

**College code: 5113**

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**CLOUD APPLICATION DEVELOPMENT**

**PROJECT 10: Media Streaming with IBM Cloud Video Streaming**

**INTRODUCTION:**

**Phase 4:**

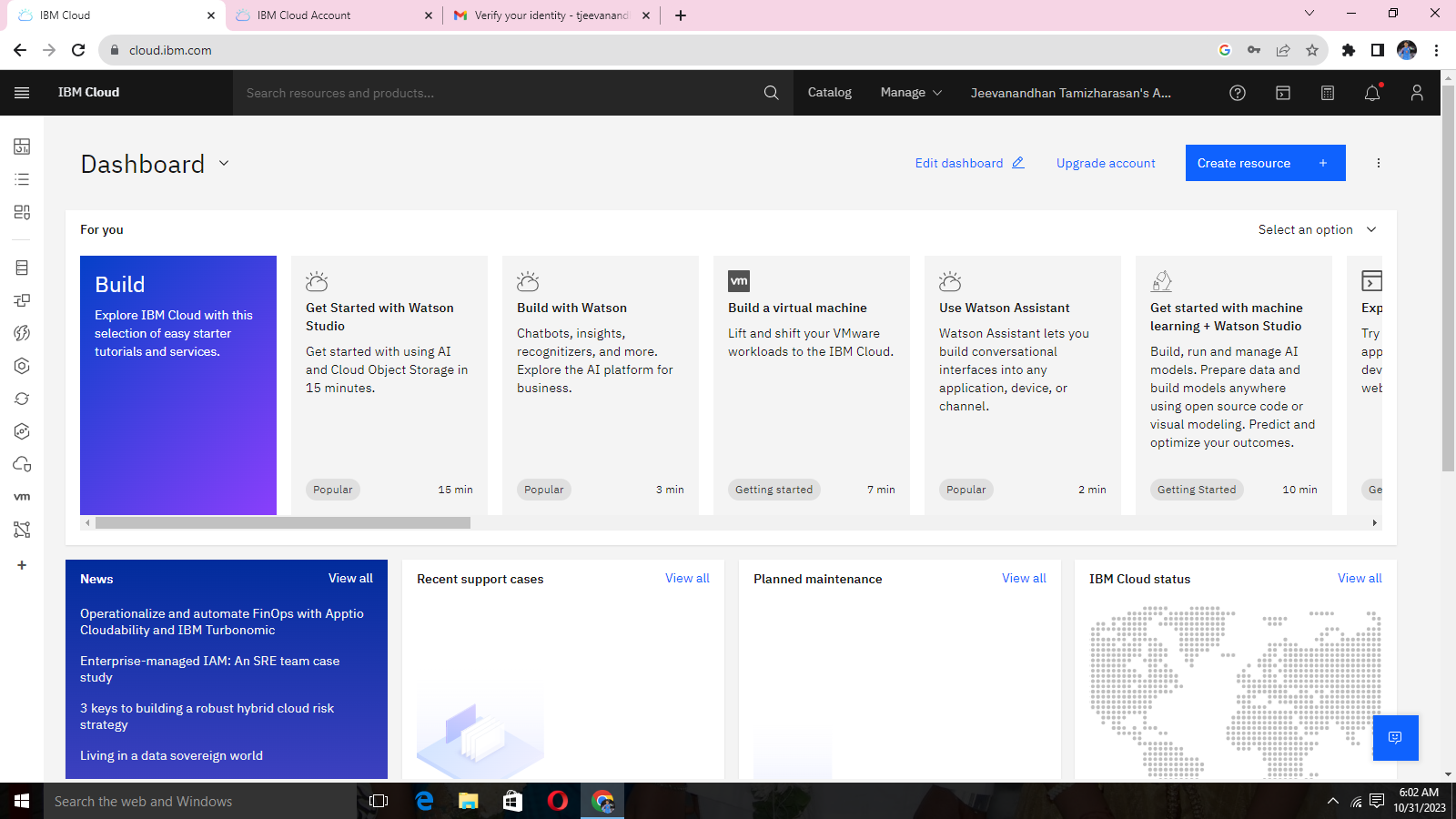
.  Continue building the platform by integrating video streaming services and enabling on-demand playback.

By implement the functionality for users to upload their movies and videos to the platform.

Integrate IBM Cloud Video Streaming services to enable smooth and high-quality video playback.

