

Interview 1:

Me: "Hi XXXXXX"

Client: "Good morning Kevin."

"What would you like for me to do for you today? What kind of code?"

"So I've been having this problem recently with FL Studios. I have been using it for compiling multiple audio files for acapella, but the user interface is extremely difficult to use. I do not need to majorly edit the files, just some simple audio pitching and volume control and cutting, but the program has so many extra functions that I simply do not need."

"So you want me to make a Digital Audio Workspace that is simple for user interaction?"

"Yes, and I would like it to still have much of the same functionality as FL Studios, just not as complicated."

"I'm not sure if I could maintain full functionality as it comes at the cost of ease of understanding. If you could select a few functions that I could include in the program, that would be great."

"I could just tell you right now. I would like for it to be able to pitch the audio, adjust the tempo of the audio, adjust the volume of the audio, and cut parts of the audio out."

"That sounds great, I'll get back to you as soon as I can!"

Interview 2:

"What's up XXXXXXXX"

"I'm good Kevin, how about you?"

"I'm alright, let's talk about the program first though. So far I have been able to add some parts of the functionality you asked for. The program should be able to adjust the pitch and the volume of the audio file, yet I am still struggling to implement some aspects of your request, like cutting and adjusting the tempo. I have also added the function of being able to directly upload audio after recording from the microphone, without having to upload a separate file. It should immediately be converted into an MP3 file."

"That sounds okay. What's the struggle with implementing the other functions?"

"The issue with the cutting function is how to visualize it for the user. The audio wave would have to be visually represented so that the user can pick where exactly they want to cut the audio. I am still not sure how to do this. The same issue is with the tempo adjustment."

“That’s alright. The pitch adjustment and volume adjustment was what I mostly wanted. Can I see what you have right now?”

“Sure.”

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Client: “First couple of things I see is that it is not visually appealing. Although it seems to be easy to use, there are no colors or interesting graphics. Furthermore, there are still parts that were lacking, such as the lack of more editing features and the inability to layer more audio files. For the most part, the available features are fairly easy to use, after I understood what decibels and semitones are.”