

Kuzco's Poison

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GUI Presentation

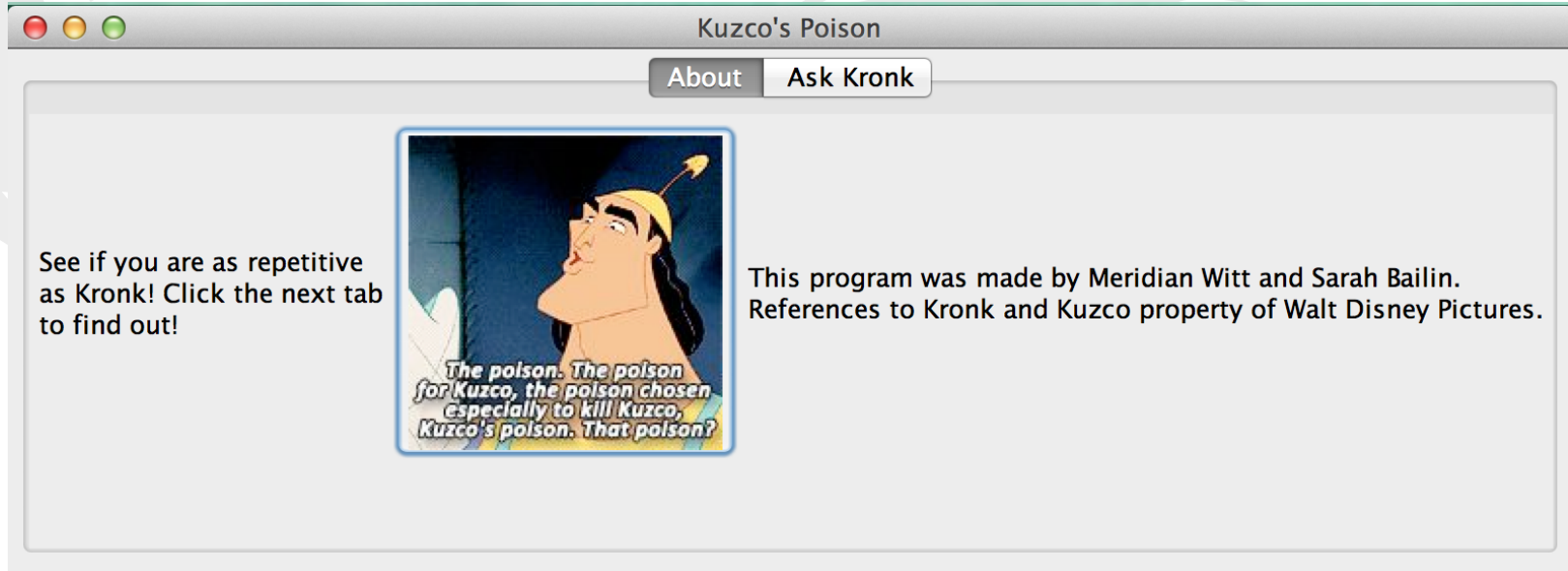
Project Idea

- Interested in Text Analysis & Personal Application
 - How to recognize and deal with repetitiveness in a paper?
- Application
 - Feed in paper via file input, analyze the word frequency in the backend, and return our calculated measures of repetitiveness