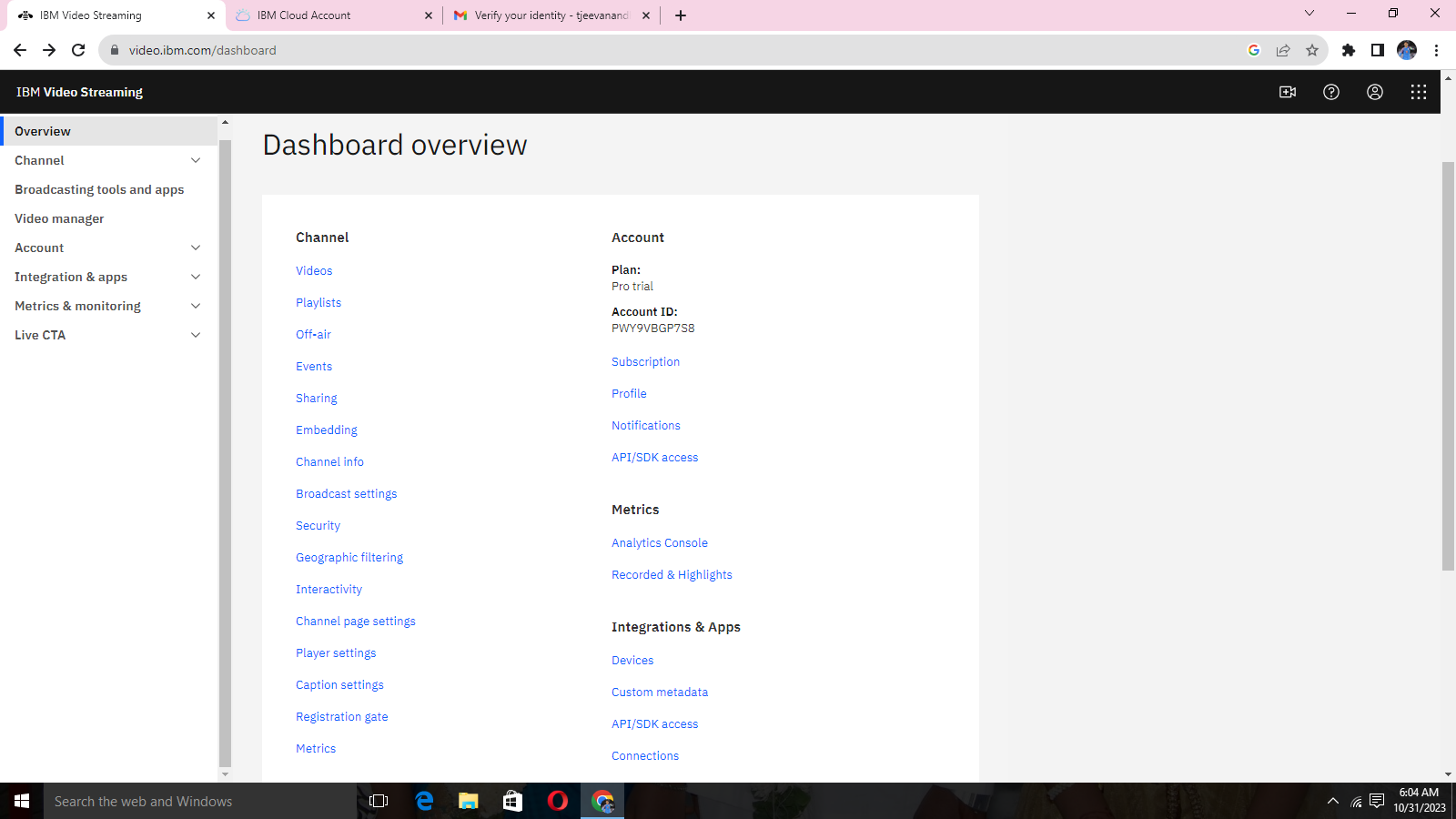
**STEP 1:**

**\*Login our IBM CLOUD ACCOUNT**

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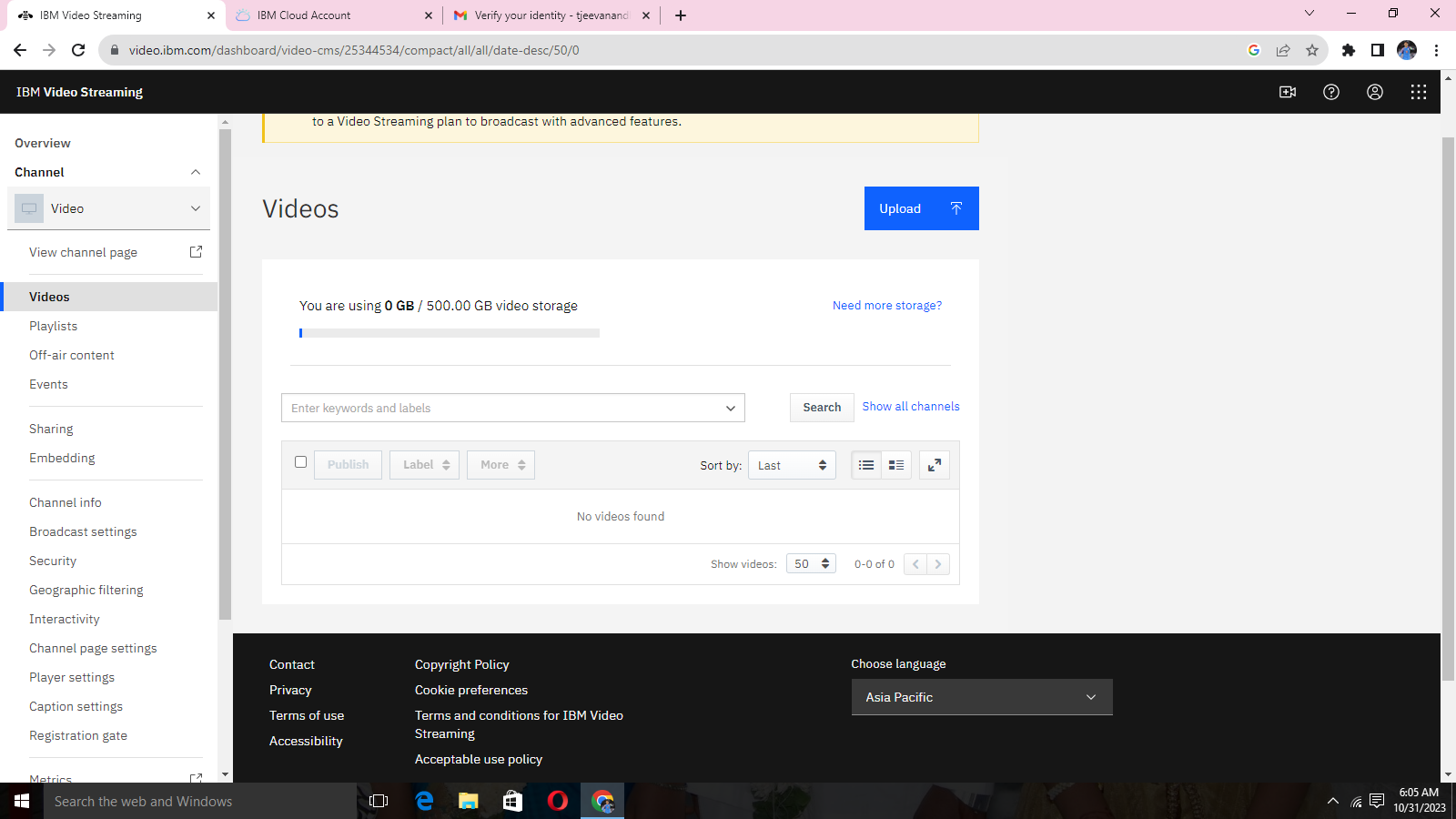
**STEP 2:**

**\*Overview of Dashboard**

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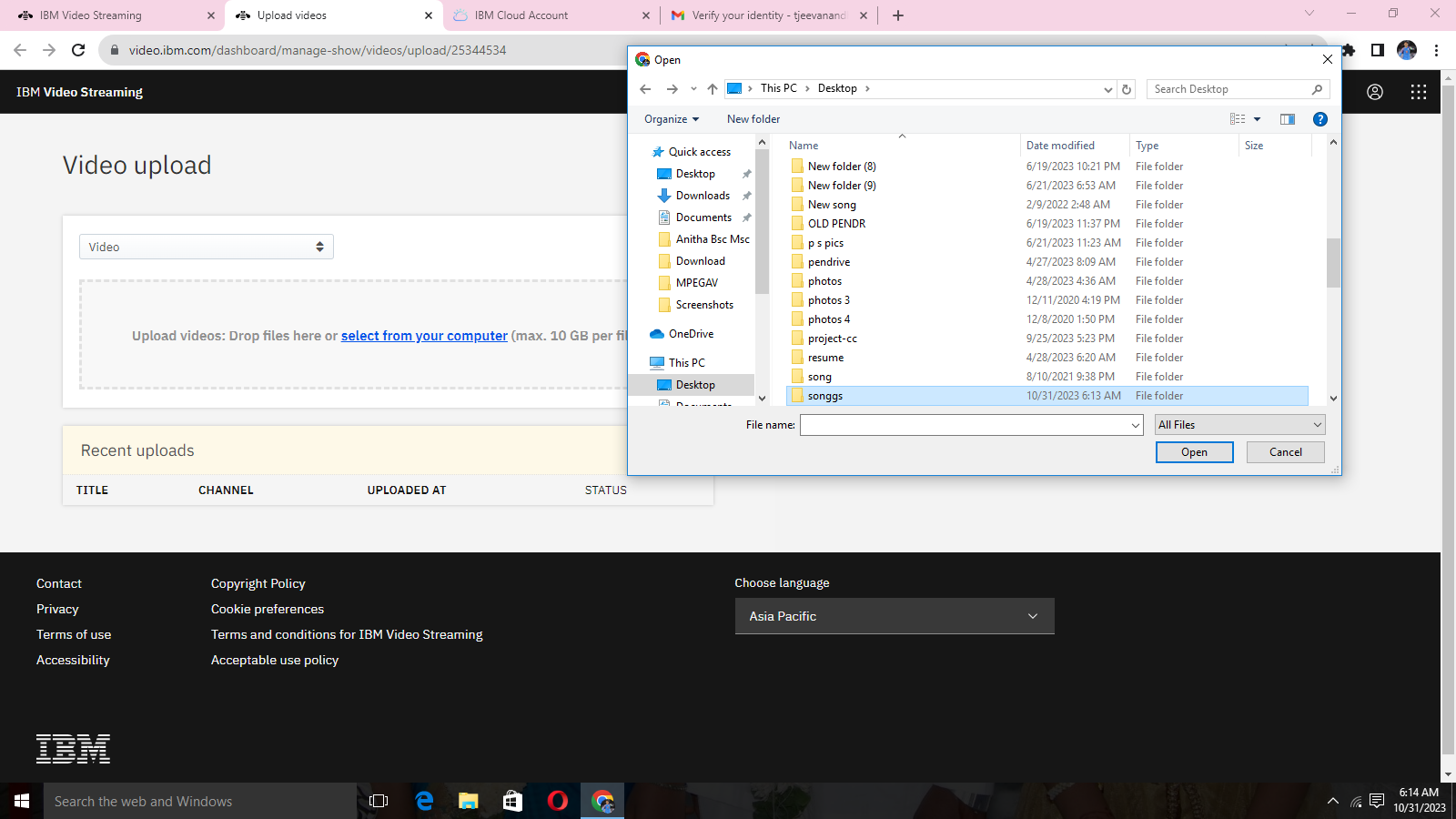
**STEP 3:**

