Pair Programming Work Log

This file should accompany the Pair Programming Assignment for WSU:410 – Software Engineering (Fall 2020)

Aug 29th (Adam) – I created a design document and a work log file so we can track was has been done and what still needs to be done. I setup the beginnings of reading in from the file. The program will read in the contents of a text file as one long string. The next step there is to break the numbers apart and store them into an integer ArrayList. I’ll likely get to this later today.

Aug 29th (Stephanie) – I made a rough GUI for the results of the reading (total number of lines, largest value, etc.).

Aug 30th (Adam) – I succesfully processed the input file into an ArrayList of integers. I then moved on to processing the data line by line, with intentions of adding the full file processing afterwards. While doing this I realized that a more object oriented means of data processing would make things a little smoother so turned each line of data into a DataLine object that can process itself. This will make splitting the line processing and file processing apart even easier.

Aug 30th (Stephanie) – I made second panel on the window for displaying input. I made a file chooser button that pulls in a text file and displays it in a JTextArea. Eventually space will be made for values of each line, I’m just having some formatting concerns with that.

Aug 31st (Adam) – I finished up the File Processing and added some nice data output strings. So, we now have all of the data we need; we just have to display it to the user. I think the easiest way to display this data is just to use text boxes in the gui. I’ll talk to Stephanie about it and see what she thinks.

Aug 31st (Stephanie) – I used a second JTextArea to show the information for each line, putting that in a middle panel between input and file results. Next, I’ll focus on getting the overall file data to be presented. I would like to avoid using a third text area for that, but I’ll see how that goes next time.

Sept 1st (Stephanie) – Thanks to Adam’s labeling of data values, I was able to easily add the overall file data cleanly, avoiding using a third text area. I added some spacing between components. I’ll get some feedback before modifying the GUI any further.

Sept 2nd (Adam) – I went through and added more comments to code, which I really should’ve been doing as I coded. I took out all terminal println statements except for some error statements, since we have a nice GUI now. I’m quite pleased with the program as it is!