

EECS 448 Project 4: Estimation of Person Hours

To estimate the LOC, I went through all of the files in our src folder and counted the lines of code to get a rough estimate of 650 LOC. I also include the documentation process of this project in the estimation of person hours, but it cannot be added to the LOC estimate. We had from 10/26/2020 to 11/08/2020 to complete this project which is 13 days total or 312 hours. This translates to about 2 LOC per hour or 0.4 LOC per hour per person. If we divide 800 LOC equally among 5 people that gives us 160 LOC per person. This gives us a very rough and inaccurate estimate of 64 hours per person working on this project. Obviously it was not taking us an hour to write 0.4 LOC, so we can assume that the average amount written per person per hour is about 20 LOC per person per hour (based on experiences working with team and collaboration among ourselves). This gives us a more accurate estimate of about 8 hours per person during this project. Add in about 2-3 hours of time for the documentation per person and we obtain 10-11 hours per person for this project