**\*video uploading option**

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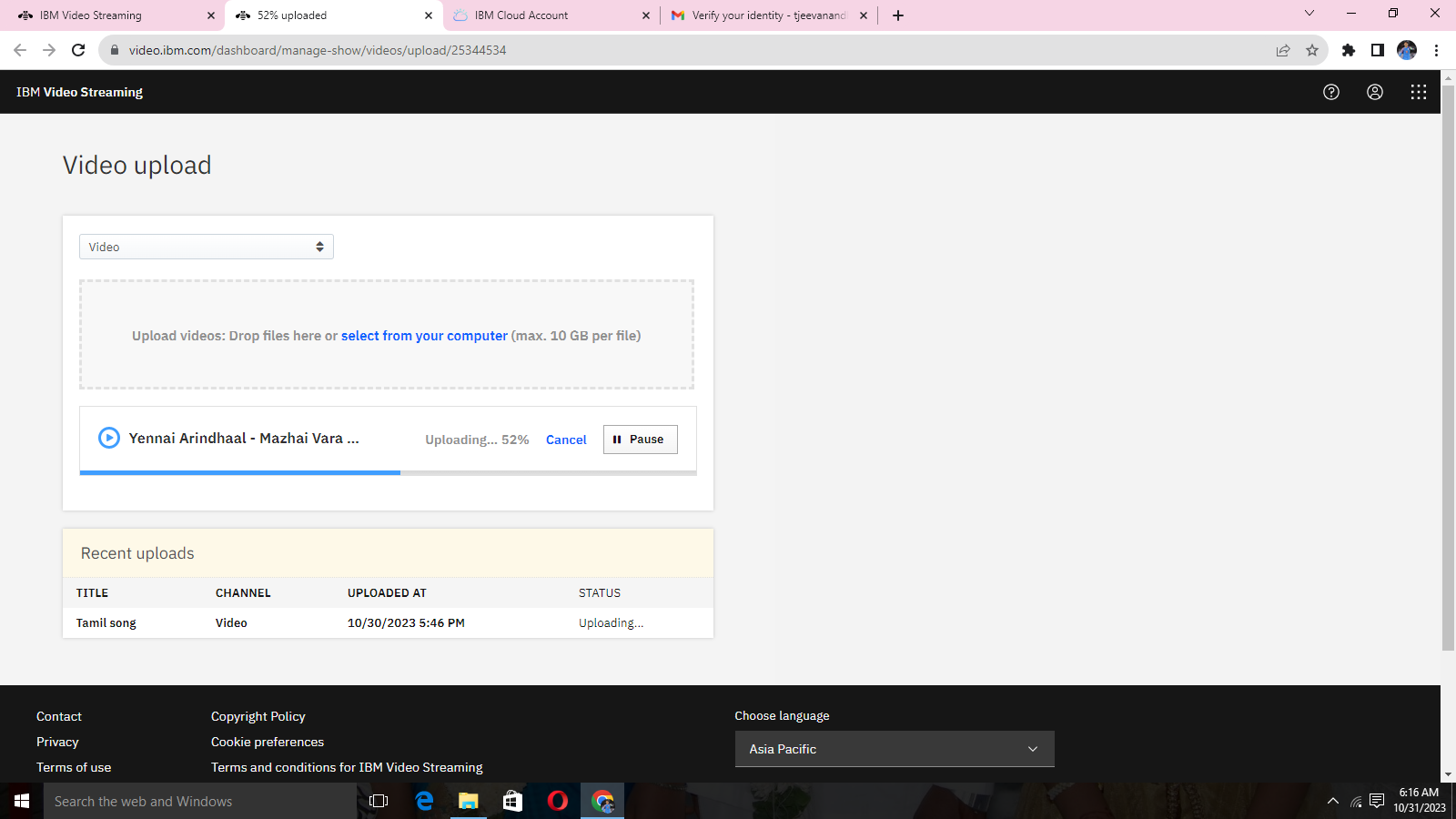
**STEP 4:**

