

# Mid-term Report

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## **Overview**

This mid-term report will highlight the progress that was completed over the first half of the honours project semester (Up to March 2nd).

## **Research**

Over the first half of the semester, I've been studying and producing summaries on how digital audio workspaces like Logic Pro X and FL Studio are similar. From my findings, both Logic Pro X and FL Studio have the same workflow in terms of how beginners use their software. For my project, I will implement a digital audio workspace drum machine that is similar to both Logic Pro X and FL Studio.

## **Implementation**

In terms of implementation, I've started producing samples that will be used in the project. I have included hip hop drum samples like claps, snares, hi-hats, open-hats, and kicks. All these sounds come from my personal sound kit. I've also included royalty free sample loops that will be used to help beginners already have a melody they can work off of. I've started a private GitHub repository so I can showcase the project. In terms of programming, I've first started by organizing my workspace. I added a js folder so that I can add my js files there, and a CSS folder for css files. I'm planning on implementing all my JavaScript on one app.js file. This could (most-likely) potentially change because making multiple files for different features can be great for organization and work cycle. At this point, I am still implementing the front-end of the project which is done in CSS.