

# Audio Production Mashup

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# **Table of Contents**

**Warping / Clip Creation.....Pg.3**

**Beats / Drums.....Pg.5**

**Mix A (Plain).....Pg.6**

**Vox.....Pg.7**

**Audio Punctuators.....Pg.8**

**Mix B Final (With FX).....Pg.9**

**Conclusion.....Pg.10**

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## Warping / Clip Creation

To start with I had to find the tempo of the beat of each song in Ableton Live. It took me a while to properly understand this part as I could not hear the underlaying beat of the songs, so my beats count ranges from 82 to 132. However, as I continued through each song multiple times, I slowly started to understand how to catch the beat from there my BPM started to synchronize a lot more and the gap closed.

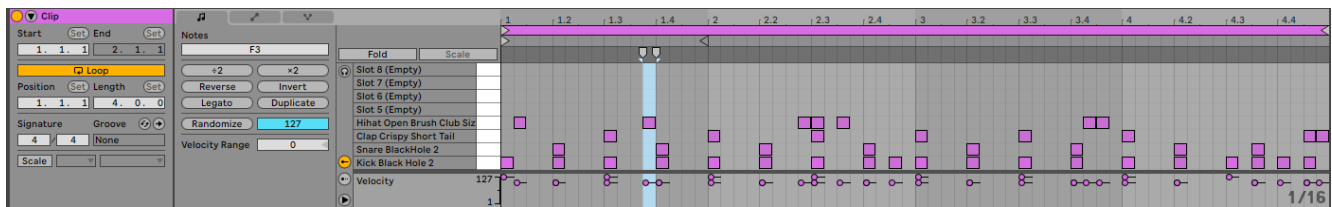
Once I got the BPM of each song I then proceeded to the warping. This was another process I started with finding the initial beat that was clearly heard and set that as the 1.1.1 which was to become the new bench of the song however then I made a mistake as instead of going to each while number and warping it to Ableton's recommended beat markers as instructed I went to a different approach and started to warp each time a sound clearly sounded off as that progressed to make some sections of the sound being sped up too much and others being slowed. However, after being reshown how to properly warp the songs, it began to progress a lot faster.

The Clipping was an easier process to understand as it was significantly shorter. To do this I had to press the loop button located to the left of the warp button. Once that is switched on a top bar was presented in the colour of the song, you then had to shorten the start and end of loop inline of the beat and the end of the loop as the beat was about to start. This allowed for cleaner transition into clips as the beats did not collide. Once a clip was found tat I was happy with I then had to press CTRL + press and hold and place it in an empty slot below the song and change the name to make the next few steps significantly easier as it gave structure. This process was repeated multiple times for each song to create a selection of available clips.

Drums	Songs	3 23 - Lil Nas X - M	4 05 - Måneskin -	5 11 - Olivia Rodrigo - good 4 u	6 37 - Masked Wo	7 Operator	8 1 feel the vibe
▶	▶	▶ 23 - Lil Nas X - M	▶ 05 - Måneskin -	▶ 11 - Olivia Rodrigo - good 4 u	▶ 37 - Masked Wo	▶	▶ 1 feel the vibe
■	▶	▶ ay	▶ Wanna be	▶ good for you	▶ brain goes num	■	▶ 2 the vibe
■	▶	▶ flying	▶ devil	▶ everything u want	▶ i believe	■	▶ 3 sounds like th
■	▶	▶ call me	▶ killer	▶ dont care	▶ lalalala	■	▶ 4 and this midd
■	▶	■	▶ mmmh	■	■	■	▶ 5 and this final
■	▶	■	▶ 05 - Måneskin -	■	■	■	■
■	■	■	■	■	■	■	■
■	■	■	■	■	■	■	▶ 1 feel the vibe-
■	■	■	■	■	■	■	■

# Beats / Drums

The Beats came about as I followed the video provided but didn't want to copy the beat as I felt other people may have done that and would not allow room to learn. So, I spent a while trying to develop my own beat however it would not line up properly with the songs, so I tried to cut the drums at certain parts. However, on 3/12/2021 I was shown how to properly create the beat. One of the issues that I made was that the claps were happening on every .3 which created a chaotic noise that was not going well with the beat. So, the beat was changed. The new beat consisted of a better structure and held Clap Crispy Short Tail, Hihat Open Brush Club Sizzle, Kick Black Hole 2 and Snare Black Hole 2.