**\*Select the file or video to be uploaded.**



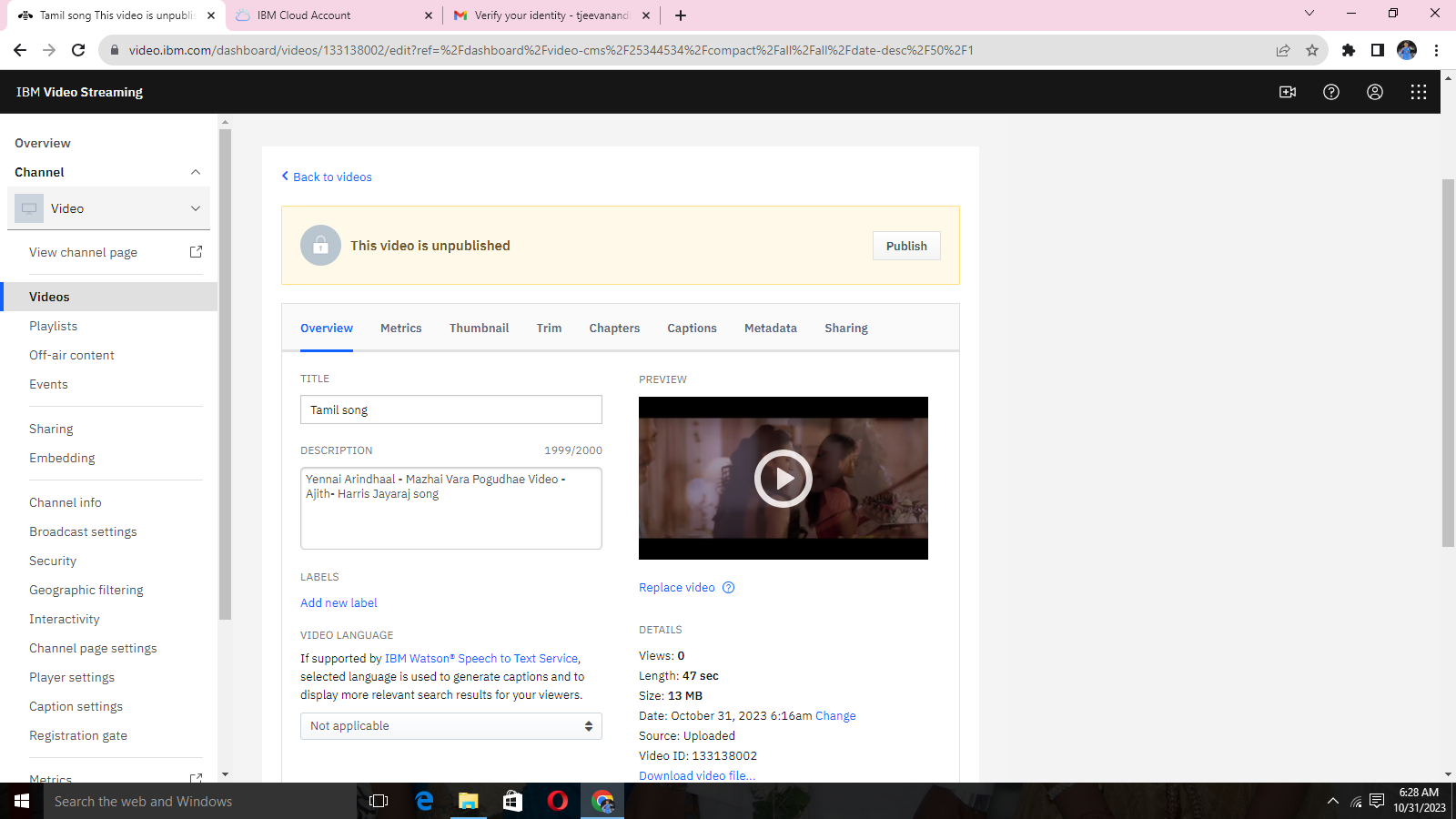
**STEP 5:**

**\*Upload of video on process.**



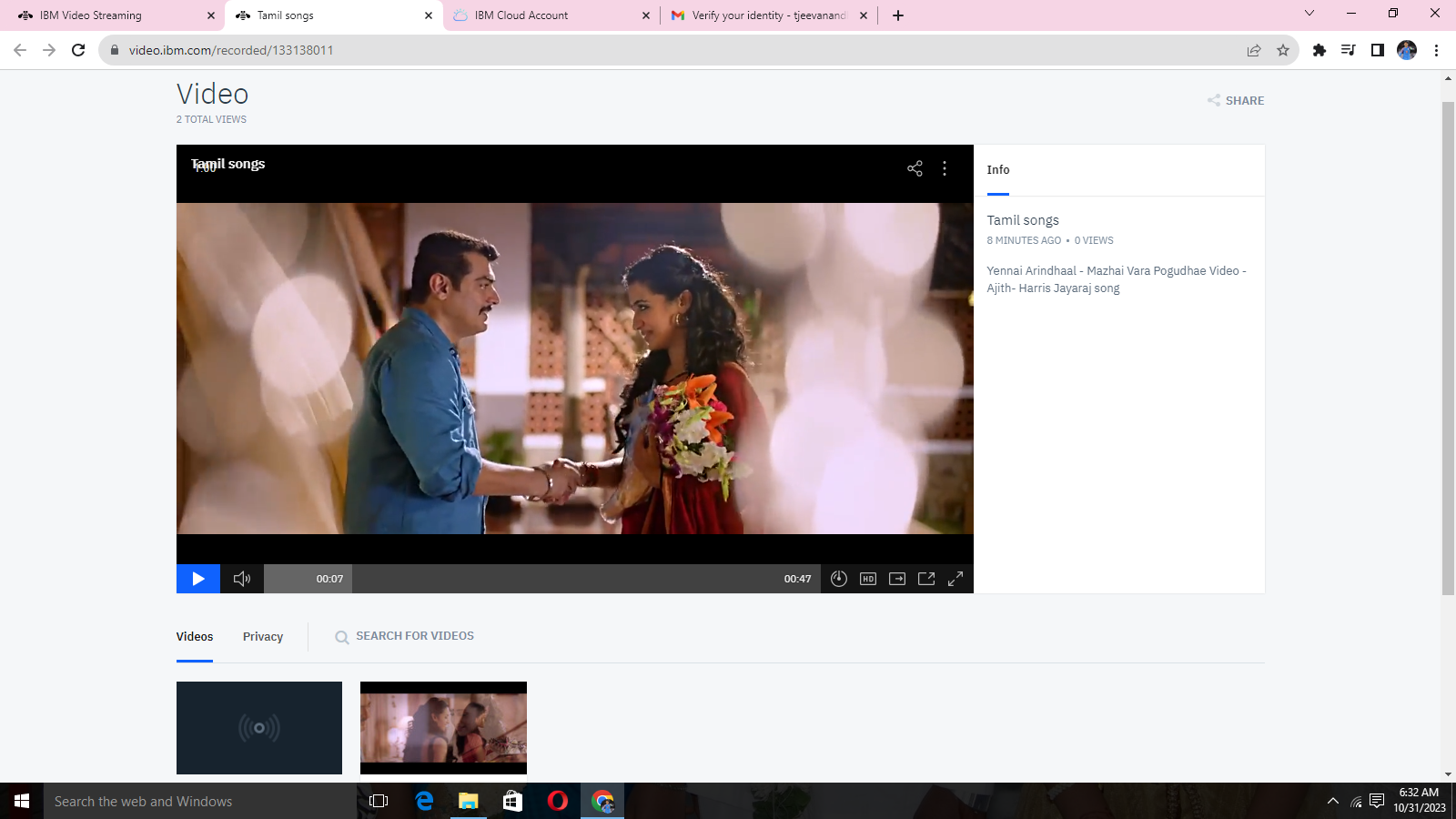
**STEP 6:**

**Video description with proper topic name.**



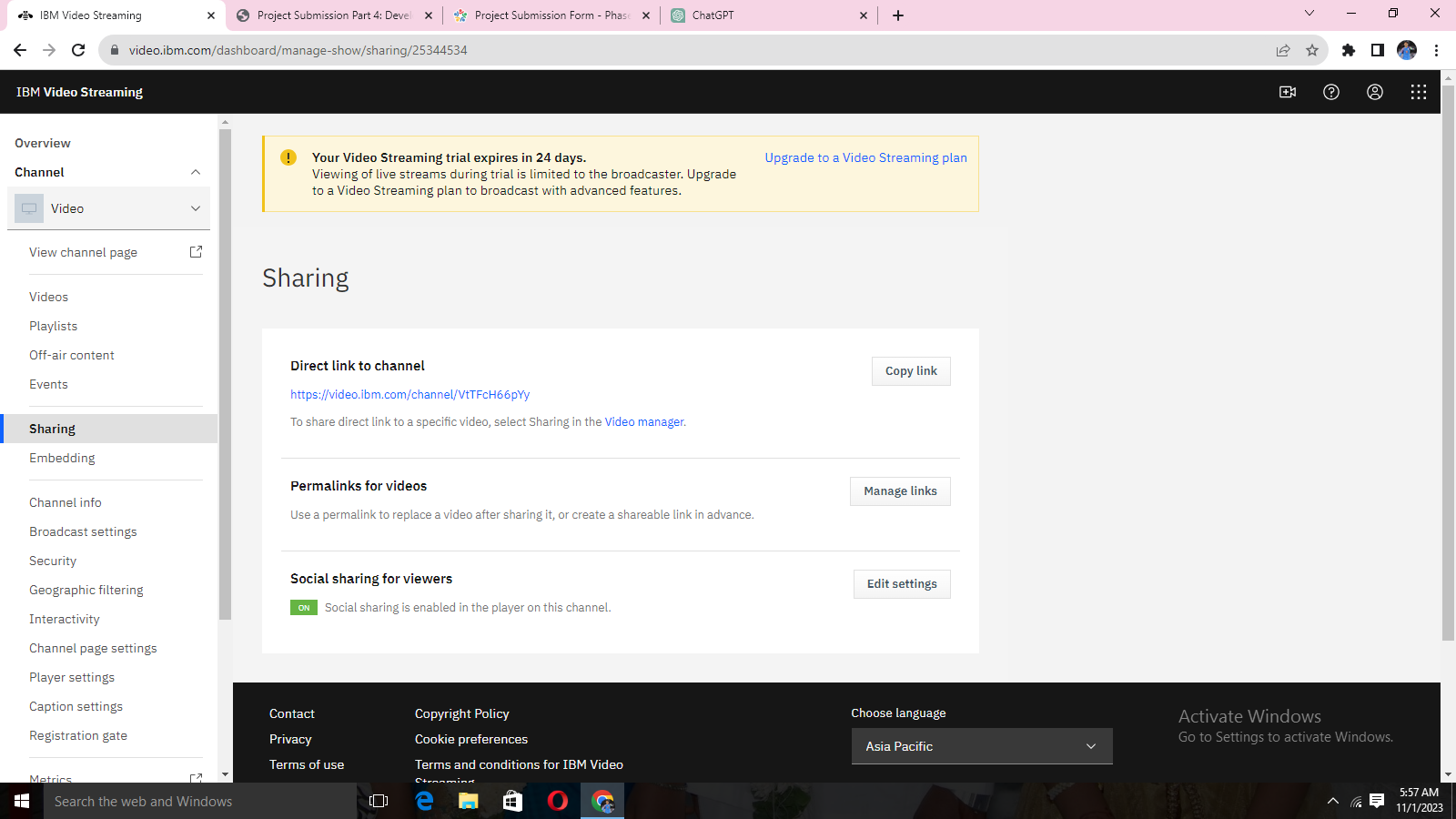
**STEP 7:**

**\*Video information about all the video uploaded information.**

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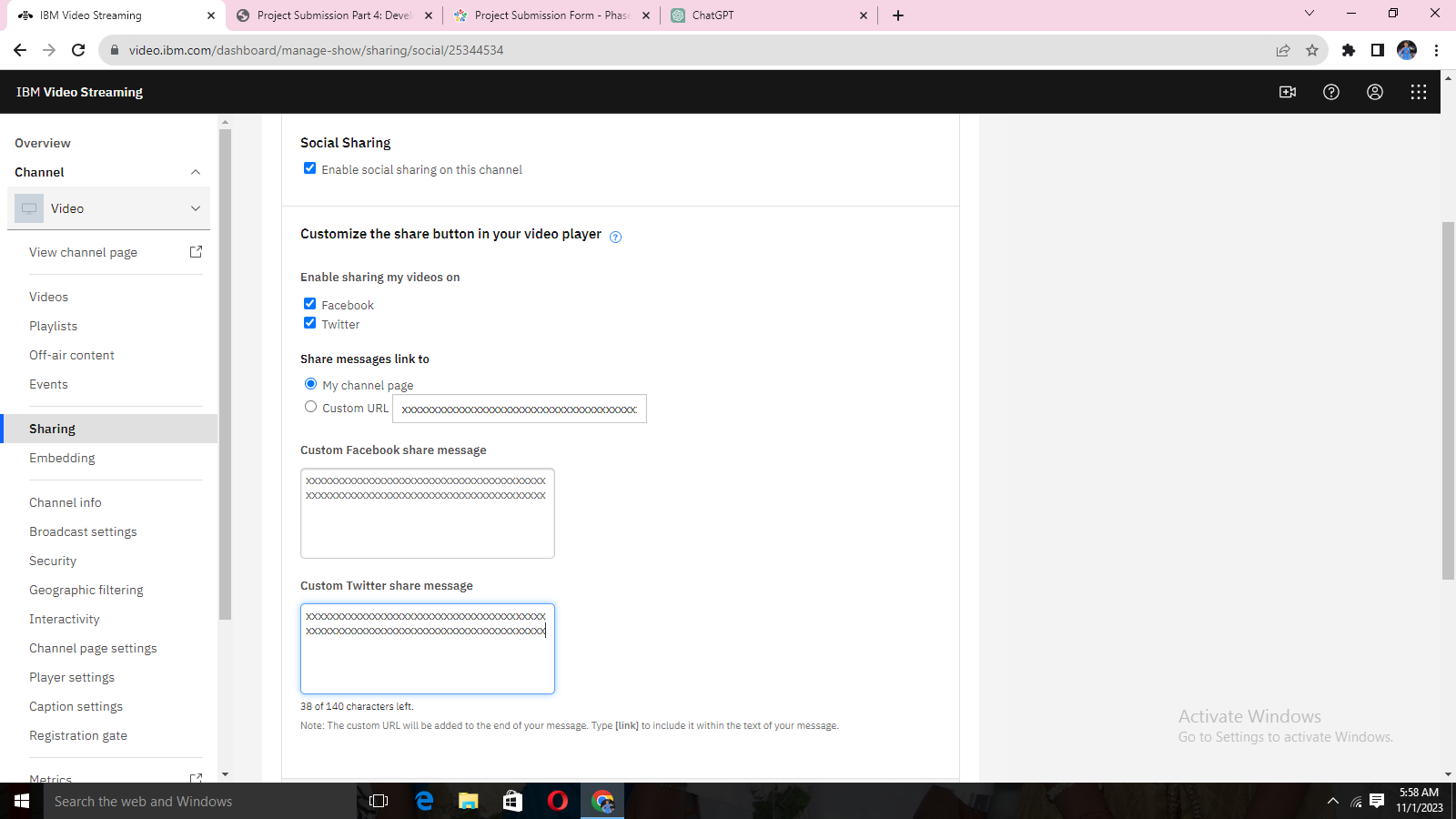
**STEP 8:**

