Video Cloud skill Assessment

Axel Rafael Lopez Orozco

● 1- Test player

In this task the first thing I did was to read the documentation of the player starting by knowing the video cloud platform and knowing the different functions it has. The second was to follow the get started videos of the documentation, where they explain everything in detail to get what is required.
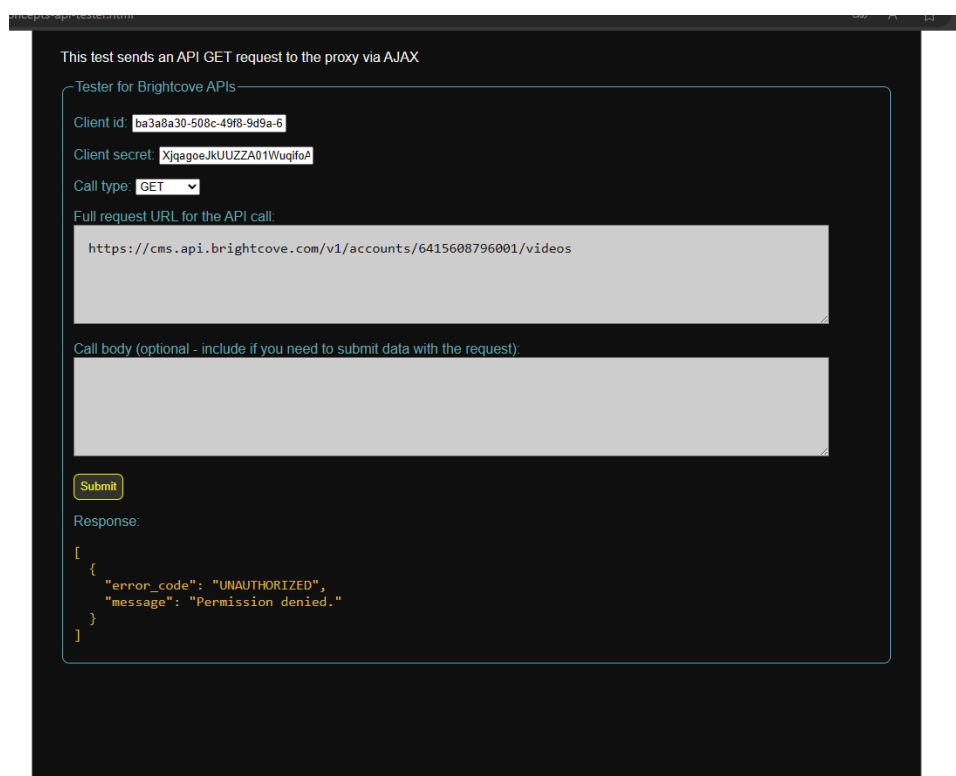Once I got the necessary information I created my first player along with a video and made it to be displayed in the tool they added in the document.
However after understanding the code I decided to do everything in a single project where I would save this and the other projects. To make the tests I used the http-server dependency and it serves to raise a simple server and to be able to visualize the developed thing.
At the beginning it was difficult for me to understand how the player worked, so I made several mistakes because it did not initialize the player properly, javascript errors, and some other details.

● 2-Querys

In this task, which at first seemed simple, it became a little difficult for me because at the beginning I developed the idea well, starting by going to the API documentation and looking for the query I wanted to make. However, when I tried to use it, this error appeared:

After re-reading the documentation I found that the error said that the credentials were incorrect so I checked them and found that when I copied and pasted them from the PDF document they were pasted with a blank space so they were wrong. Once I got the query correct and it gave me the information I wanted I proceeded to develop an Html where it will show what the test required. I saved all the info that the query returned in a .json file and added it to my project so I could use that resource. I then used it and made it display in the project where I will upload all the tests.

