Signature Graphing Documentation

1. First, the phone was charged to 100% and placed on the wireless charger
   1. The voltage output was observed and three .csv files were generated and saved
2. The phone was then drained to 50% and placed on the wireless charger
   1. The voltage output was observed and three .csv files were generated and saved
3. The phone was finally drained to 0% and placed on the wireless charger
   1. The voltage output was observed and three .csv files were generated and saved
4. From this point, each .csv file was loaded into plot.py (File is available in Sprint 3 artifacts) and plotted individually
5. Each plot was observed to determine which .csv file was the cleanest representation of the voltage output for that specific battery value
6. The three best plots were placed into the same graph to be easily compared

Conclusion: The 100% battery voltage output clearly represents lower values than those of 50% and 0%. However, there was not any significant distinction between 50% and 0%.

.csv files and python code are located in Sprint 3 Artifacts folder.