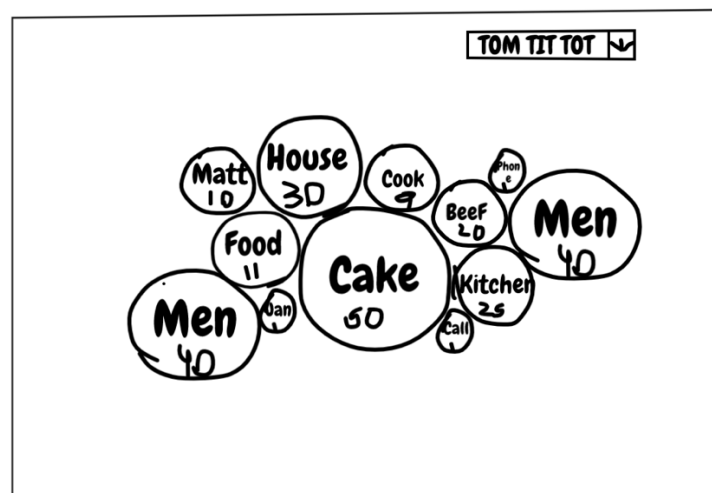Assignment 3
11/03/2020
Matheus Bustamante

1. Design

- What do you want to achieve with the visualization?
    - With this visualization, I want to tell a little more about how long each fairy tale is, and also what are the most frequent words. By doing that, my goal is to tell little more about each fairy tale without asking the user to read the them.

- What story are you trying to tell with your design?
    - I want to tell a little more about each fairy tale without telling them the full story.

- How can you highlight a different perspective?
    - People that see the visualization will have their own perspectives about the content without actually reading the fairy tales.

- What tasks do you want to support?
    - Users can shift between five fairy tales.
    - Users can look at the most common words.
    - Users can move these words around.
    - Users can hover over a fairy tale to see more information about it.

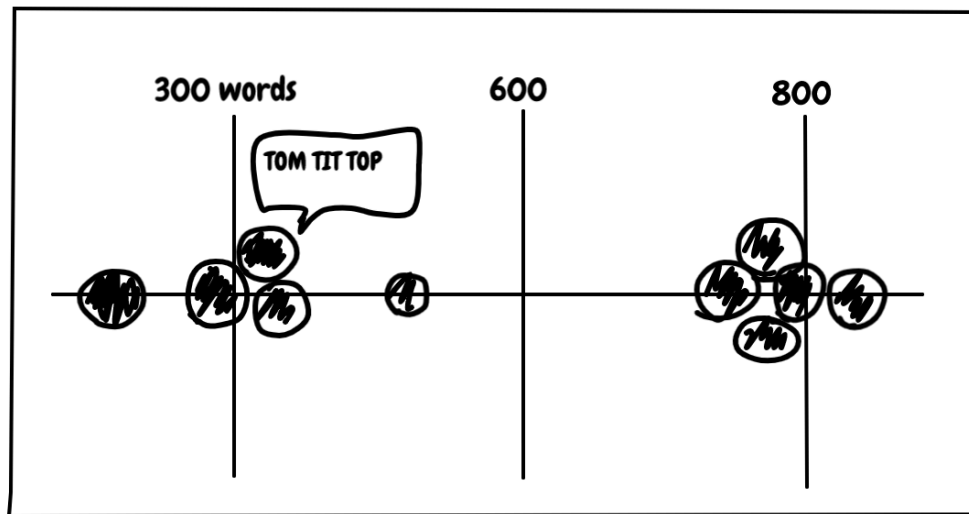What designs will help you achieve these tasks? Name at least two.

Bubble graph:

Description:
With this visualization, I want to tell a little more about what the fairy tale is about. To do that, I will be displaying the word inside a circle. The size of the circle is proportional to the frequency of the word. I will also add how many times the word appeared below the word name. Usually in fairy tales, the number of times a word appears tells a lot about the story, and that is why I think this visualization is effective when telling what the fairy tale is about.

Timeline:

Description:
With this visualization, I want to tell how long each fairy tale is. By knowing how many words there are in each fairy tale, the user can have an idea of how long the fairy tale is and if they want to read it.

2. Justification for final design:

For my final design, I combined both the bubble and the timeline visualization together. Once the timeline visualization is loaded, the user can click in five of the fairy tales to see the frequency of each word. Since my goal was to tell a little more about each fairy tale without asking them to read the story, I think combining the two visualizations is a more effective way for achieving this goal.