Design Change Writeup

VA 7

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Since the design proposal, we made a couple of significant additions to our visualization. First, we decided to display the transcript from a 10 second section when the user hovers over the corresponding bar on the graph. This allows the user to inspect the topic at a deeper level and see what the speaker was saying during this period of time. We also decided to display time, volume, speed, and topic when the user hovers over a bar so that they can get actual metrics relating to these speech features.

Another significant addition to the visualization was to add the ability to filter by topic. A select box at the top manipulates both graphs with an animation to grey out all of the boxes that are not related to the selected topic. The topic selector feature lets the user focus on a particular topic and only colors the boxes where the speaker is referencing that topic. This feature allows for better comparisons at the topic level between the two speakers.