

Introduction to Programming II

Project Log

Project title:	Music App Visualiser – Allow users to change music
Topic:	Week 18
What progress have you made this topic?	
<p>I have made significant changes to the extensions as I have allowed for users to change the music (slow/medium/fast). The pace and type of music greatly impacts behaviours of the extensions. This would enable them to observe the changes reflected on the extensions.</p> <p>I refactored controlsAndInput.js, playbackButton.js and sketch.js to support multiple sounds- slow, medium, fast and an additional song. Previously, the extensions only responded to one type of music that was controlled by the pause and play button. To change this, a variety of sounds were introduced and users are allowed to change the music and notice the differences in the visualisations.</p>	
What problems have you faced and were you able to solve them?	
<p>Coding these changes posed as a challenge for me as I had to make many technical changes.</p> <p>Once I had loaded the different types of music, I faced the issue of pausing and playing. When a sound was in the midst of being played, I would try switching the music which overlapped on top of the previous music. This made it sound chaotic and clearly not what I had aimed. Experimenting around with controlsAndInputs.js allowed me to understand all the minuscule details of each function which enabled me to properly address and fix the audio's playback issues.</p>	
What are you planning to do over the next few weeks?	
<p>Week 19-20: Improve the GUI to be more user-friendly and visually pleasing. I would also be recording my changes on report 4.</p> <p>Week 21: I plan on debugging my code, checking through the reports and finalising my submission.</p>	
Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?	
<p>Yes, I am on target to successfully complete my project and would like to challenge myself to research more on what I can implement into the project outside of the videos covered on coursera.</p>	