**\*Sharing the direct link to the channel**

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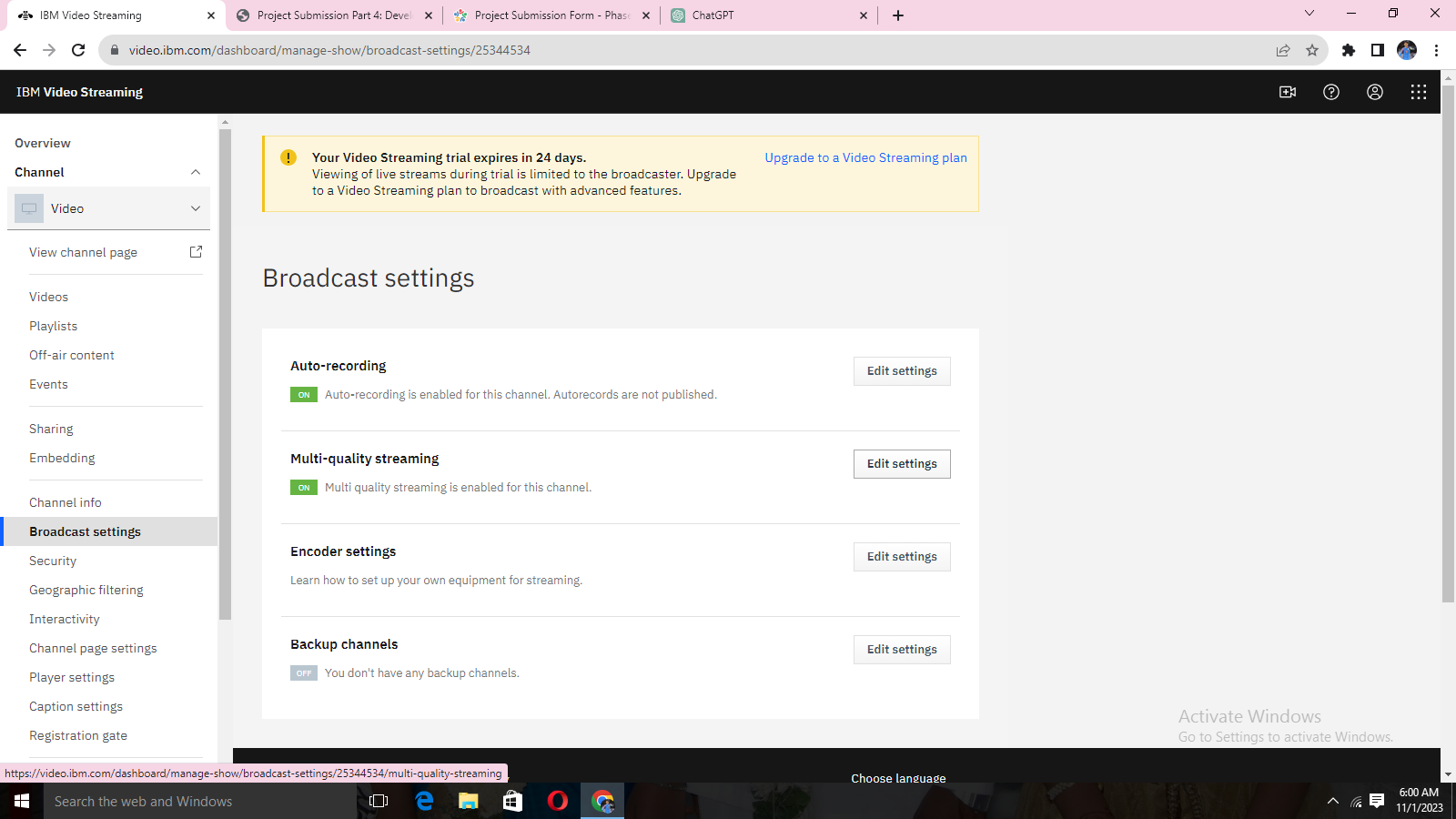
**STEP 9:**

**\*customize the sharing button in your video player.**

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**STEP 10:**

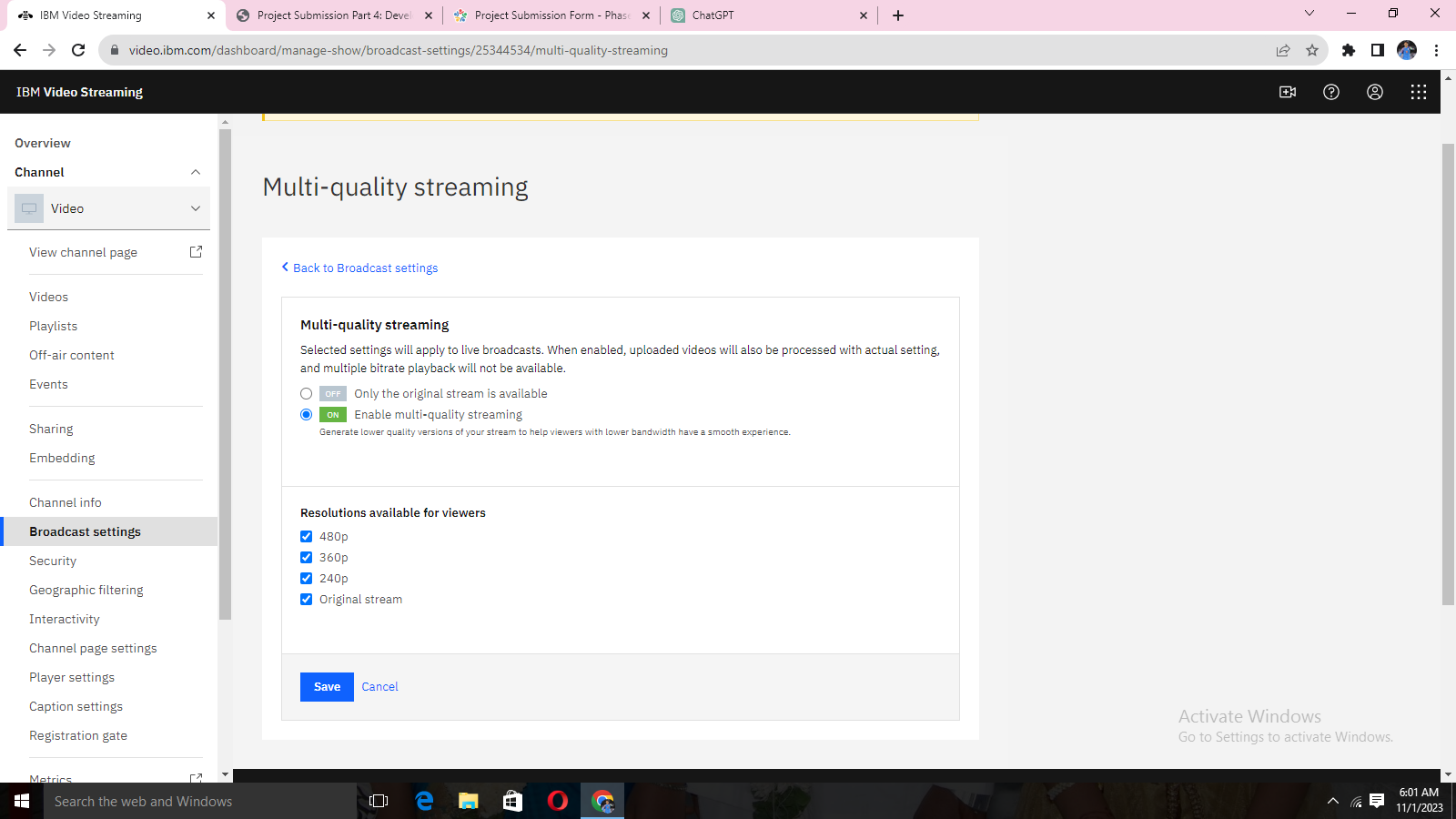
**\*Broadcast setting in auto-recording, multi-quality streaming end encoder setting will be performed.**

