Software goal:

Create a unique word counting application with a Command Line and Graphical User interfaces.

Non-function design choices

Class Functions and descriptions:

* CMInterface Class
  + Main: Initializes objects and counting algorithm.
* Data [??] Class
  + Data cleaning:
    - Chooses the correct function to call in cleaning words. Function can call:
      * Split word cleaning
      * Punctuation Removal
      * Case normalization
  + Split word cleaning:
    - For when words are broken at the end of a line, this function gets the next ‘word’, concatenates them and returns the word.
  + Punctuation Removal:
    - Find and removes all punctuation
  + Get next word:
    - Returns the next word in the document
  + Case normalization:
    - Normalizes word case to lower case.
  + Count word:
    - Tracks words and counts them, stored in a hash map
* GUInterface Class
  + To be documented.