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Digi 385

Multitrack Recording - Assignment 2 Produce a Mixed Recording

• List the equipment and software that you used, including, track by track, which microphone and preamp did you choose, and why you chose it.

- Software – Pro Tools
- Plugins – Mini Grand for piano and Xpand!2 for bass and hi-hats
- EQ-7 band
- Reverb – Medium hall preset.

How many takes it took for each track.

- Piano took around 5 takes.
- Bass took 3 or 4 takes no more than 5.
- Hi-Hats took close to 10 because I did not know what type of rhythm to do.

• What were problems you encountered?

- I wanted to side- chain. Although, I felt like I tried to mix too much on balancing the side chain.

• How did you address those problems?

- I gave it a try, but I did not want to mess up the mix so, I did not include it in the final MP3. What I tried to do was put a BF-76 compressor and put that on the piano so that I can side-chain it with the bass. I routed it correctly I just didn't feel I balanced properly.
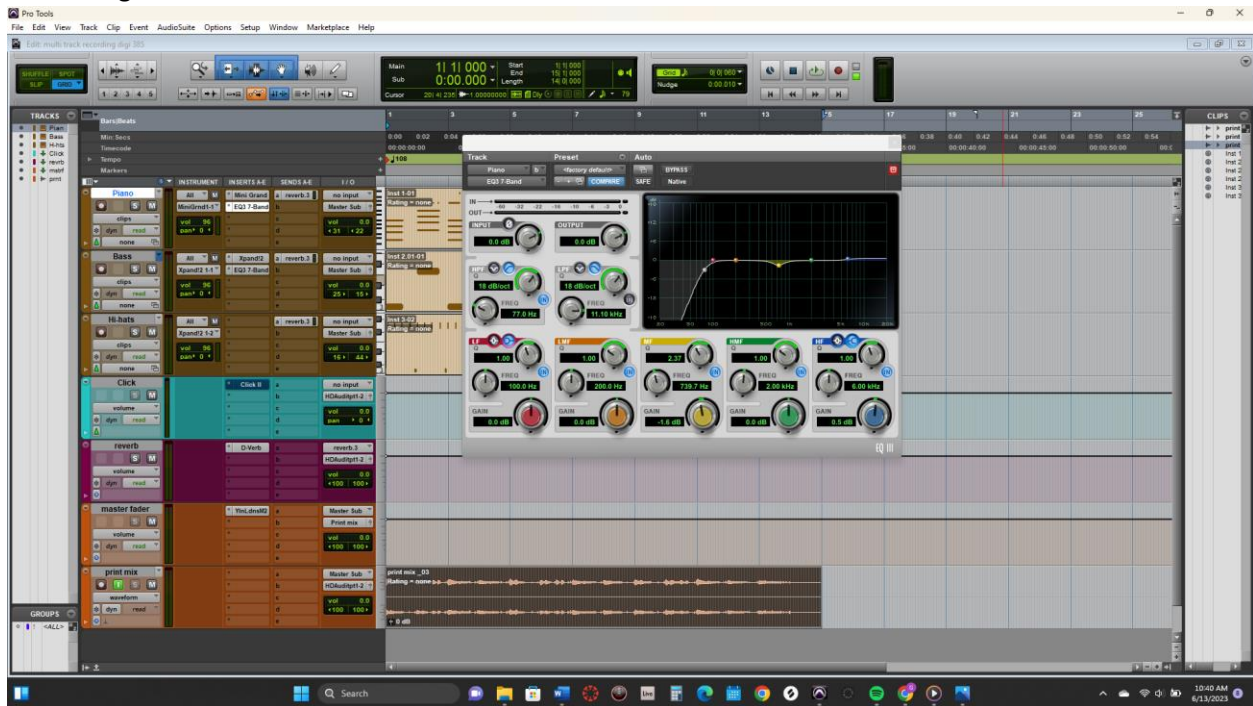
• What would you definitely do differently next time?