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**STEP 11:**

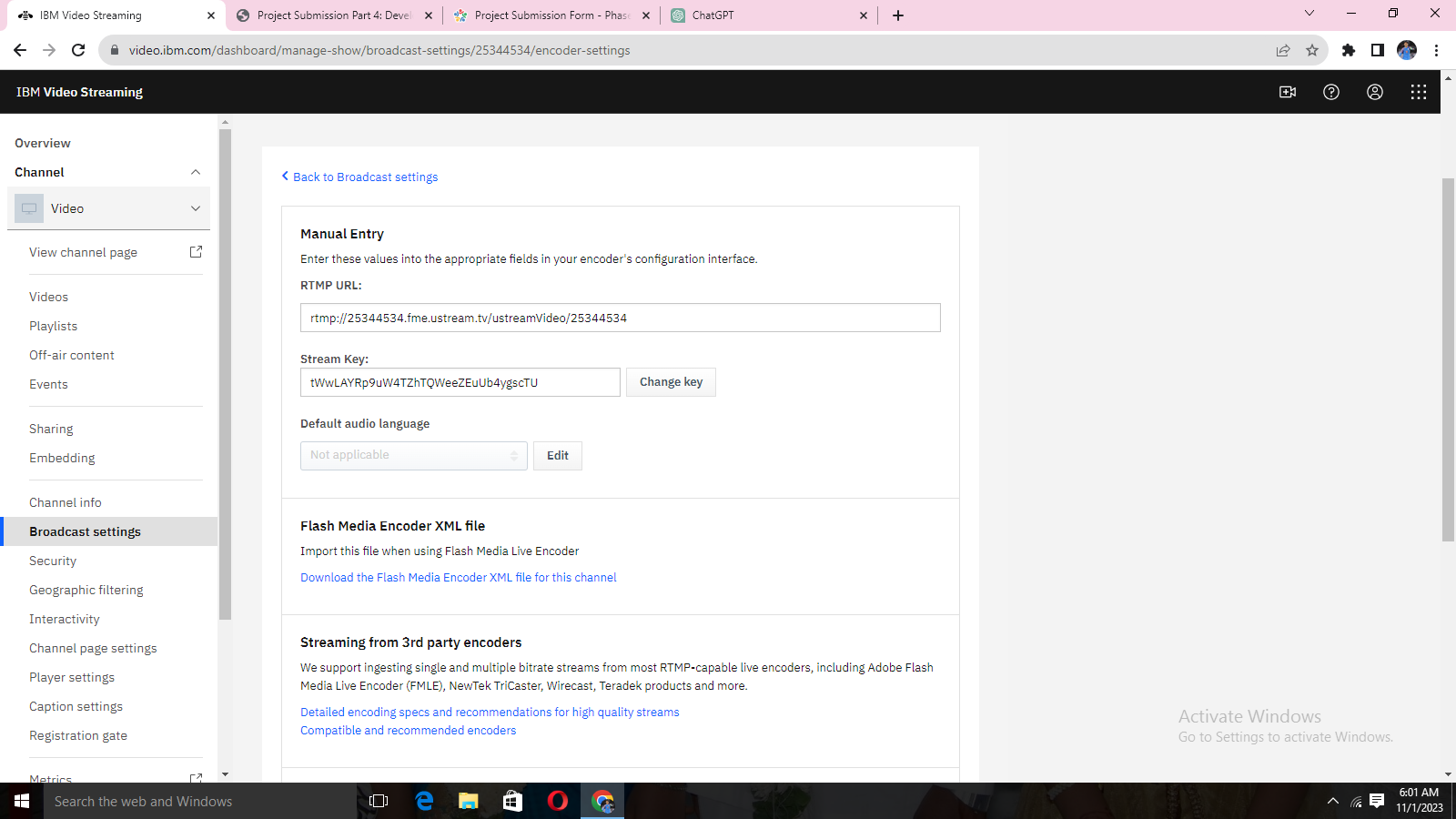
**\*Multi-quality streaming will apply to live broadcasts. When uploaded videos will also be processed with actual setting.**

**\*for the resolutions available for viewers**

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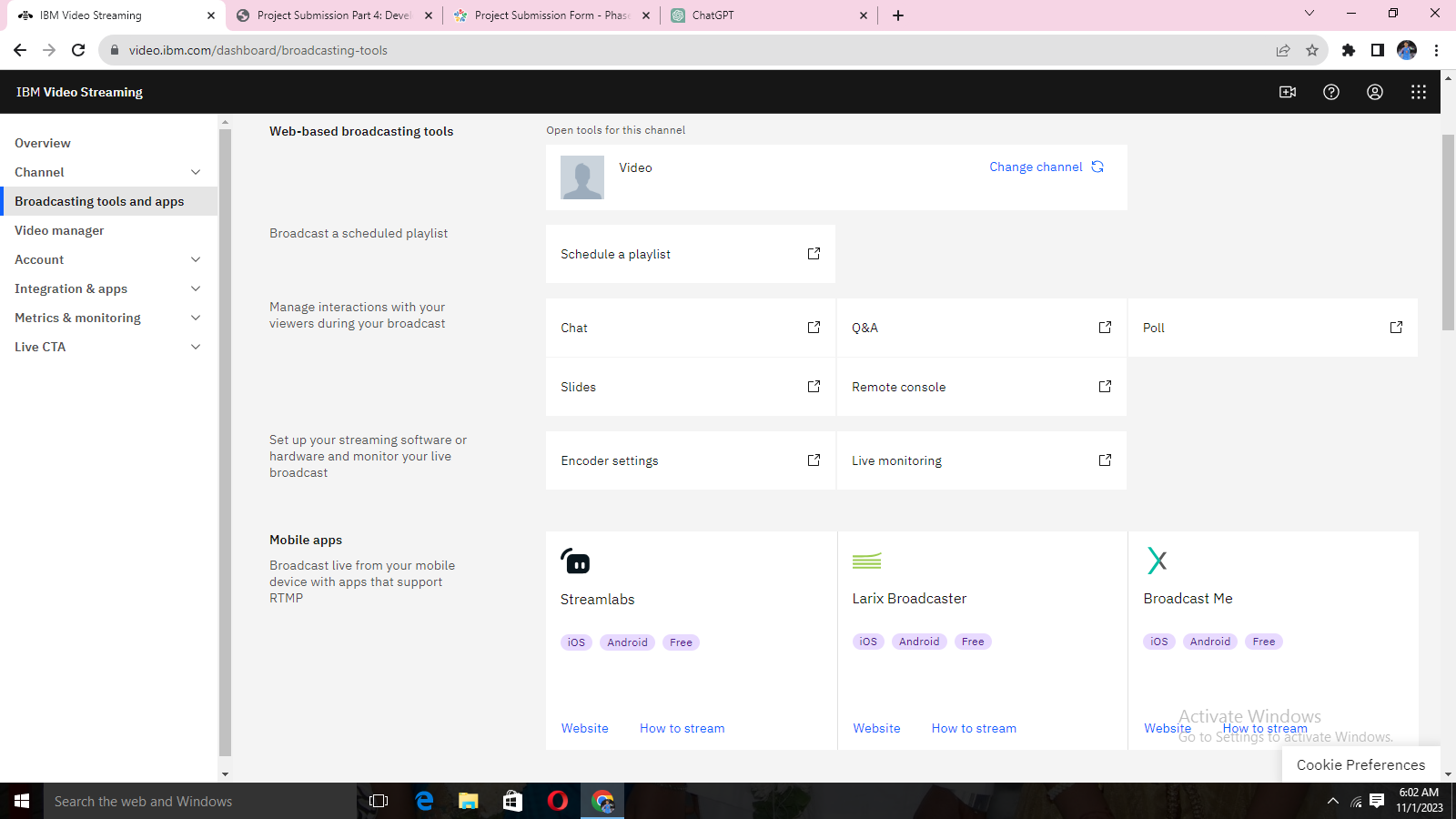
**STEEP 12:**

**\*Manual entry where values into the appropriate fields in your encoder’s configuration interface.**

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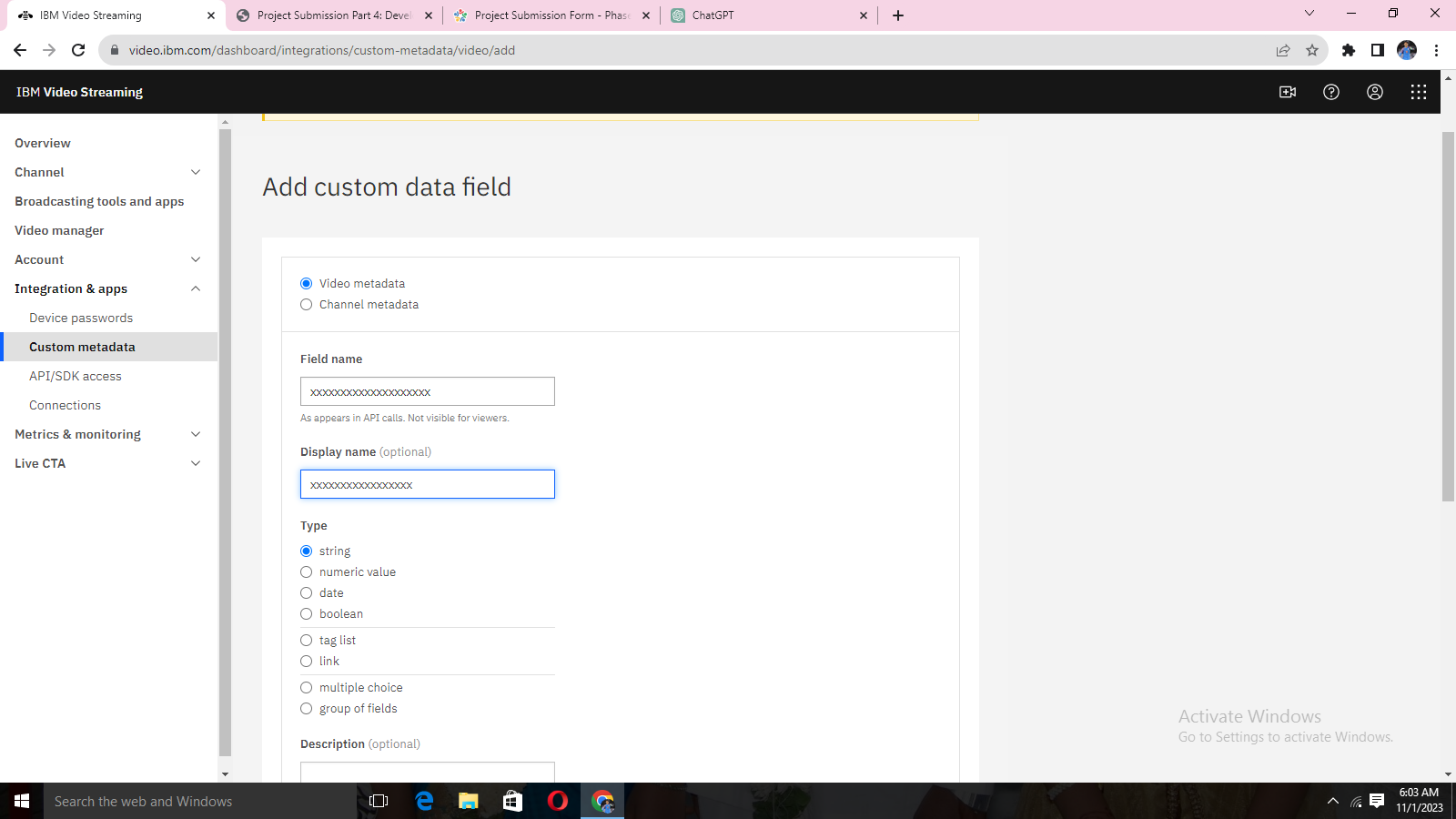
**STEP 13:**