● 3-Advertising

In this test the first thing that was done was to go to the Advertising documentation and follow the instructions indicated to add in the study but sometimes when consulting the ad sometimes the correct xml appears and then when consulting it the correct url does not appear.
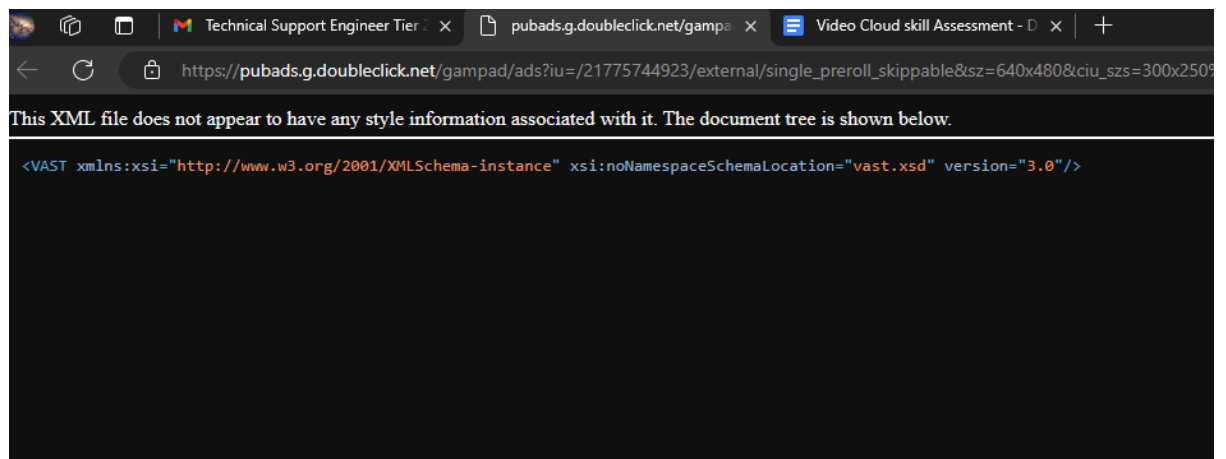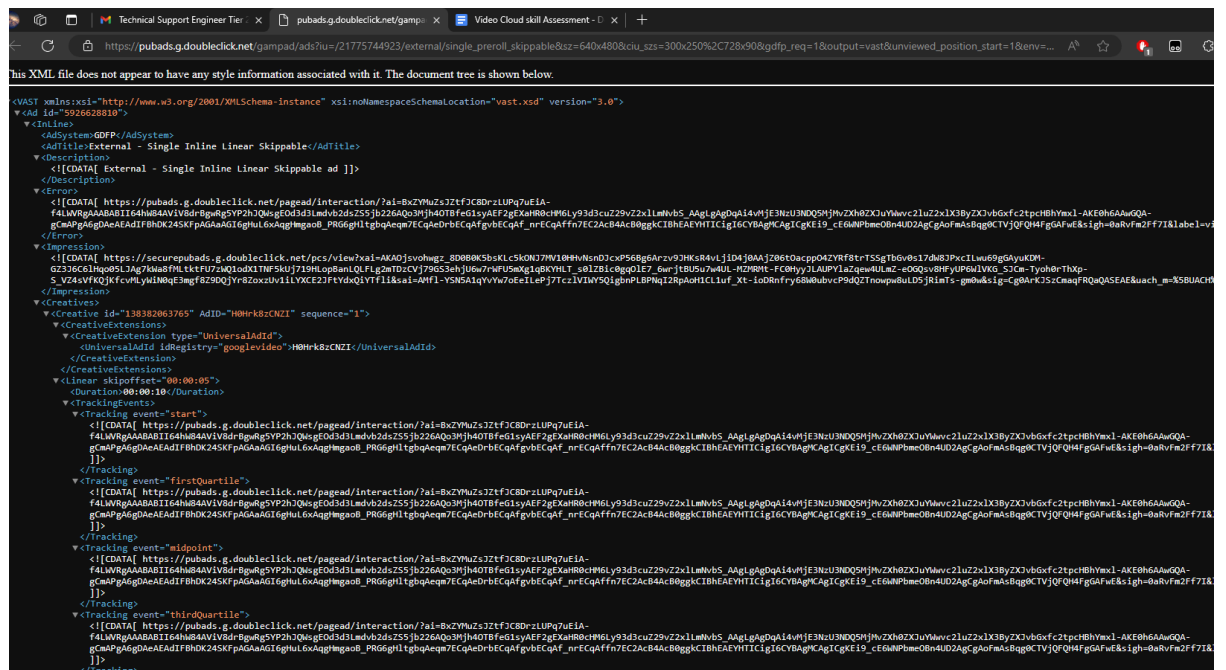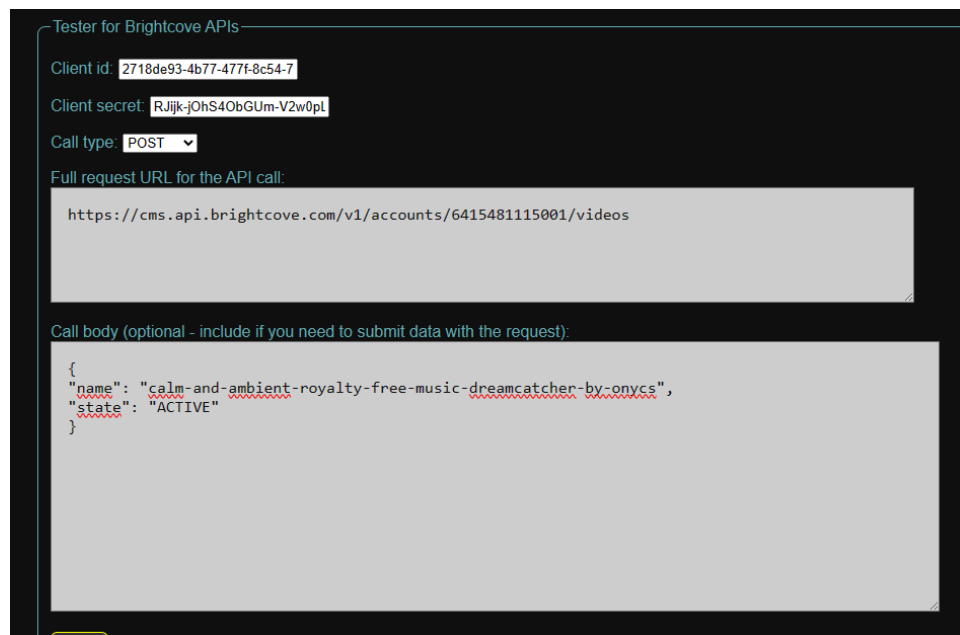
● 4-Android