- Research more on how to side-chain a balanced kick and bass track or making sure balancing whatever is getting side-chained.

• Compare your final mix to a commercial product: Tonal balance? Compression? LUFS?

- I compared it to: https://www.youtube.com/watch?v=PrEcT2Q51lw
- Tonal balance- the piano could be turned down a little. But I also think I should have panned the bass far left. I had the bass panned just a little to the middle/right not too much hard left or right because I wanted the bass to be in the middle like pop music. So, next time I will reference the bass and pan more to the left or right but not too close to the middle. I did not use compression. The LUFS was average -17.
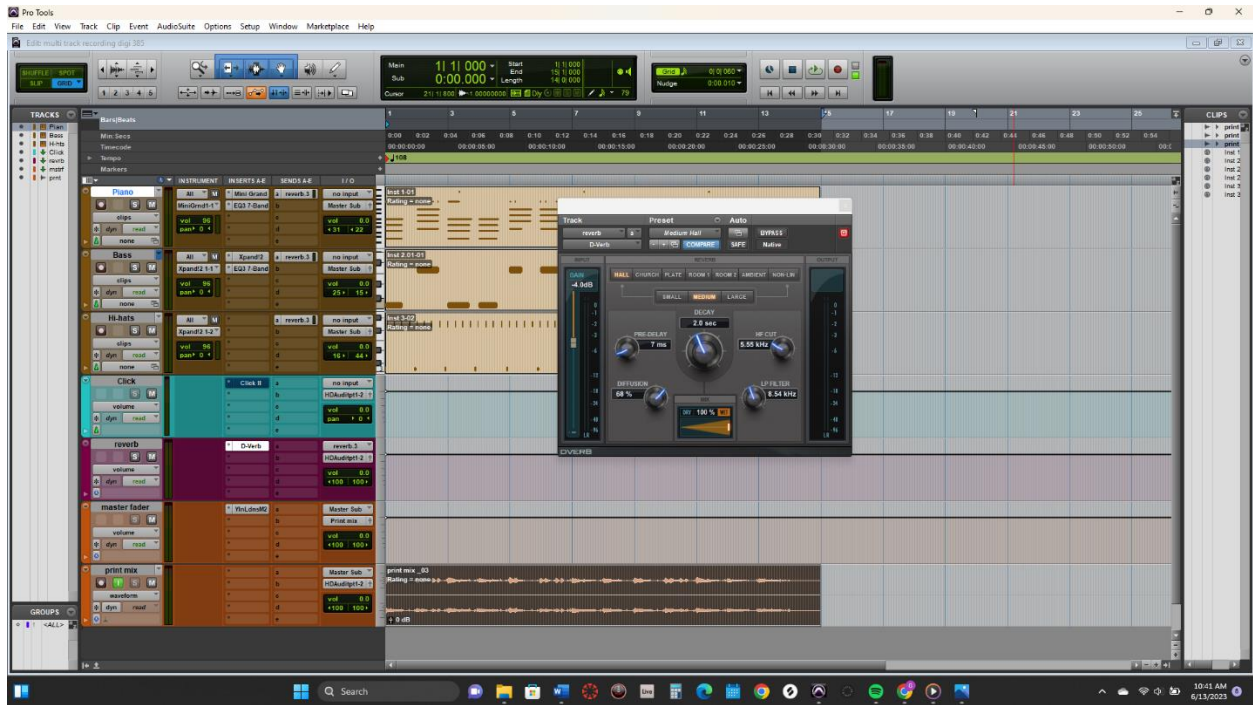
Piano Plugin – Mini Grand



Piano EQ setup – I used a HPF at 77Hz and dipped some mid-highs at 739.7Hz because I did not want the piano to crash to much with the bass and hi-hats.

Xpand!2 plugin – Bass and Hi-hats



Bass and Hi-Hats EQ set up. I only used a HPF at 53.7 Hz

Reverb – Present was a Medium Hall.



LUFS plugin – 'Youlean loudness meter 2' on the master track.