Introduction to Programming II Project Log

Project title:	Music Visualisation App
Topic:	Volume slider (week 15 & 16)

What progress have you made this topic?
I managed to create the volume slider and it is working well. The volume of the song changes accordingly with the volume slider when adjusted. The volume slider also works well with other extensions created in the music visualization app.

What problems have you faced and were you able to solve them?
Although the volume slider works well after implementation, however, after adding and working on new extensions, the volume slider does not seem to work as well as before.

What are you planning to do over the next few weeks?
Because I did not follow my schedule, the volume slider was produced a few weeks earlier than expected. As a result, I want to debug the linked issues to restore the volume slider's functionality.

Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?
Although not going according to my plan, I am still on target to complete my project. For the remaining weeks, I plan to go according to my plan of implementing the extensions by the deadline I have given myself.

Introduction to Programming II Project Log

Project title:	Music Visualisation App
Topic:	Rhythm game (week 17 & 18)

What progress have you made on this topic?
Not much progress has been made to this extension, as the code currently does not produce the notes as planned. However, I managed to fix the bug for the volume slider. The volume of the song now changes accordingly with the change on the volume slider. To fix the issue of producing the notes according to the rhythm of the song, I am still researching how to fix that issue.

What problems have you faced and were you able to solve them?
I have faced a lot of problems when trying to implement the new 'Rhythm game' extension, and I have yet to solve them. One of the problems includes trying to detect the beat of the song. Currently, I still cannot solve that problem, but I am trying to find ways to solve it.

What are you planning to do over the next few weeks?
Over the next few weeks, I plan to work on debugging my existing code, to allow my rhythm game to at least work in producing the notes according to the beat of the song. I also plan to start implementing my music playlist, allowing users to choose the song they want accordingly.

Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?
Currently, I am off target in completing my project. With the remaining time left, I plan to spend more time on finishing up the basics of my rhythm game extension, to produce notes according to the beat of the song.

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Project title:	Music Visualisation App
Topic:	Playlist menu (week 19 & 20)

What progress have you made this topic?

After researching and referring to other sources, I managed to add multiple songs to my app, and the program is still running well. Now I am trying to edit and create a new menu to allow users to choose the music they want to play, and the visualization extension that they would like the see.

What problems have you faced and were you able to solve them?

One problem I faced was trying to implement a new menu to toggle through both the visualization extension, as well as the songs. I have yet to solve this issue, and am hoping that I will solve them in time for submission.

What are you planning to do over the next few weeks?

With the remaining time I have left, I aim to solve the bugs for my Rhythm game extension. Try to let all the extensions work properly together.

Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?

Currently, I am off target in completing my project. With the remaining time left, I plan to spend more time finishing up the basics of my rhythm game extension, as well as solving the bugs of my music playlist too.