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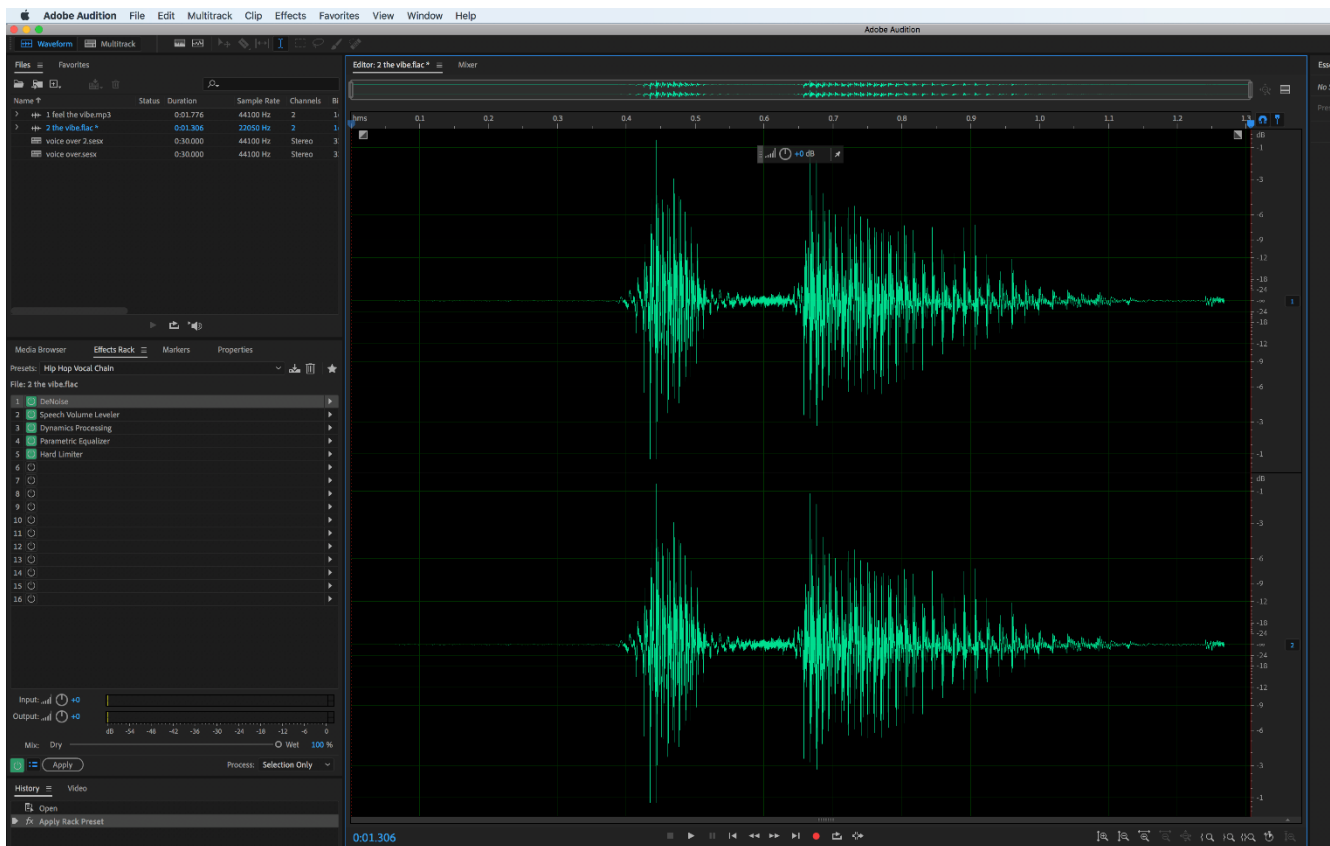
## Mix A (Plain)

To begin the first Mix which will be the rough version I started with carrying all my clips made from the previous steps and click and hold + Tab to transfer them to the arrangement view. From here I laid my drum track continuously on top and below that all the clips from the songs are displayed below on their own independent tracks. Now I could hear how each clip works in a linear fashion with the drums and to ensure that the beat was suiting the song.

The clips alone were not being exciting as some of them were not lining up and some just sound like the song is running as usual so to change that I was shown how to shorten clips multiple times to create a build up to when the song actual starts. This creates a new and refreshing take on the song

# Vox

The next process was to insert the Voice lines provided on slack, In this I used all 5 lines provided and decided to go a little off the brief as I felt that I like the end line to be placed in the front and the first line to be placed in the back. I was advised to not use the voices as is but to instead enhance them. So i went to adobe audition and decided to change it all to 'HipHop Vocal Chain', I felt that this enhanced the deepness of the voice but also creating a crisper annunciation. I tried to extend and slow the sentence 'The Vibe' so I went into 'Time and Stretch' and extended the sound to 200% however as I done this, I realised that I wasn't happy with the extended sound, so I decided to put it down to 50% which also didn't sit well with me, so I decided to keep it to the 100%. I then transferred them over to Ableton.



