Programming Assignment

GROUP MEMBERS

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What your assignment does.

The goal of our assignment was to make the person enjoy the music along with the visual experience. Our assignment displays the music through beautiful colours and visuals, the music feels alive as the shapes move with the sound.

What the controls are

We made it so the shapes and the colours change based on the frequency of the song. We did this to make the visuals feel more alive and to make sure it corresponds with the music. This makes the visuals and song more immersive as they are linked together. We also had timeframes so the shapes will change at different beats, keeping the visuals updated as the song progresses. The circle in the middle is the main focus, it's size changes with the frequency along with its colour as the background changes shapes with timeframes.

How to make it run

Our audio visualiser depends on the frequency of the audio along with timeframes. We imported the audio and decided to go with chill house music. The audio begins playing right away once you start the program.

A list of stuff you are most proud of. This will help me to grade the assignments.

We are proud of the fact that while it is simplistic, it still does its job very well. We wanted to make a simplistic audio visualizer as our music isn't too intense and we wanted it to be relaxing to the listener. We feel like we achieved our goal, as we could imagine someone listening to this on a bright summer day, as our audio visualizer isn't too intense.

We are proud of the fact that we accomplished what we wanted to do in code. Having the background move downwards and change with timestamps was something we were both proud of. We also like the ending scene were everything turns small and blacks out.

What each team member did.

Both members contributed towards the code. We both made sure to listen to each other's ideas and thoughts on how we should go about pursuing the assignment. We came to an agreement that we should keep it simplistic while still making it visually appealing. The reason we concluded to keep it simplistic was due to the music we picked. I (Davin) wrote this document, and Oran cleaned up the code and made it less messy. We both agree that we put in equal amount of effort and are both pleased with the outcome of our assignment.