MEDIA STREAMING WITH IBM CLOUD VIDEO STREAM

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DOMAIN

CLOUD APPLICATION DEVELOPMENT

PROBLEM STATEMENT

Create a virtual cinema platform using IBM cloud streaming.upload and stream your favourite movies and videos on-demand.share the joy of movies nights with friends and family,no matter are they are located.elevate the movies —watching experience with seamless streaming and high-quality video playback for a truly immersive cinematic experienced.

ABSTRACT

- A scalable, cloud-based online video platform that is an end-to-end solution for live or on-demand content to external audiences.

- Managed from a dashboard by account administrators IBM Video Streaming supports both ease-of-use and complex setups while being able to scale through built-In multi CDN support.

- This solution is used for employee communications; commercial or academic or public service virtual conferences; commercial promotion; other entertainment; or other virtual services or events.

GENERAL STEPS TO SET UP A PLATFORM

1. Sign up for IBM Cloud

2. Access IBM Cloud Video Streaming

3. Create Channels

4. Upload Content

5. Configure Settings

6. Invite Friends and Family

7. Schedule Movie Nights

8. Enjoy Movie Nights

9. Interact

10. Monitor and Improve

MODULES

1. User Authentication and Management:

2. Content Management:

3. Streaming and Video Playback:

4. Invitations and Sharing:

5. Notifications and Reminders

6. Security and Compliance

7. Admin Panel

8. Customer Support Center:

9. Integration with IBM Cloud Video Streaming:

PROJECT FLOW

1. Sign Up and Set Up Your Account
2. Create a Channel
3. Configure Streaming Settings
4. Upload Your Media
5. Generate Embed Code
6. Implement Player on Your Website or App
7. Test Your Stream
8. Engage Viewers
9. View Analytics and Insights
10. Manage Content and channels
11. Scale Your Streaming
12. Monitor and Maintain
13. Customize as Needed

CONCLUSION

- In summary, this project aims to create a virtual cinema platform using IBM Cloud Video Streaming to unite movie enthusiasts, allowing them to share their favorite films with friends and family across distances. It prioritizes high-quality video playback, interactive features, and compliance with legal regulations. The platform's success depends on user engagement, effective marketing, and continuous improvement to enhance the movie-watching experience for all.