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| **Status Report W8** | **Student: Xin Dong** |

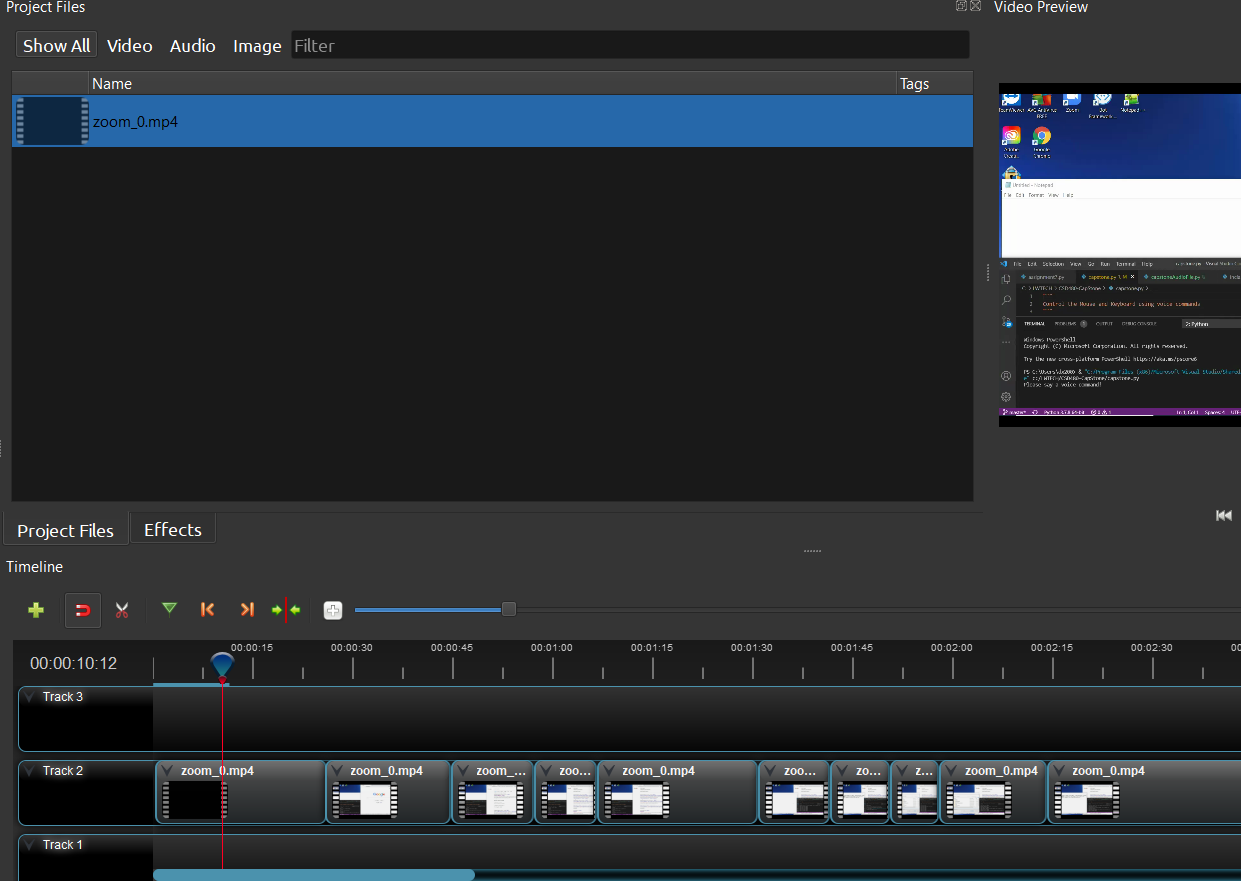
**Accomplishment**

- Consolidate part 1 and part 2 audio files both into python code and ensure it runs consistently.

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| obtain the audio file (\*.wav) as the audio source  from os import path  AUDIO\_FILE1 = path.join(path.dirname(path.realpath(\_\_file\_\_)), "C:\LWTECH\CSD480-CapStone\Deliverables\AudioFile-part1.wav")  AUDIO\_FILE2 = path.join(path.dirname(path.realpath(\_\_file\_\_)), "C:\LWTECH\CSD480-CapStone\Deliverables\AudioFile-part2.wav")  r = sr.Recognizer()  with sr.AudioFile(AUDIO\_FILE1) as source1:      audio1 = r.record(source1)  # read part1 audio file  with sr.AudioFile(AUDIO\_FILE2) as source2:      audio2 = r.record(source2)  # read part2 audio file  audio\_command1 = r.recognize\_google(audio1).lower()  audio\_command2 = r.recognize\_google(audio2).lower()  audio\_command = audio\_command1 + " " + audio\_command2 |

- Capture both natural speech and audio file videos for project presentation.

- Use open source video clip tool “OpenShot Video Editor” to edit video and clip off those portions which natural speech have been recognized as wrong words.



- Test on some other keyboard command.

**Plan for next week**- prepare for deliverables and presentation powerpoint.

- upload project to GitHub.