

Digital Audio Production
Ableton Live Mashup Report



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Module: Digital Audio Production
Course: Year 2 Multimedia Applications Development
Year: 2021-2022

Table of contents

Introduction page 1

Songs Page 1

Warping Page 2

BPMs page 2

Drums page 3

Session View page 4

Conclusion page 5

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Introduction

As part of the course module, we were given the task to make a mashup project on the software Ableton Live. We had to choose the minimum of four songs and warp them.

Songs

The first thing I had to do, is listen to the songs that I had chosen and the songs that I had picked were:

“Sorry” – Joel Corry

“Black Magic” – Jonasu

“Goosebumps” – HVME

“A Little Bit of Love” – Tom Grennan

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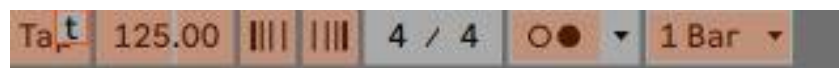
Warping

After I had selected my final songs, I imported them on to Ableton Live, each on separate track, which made an .asd (Sample Analyse File). Each track had to be warped, which is the toughest part of the assignment. Warping is basically lets time stretch my tracks so it can match me tempo I set in each song. Warping also allows me to place my initial start at the first beat of the song I had chosen instead of relying at the very beginning.

My first step was to turn on the “Key” tool, which is on the far right of the tool bar.



My next step was to select the tap tool and then press the letter ‘t’ on the keyboard.



After that I turned off the key tool so that my shortcut for the tap tool is saved. I would have to repeat every time as Ableton doesn’t save the progress. This would allow warping to work as I would need to estimate the tempo of a song while it’s playing

After playing the track and getting a feel for the song, I then moved onto the tapping. I had to do the tapping in two parts. When the first beats started in the song I did the first round of tapping, to make sure that I was getting the right BPM, I then paused the tapping and waited for a new section of the song to play and did the tapping again. I then came up with a BPM of the song. I then went online and checked song bpm (TuneBat) just to see if they were correct in their tapping. I received help from the lecture doing the warping and to make sure that each song was warped correctly before moving on to the next task in the assignment.

BPMs

Each track, that I warped ended up with these BPM numbers:

125.00 - “Sorry” – Joel Corry

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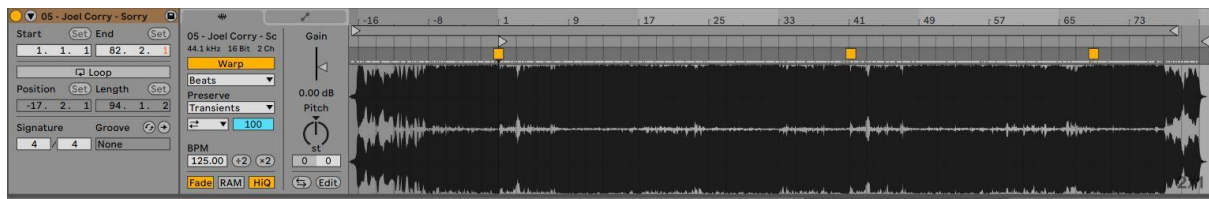
Year: 2021-2022

124.00 - “Black Magic” – Jonasu

125.00 - “Goosebumps” – HVME

106.00 - “A Little Bit of Love” – Tom Grennan

With my first song (“Sorry” by Joel Corry) selected in the session view, I hold alt + drag to an empty row. This copies it, also you could just right-click the selected clip to “duplicate”. I would then press the green arrow to play the song. When hearing the first key I would tap the ‘t’ key to try synch with the beat. This would be done four times.



Warped track



After I had all the songs were warped, I started to make multiple clips for each track by using the start and end handles and copy and paste, it was an easy task to create clips. I had to make as 3 or 6 bars for each track.

