Video Player

For the video player, on the video itself, are a set of default controls (similar to YouTube’s functionality). That is, the following default “in video” functionality is available:

* Clicking anywhere in the video to pause and un-pause the video
* Volume controls
* Full screen button
* Picture in Picture ability (the three vertical dots button)
* Using the left and right arrow keys to rewind and fast-forward the video, respectively
* Using the up and down arrow keys to increase and decrease the volume, respectively
* Pressing the space bar to pause and un-pause the video

Furthermore, as stated from the requirements, these functionalities are available from the individual buttons as well. The buttons above the video are the “pre-scoring” video manipulation buttons. From the left to right, the buttons are as follows:

* Play button
* Pause button
* Stop button, which pauses and returns the video to the 0 second mark
* Skip backwards 10 seconds button
* Skip forwards 10 seconds button
* Decelerate time by 2x (minimum video speed is 0.0625x)
* Accelerate time by 2x (maximum video speed is 16x)
* A non-editable text field to show the current video speed
* The load video button. This button opens a file choosing dialog box

Unfortunately, due to security reasons of making a multi-browser application, all videos ***must*** be placed in the corresponding “Videos” folder. If not, it simply will not load the video.

Next, the below video buttons are the “scoring” video manipulation buttons. From left to right, the items are as follows:

* The textbox for entering the scoring time in seconds
* The play button. This button starts the video at whatever point it currently is and starts the countdown to 0. Once the countdown hits 0, the video automatically pauses.
* The pause button. This button will pause both the video and the countdown timer.
* The stop button. This button will pause the video, return the video to the 0 second mark, and reset the timer to the previously entered time.