**\*Manage interactions with your viewers during your broadcast and setup your streaming software and monitor your live broadcast.**

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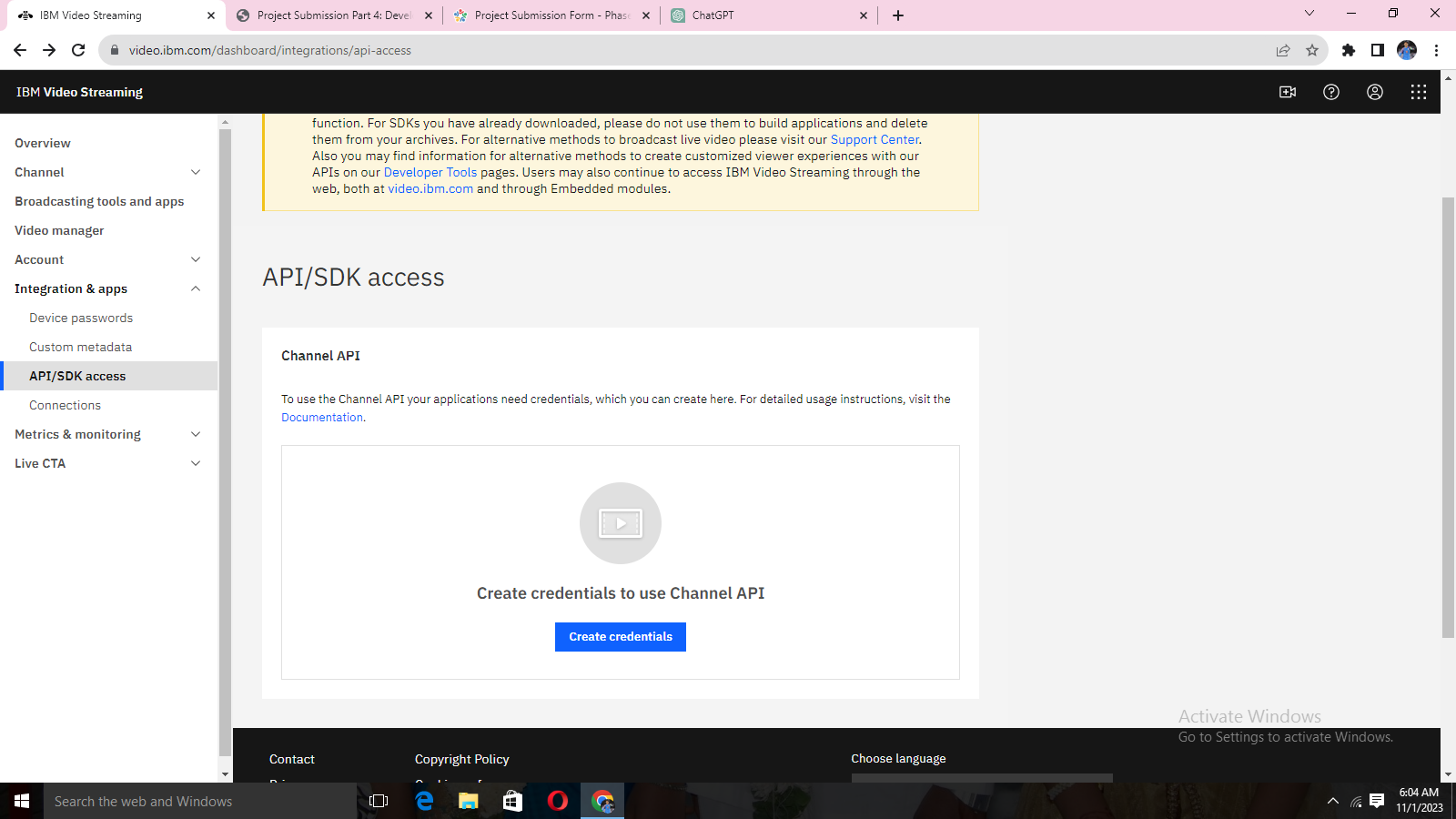
**STEP 14:**

**\*Add custom data field with type of string, numeric value, data, Boolean, tag list and link**



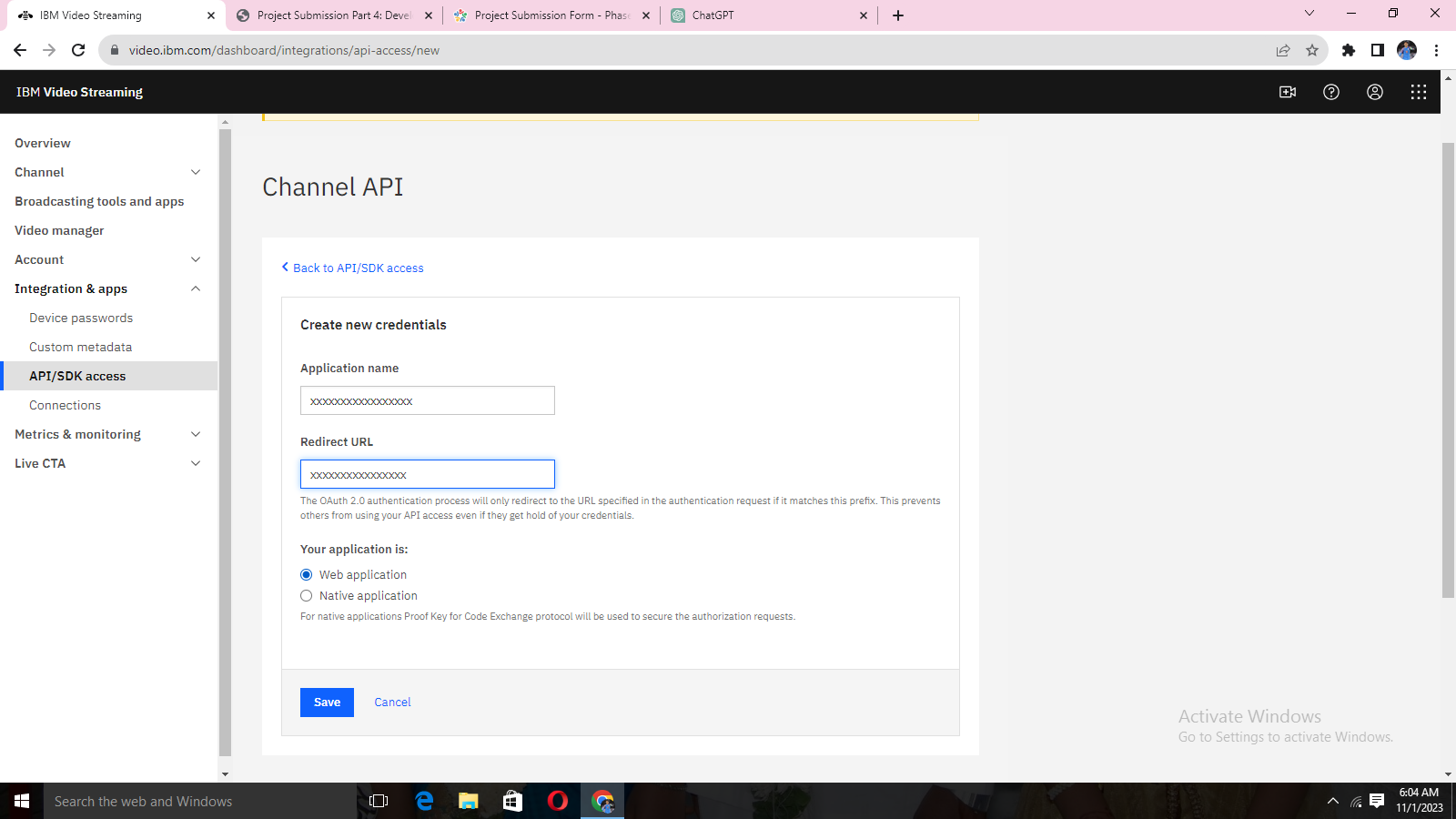
**STEP 15:**

**\*APK/SDK access to the channel in your applications need credentials, which you can create here. For detailed usage instructions, visit the documentation.**



