Movie Cast Visualization

For this visualization, we wanted to get an idea of how often an actor is in a movie. This we thought of to be best displayed like a film strip. The actor/actress is displayed as a certain color and when they are in the movie, their color is displayed, as seen in figure 1.

However, just one actor wouldn’t be interesting enough. We thought it would be best to be able to see other actors as well. So we combined the two actors into one film strip as well. You can see their respective colors and when they are seen together, they will be combined.

- **Time** – The color of a certain actor will be displayed when their face/voice is seen in the film. This will be determined by face recognition/voice recognition software, which will then relate it to the length of the film. It will be a solid block of color for the whole time they are seen. When they leave, no color will be seen in it’s place.

- **Actors/Actresses** – All of the actors present will be displayed in the cast section shown on the right in the figure below. They can be selected by clicking on the name or picture. Once selected, their name will be colored as their color on the film strips. This information can be scraped from an IMDB if we had more time.

- **Colors** – The colors for each user will be either red or blue. In the combination strip, you will see the colors overlapping on the strip, creating a purple. If there is only 1 actor present, you will see their color. If there are none, there will be only black.

- **Title** – The title will just be representative of the movie, but could also add an extra feature, by linking to the IMDB site so they can look up any other information about the film.

From figure 1, you can see that Alicia Silverstone is definitely the star of the movie. This could be useful if you wanted to see when a particular actor you love is in a film and the time you need to watch to see them.
Figure 1.

CLUELESS (1995)

Alicia Silverstone (Cher)

0 min 97 min

Jeremy Sisto (Elton)

0 min 97 min

Alicia Silverstone (Cher) & Jeremy Sisto (Elton)

0 min 97 min

CAST

Alicia Silverstone (Cher)
Stacey Dash (Dionne)
Brittany Murphy (Tai)
Paul Rudd (Josh)
Donald Faison (Murray)
Elisa Donovan (Amber)
Breckin Meyer (Travis)
Jeremy Sisto (Elton)