Collaboration – Word Breakdown

**Chris**

* Majority of the client.cpp file
  + Wrote code on client for opening sockets
  + Wrote code to get hosts
  + Wrote code on getting the server addresses
  + Wrote the while loop to get the commands from the user and sent them through sockets to the server side
* Majority of the server.cpp file
  + Wrote code on forking and creating new processes
  + Wrote code on checking to see if the child terminated successfully or not
  + Wrote code on creating sockets and setting the server address values
  + Bound the socket to a particular port as specified by the user
  + Wrote code on listening for sockets and blocking all else until a connection was established between client and server
  + Read the bytes sent from the client using sockets
  + Did some char array string manipulation to get the total number of words in the command sent.
    - Created a char \*\* array that would put the first word of the buffer into an array at the 0th index, and put the rest of the buffer (the arguments) into the following array spots. These would serve as the parameters to pass in the execute function.
  + Did file descriptor stuff to send the output back to client.

**Dhruv**

* Some of the server.cpp file
  + Did some char array string manipulation to get the total number of words in the command sent.
    - Created a char \*\* array that would put the first word of the buffer into an array at the 0th index, and put the rest of the buffer (the arguments) into the following array spots. These would serve as the parameters to pass in the execute function.
* Worked on the final report
* Worked on the PowerPoint presentation slides
* Did the one page collaboration document