

Milestone 2 – Project Update

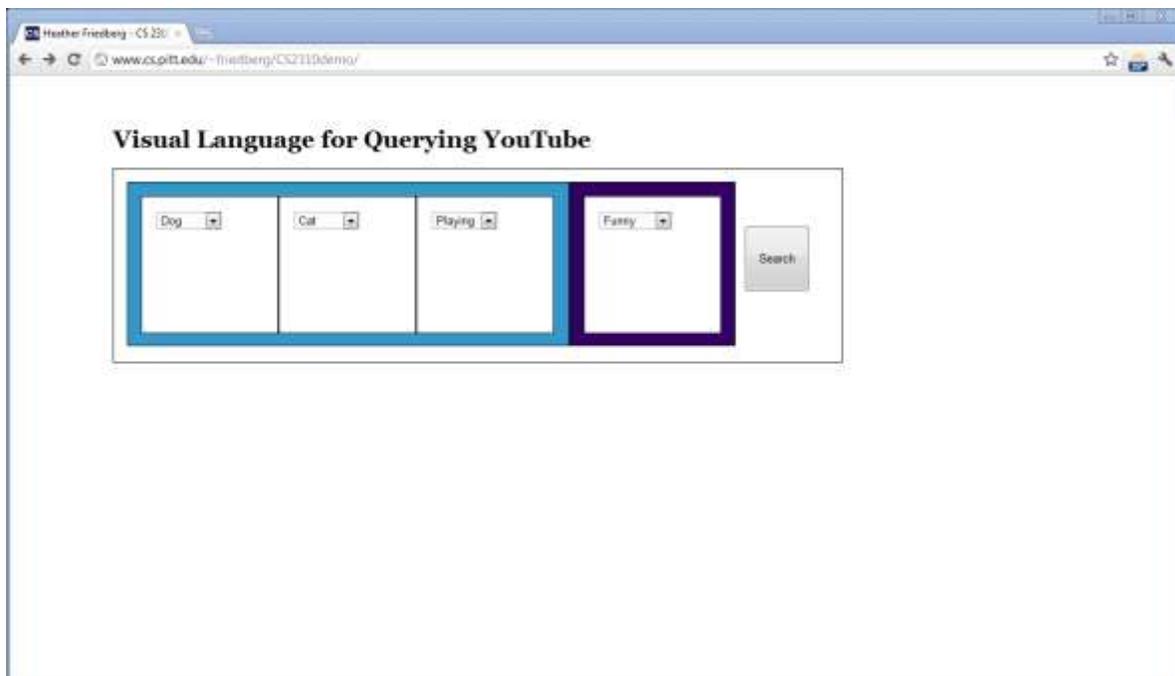
Project Goal

The goal of this project is to present an interface with which a user can query for YouTube videos using a visual language (icons). A small set of icons will be used to keep the project at an appropriate scope.

Current Status

The interface for this search tool was designed and implemented using HTML and CSS. Currently, there are no actual icons, but icon “names” can be selected using drop down objects. Three spaces for icons are grouped; these are the placeholders that may hold noun and verb icons. On the right, a separate emotion or modifier icon space is present for icons that describe the overall type of video that is desired (for example, funny or cute). Figure 1 shows the basic interface and demonstrates a possible selection of icons.

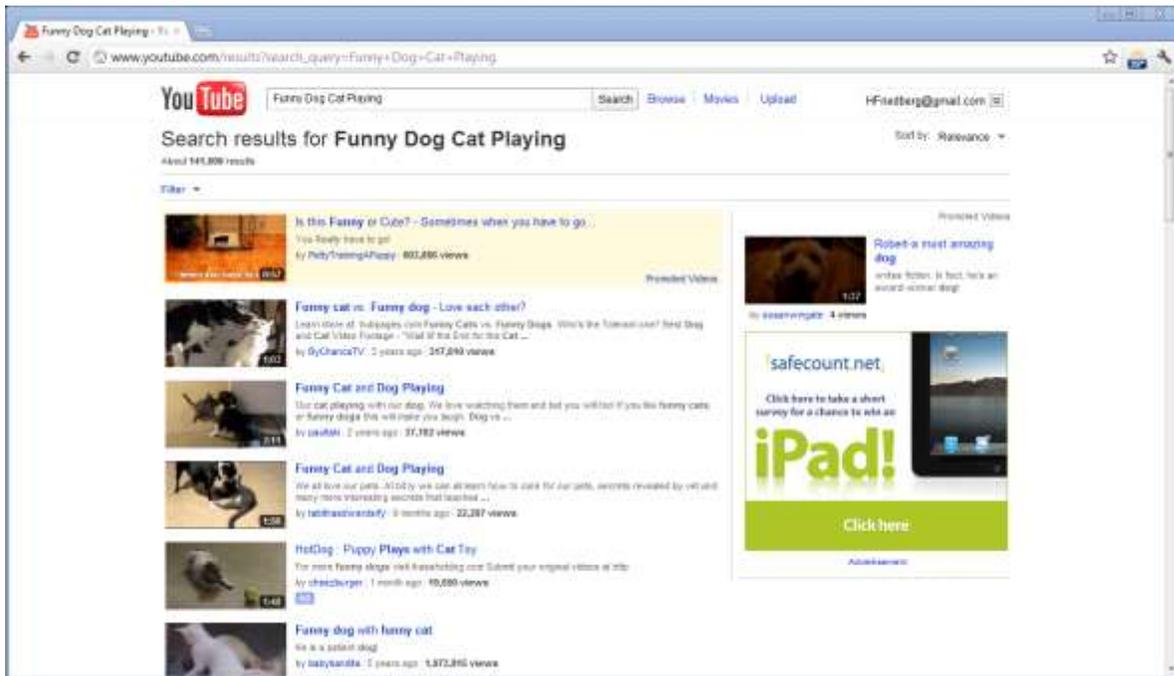
Figure 1. Basic Interface Design



When a user selects the icons he wants and clicks the “Search” button, a JavaScript function is run which ultimately sends a query to YouTube. Currently, the query consists very simply of the name of the four icons concatenated, with the modifier first and the three remaining icons in order. No additional manipulation of this query has been programmed yet. Figure 2 shows an example of the results after the user clicks “Search” in Figure 1.

A demo can be found at <http://www.cs.pitt.edu/~friedberg/CS2310demo>. Please keep in mind that as of now, this tool has only been tested in the Chrome browser.

Figure 2. YouTube Query Results



Future Work

For the final project, an area for selection of icons will be added below the current interface. Clicking on one of these icons will add them to the placeholders, which will no longer include drop downs. In addition, there will be more manipulation of the words in order to make the query more accurate.

Figure 3. Next Steps