Drums

After I had all the tracks warped, the next step was to make the drum track that would tie all the elements together. One of the important things that the

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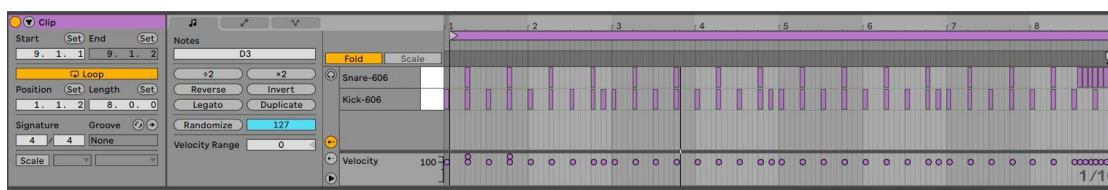
Year: 2021-2022

lecturer had shown me for this step in the project was to use Impulse instead of the regular drums.

I had to create a new MIDI track and drag it down in front of the other tracks.

In the browser menu I went into the instruments section and selected Impulse. I had to listen to each sound and see which one I liked. When I found the sounds that I liked, I dragged them down on to the impulse menu.

Once I had found the right sounds for my MIDI track, my next task was to add them on to the MIDI track and draw notes for the chosen sounds on the keyboard.



Within my impulse track, I double click on an empty clip slot, which gives me a new MIDI Not Editor (similar to piano keys).

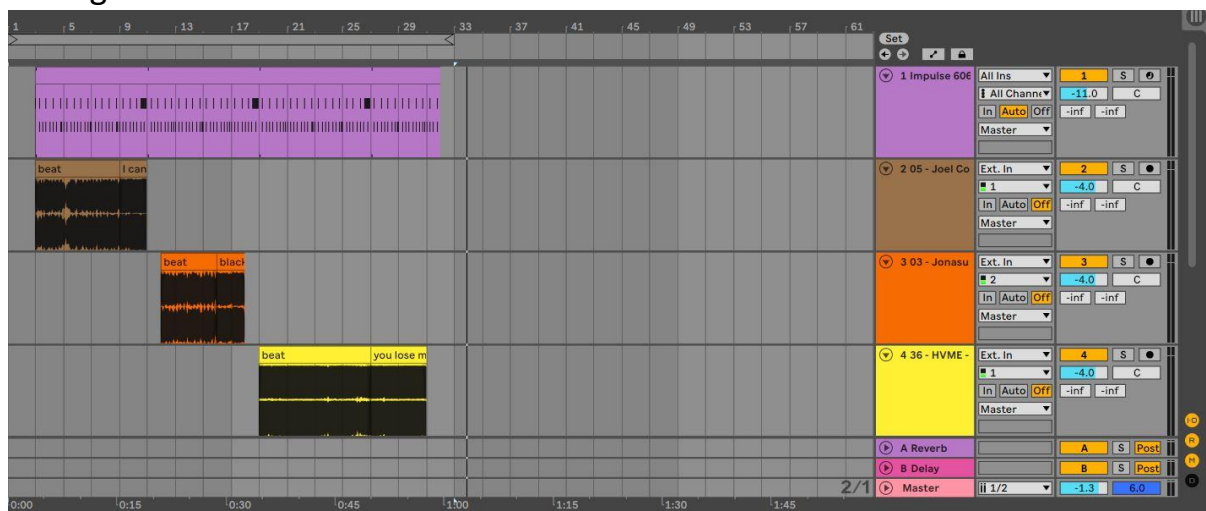
To add dfll, I double click on to the editor. I can do it to the same fill to remove it. I would place a kick fill for 1, 1.2, 1.3, 1.4. It's is a basic pattern.

Session View



When creating the arrangement, I switched into arrangement by using the arrangement tab key, which is an orange button (as seen above). I Just clicked it once to disable it, which then allowed me to add my clips from sessions into

arrangement.



In my session view, I imported my warped clips from 3 out of 4 of my warped songs, and on each grid, I had to put each clip together on their respective track, next I used two effects, the first was a high ping pong filter for each track and the second as when I imported my voiceovers and used a Sixteenth note delay filter.

Once this was all done, I had to add them on to my webhost as part of my web portfolio.

Link to portfolio: <https://seanwhelan96.github.io/sean-whelan.github.io/>

Conclusion

Overall, this was a tough assignment, but I had learned a load of new things and theories along the way, and this would be something that I would be able to look back on if I were to do this again.

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