Project proposal
Music sound and computers

Project Name: SoundCraft
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GitHub Link - https://github.com/Supreeth10/SoundCraft

Project Vision:

SoundWarp aims to provide users with a versatile and user-friendly audio manipulation tool. With SoundWarp, users can record audio using their microphone and apply a variety of real-time sound effects to their recordings. Below is the list of audio effects the user can apply to their recordings

- adding a touch of reverb
- shifting the pitch
- creating an echo effect
- Time stretch
- Distortion
- Reverse playback
- Robot filter
- Helium effect

Issues of Concern:

While SoundWarp aims to provide a seamless audio manipulation experience, there are a few potential issues of concern to address:

I'm not sure if I can provide the option for the user to record audio. If this feature doesn't work out, I'll let the user upload a WAV file and apply the effects on it.

I will determine whether or not to include a user interface based on the amount of time and effort required to create audio effects. If a UI is not included, I will provide the option for the user to input the WAV file and the desired effect through command prompts or user prompts.

The planned list of audio effects may change during development. Additional effects may also be added.