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Authoring 4
Research Assignment

After doing some research into what makes a functional media player, I was able to find the core functionality needed. Those being:

- Ability to play / pause
- Change the playback speed
- Change the volume
- Toggle full screen mode
- Closed captioning

That being said, adding a play / pause button and toggling full screen mode was simple enough to do with little JavaScript. The playback speed was a little more difficult to complete, however I was able to successfully complete the ability to change the playback speed.

When it came time to do the closed captioning, I realized that it was going to be beyond my skill level when it comes to code (was not comfortable with the .vtt files etc.). Therefore, the solution I came up with was to toggle a transcript of the respective media source the user was watching / listening too with JavaScript.

I used the website w3schools for implementation of functionality within this research assignment.