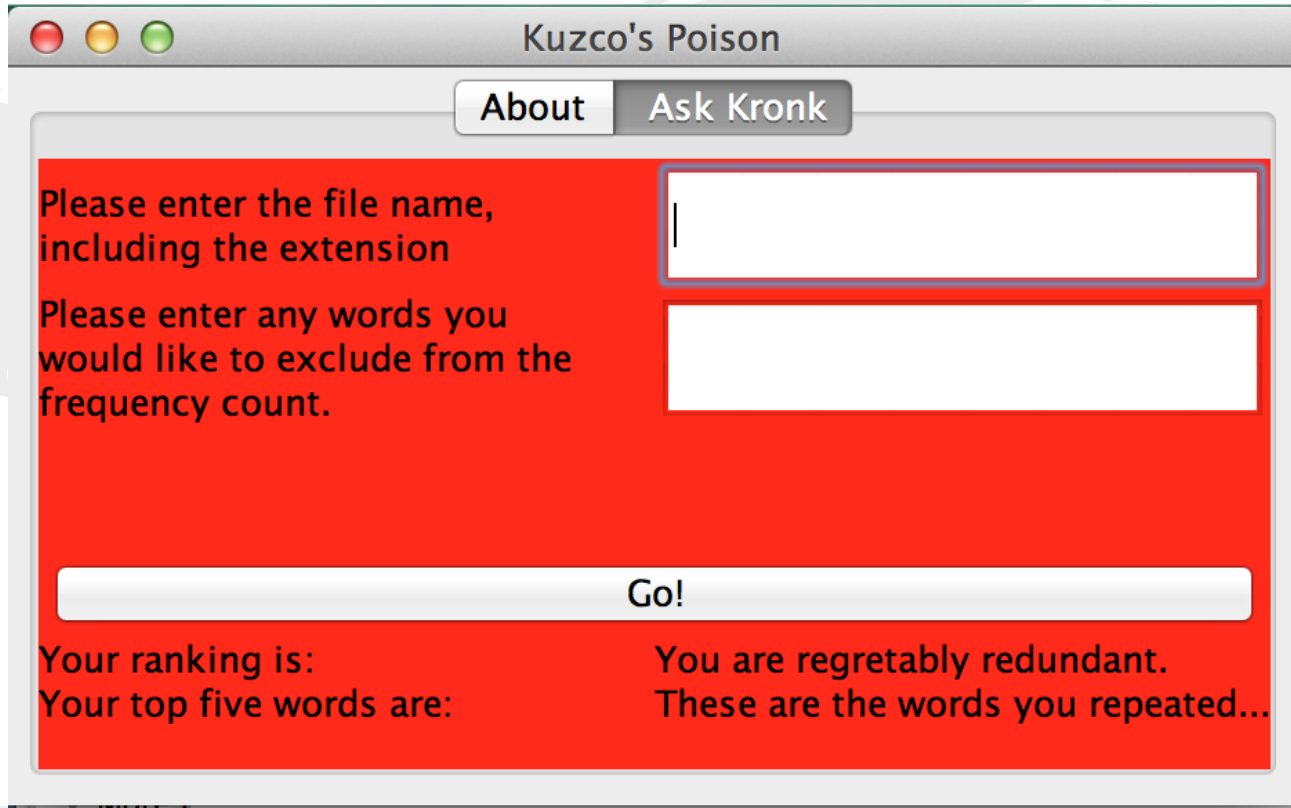
Implementation

- Choice of ADTs
 - Hashtables and LinkedLists
 - Hashtables are good for word frequency
 - LinkedLists
 - used to contain stopwords

Interface



Interface -- Post running v1



The screenshot shows a web application window titled "Kuzco's Poison". It features two tabs: "About" and "Ask Kronk", with "Ask Kronk" being the active tab. The main content area has a red background and contains two text input fields. The first field is labeled "Please enter the file name, including the extension" and the second is labeled "Please enter any words you would like to exclude from the frequency count." Below these fields is a "Go!" button. At the bottom, there are two columns of text: "Your ranking is:" and "Your top five words are:" on the left, and "You are regrettably redundant. These are the words you repeated..." on the right.

Kuzco's Poison

About Ask Kronk

Please enter the file name,
including the extension

Please enter any words you
would like to exclude from the
frequency count.

Go!

Your ranking is:
Your top five words are:

You are regrettably redundant.
These are the words you repeated...

Interface -- Post running v2

The image shows a web application interface titled "Kuzco's Poison". It features a light blue background with a white border. At the top, there is a title bar with three colored buttons (red, yellow, green) and the text "Kuzco's Poison". Below the title bar, there are two tabs: "About" and "Ask Kronk". The main content area is divided into two columns. The left column contains two text prompts: "Please enter the file name, including the extension" and "Please enter any words you would like to exclude from the frequency count." The right column contains two empty text input fields. Below these prompts and input fields, there is a large white button labeled "Go!". At the bottom of the interface, there are two lines of text: "Your ranking is:" and "Your top five words are:" on the left, and "You are very creative!" and "These are the words you repeated..." on the right.

Kuzco's Poison

About Ask Kronk

Please enter the file name,
including the extension

Please enter any words you
would like to exclude from the
frequency count.

Go!

Your ranking is:
Your top five words are:

You are very creative!
These are the words you repeated...

Challenges

- Researching and calculating “high” and “low” word frequency
- GUI aesthetic design