This test was the easiest but also the one that took me the longest since I had to install android studio and it took me a while. However the documentation is quite clear and developing things was not so complicated although it was difficult at first how to add the video cloud dependency because the form that comes in the documentation was different from my project so I just made a few changes and it was correct.

● 5-Ingest API

While developing this test I realized several new things in videocloud that I didn't understand. First I had to understand a little more about the API services it provides and how to query and use them then I started making the necessary queries creating a new user to get the secret key and the player id of the new user. Once I got that information I first made the first query to get the video I wanted to upload using the CMS function:

With this query we only managed to create the video but it still needed to be uploaded and usable so the following query was developed:

What we got with this query was already uploading the video, this time the only thing that was difficult is to add the necessary to the body because many things you did not have and sent me errors due to lack of information but in the end I could get it up.

● 6-Combine Examples

In this task was where I learned more things since at the beginning I wanted to develop an example with a video and password but the information is obtained from a customFields and I did not understand what it was so I decided to investigate and I thought that this was achieved through a plugin so I uploaded the information as if it were a custom plugin and it did not work. It was then that going back to review the documentation I understood that there was a section in the player through admin where you can add that information to make it work. Then once I understood that I added the necessary custom field and added it to the video that in this case I would use to later use it in my project. After that I combined it with a loop which was easier to use.

● 7-LightBox

When I got to LightBox I already understood more about the working environment so it was not difficult to do this since I only got the example code included in the documentation and based on that I developed a project where I used it to make it easier to demonstrate.
This is the code example I used:
https://github.com/BrightcoveLearning/18163-simple-lightbox/blob/master/plugin/simple-lightbox.js

● 8-Broken Player

The error is that the page is trying to fetch the video from this endpoint:
https://edge.api.brightcove.com/playback/v1/accounts/4244402448001/videos/5188079836001

But not having the necessary permissions the server responds with access denied. To reach this conclusion I first checked the code in the browser inspector in F12 then I checked the elements section and found that it had a GET type error so I went to the network section where I found the error in addition to finding the response with the error I found the necessary url to the query that is wrong.

● 9-Find The Error

The errors found were two: the first one is that the script that loads the player is done before having the html so when the script is executed there is no element of the player that has to modify. The second error is that the tag being used is <video> instead of <video-js>