# Audio Punctuators

Moving onto the Audio Punctuators, I moved to GarageBand as recommended in the brief and sampled a variety of noises to see if any would suit the mashup but after a variety of failed attempts as I could not find a sound that I liked to go with the final version I decided to leave it out and turn to the filter sweeps. I followed the video on how to create the filter sweeps and I liked the effect that came off that, so I placed that effect running at the start and become the transition from the voice over to the start of the music.



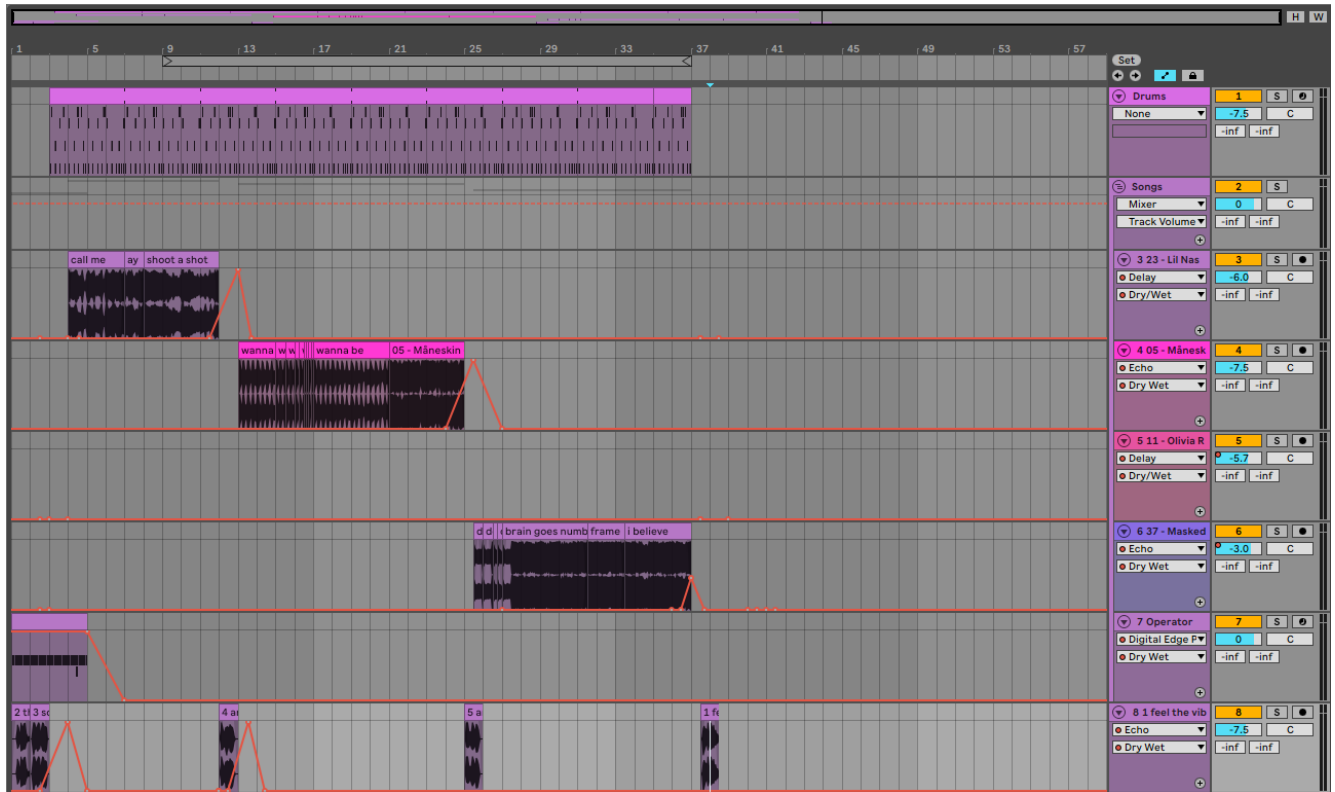


## Mix B Final (With FX)

The last part now was to tidy things up and this meant changing clips to allow for better flow. One such way to do this was shorten a clip of a song and play it after each other. Continuing to do this right after the other caused a build up to a drop which produced a very good sounding result to aid this effect, the pitch was increased sharply in a short distance.



I also played around with the automation to assist in the FX which can be seen displayed I used Delay on Lil Nas and Masked Wolf while using Echo on Maneskin, Masked Wolf and the voice overs. the transitions of songs as this gave a continues sound that went hand in hand with the drum track to suit the desired overall outcome.



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# Conclusion

This Project was very different then the previous as we had to control a lot more of audio files that we didn't make so I spent a lot of time to develop techniques to allow a variety of different songs to flow into each other using effects, voice overs, overlaying drum beats and sound manipulation.