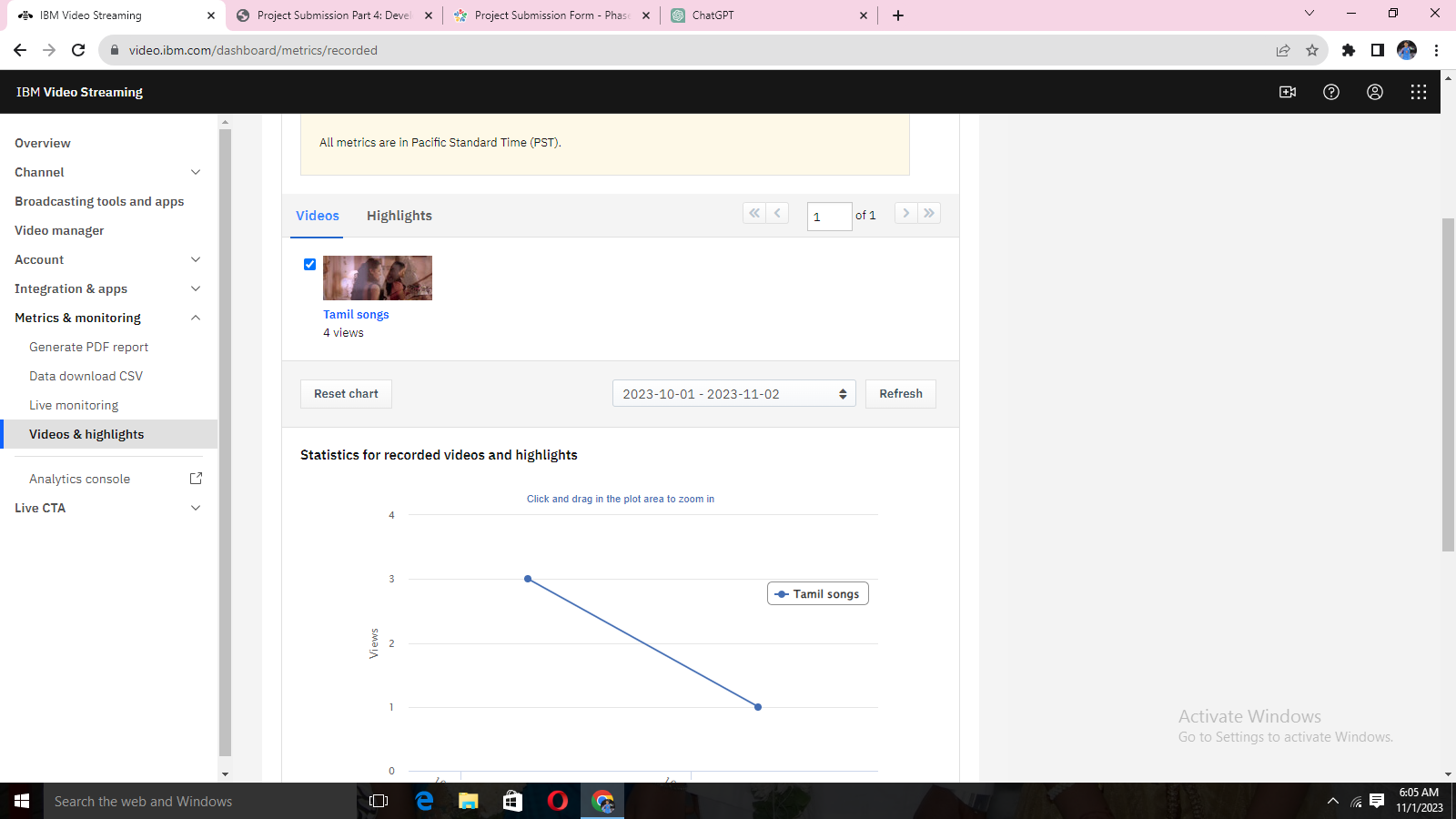
**STEP 16:**

**\*Create new credentials with application name and with redirect URL.**



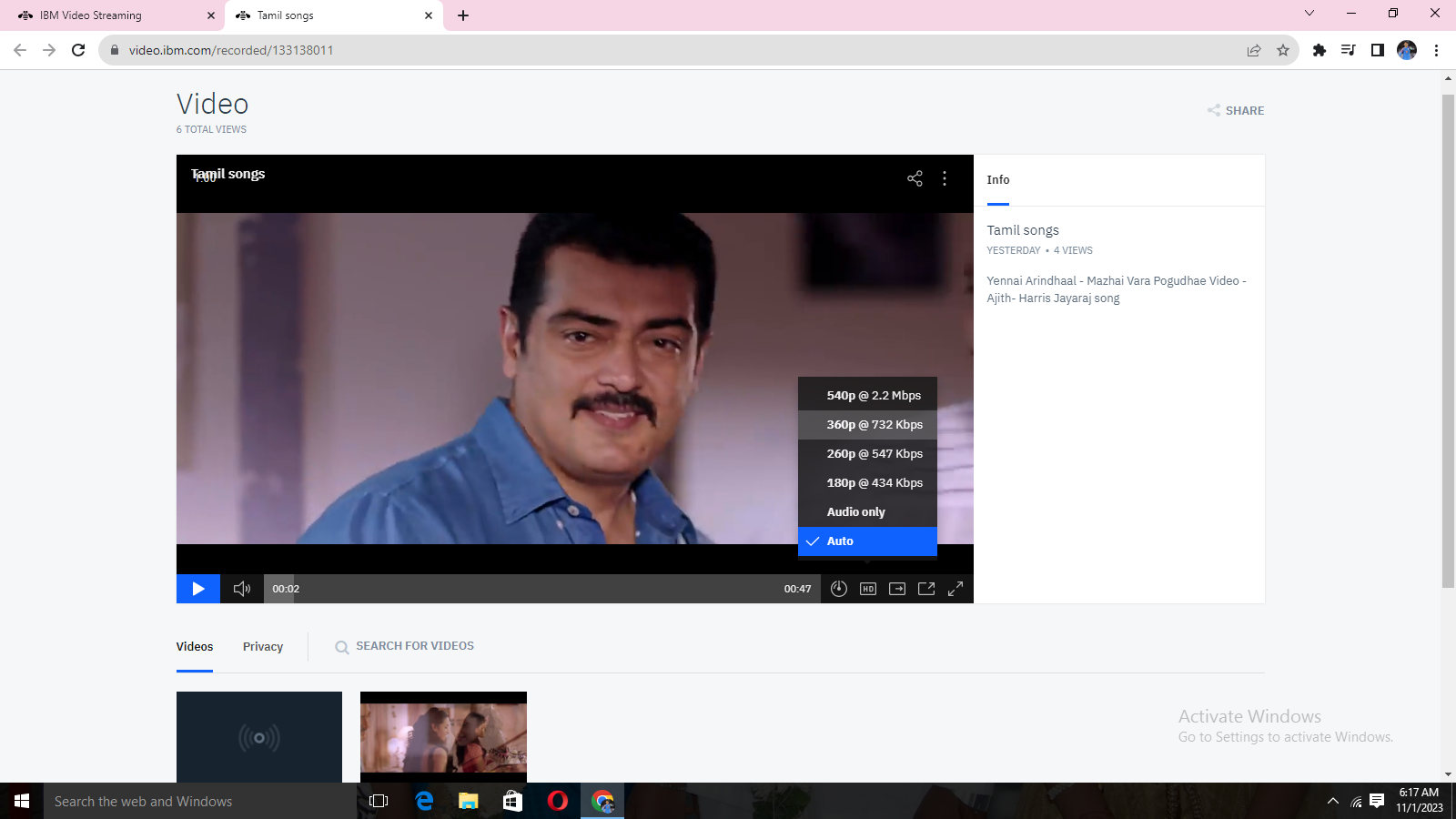
**STEP 17:**

**\*Statistics for recorded videos and highlights.**

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**STEP 18:**

**\*Video uploaded with high quality option. Many qualities with the speed adjust option**.



**CONCLUSION:**

.  Successfully built platform by integrating video streaming services and enabling on-demand playback.

And also by implement the functionality for users to upload their movies and videos to the platform.

IBM Cloud Video Streaming services to enable smooth and high-quality video playback. 