to tailor the experience and maintain control over their account details, enhancing their overall satisfaction with the platform.



