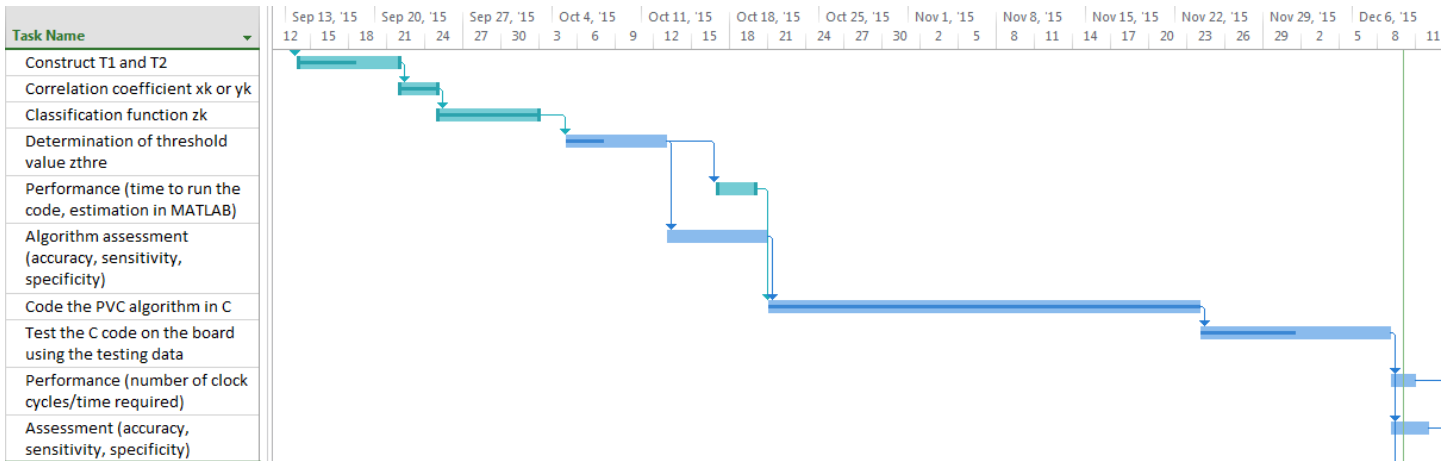


Gantt Chart (12/3):



Progress (12/3-12/8):

The team continued to debug the integrated Pan-Tompkins and template-matching C code by measuring the number of clock cycles needed to execute our algorithms. In the MATLAB simulation, the team completed the probability density functions needed for the hypothesis testing method. Lastly, on the wireless communication side, the team tested the Temboo and PubNub demos for the CC3200.

Goals:

Next semester, the team will focus on improving the accuracy and efficiency of the algorithms in C. The team will complete the MATLAB simulations of alternate methods (such as the hypothesis testing method) that will improve the template-matching algorithm. On the wireless communication end, the team will continue to research different IoT platforms to select a platform for sending a message to the physician.