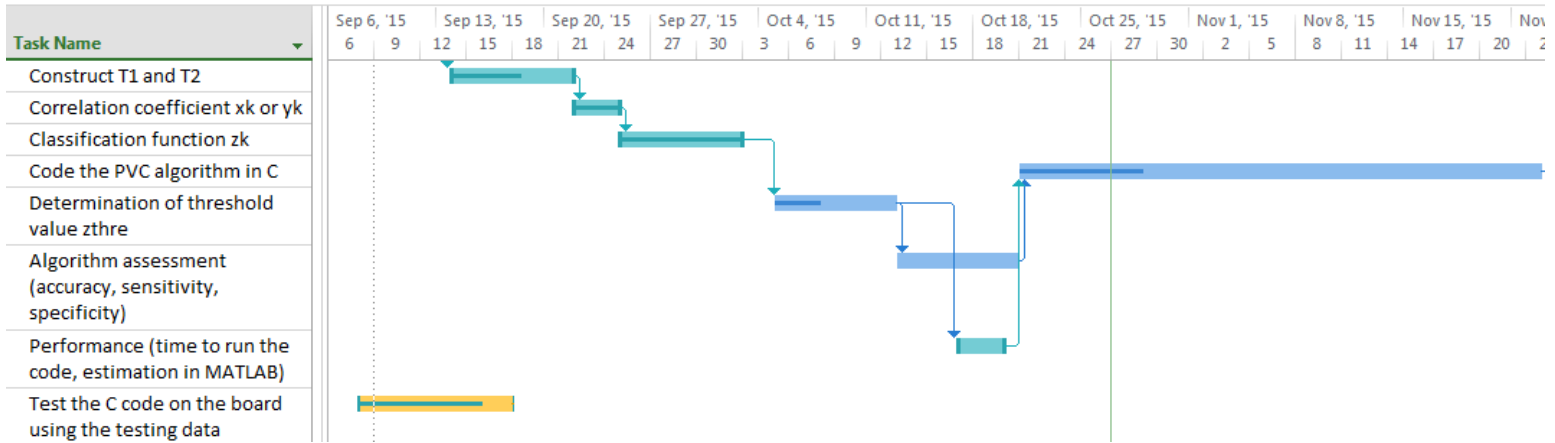


Gantt Chart (10/22-10/27):



Progress (10/22-10/27):

To improve the PVC detection algorithm's performance for certain signals, the team worked on improving the T1 and T2 template generation part of the template-matching algorithm. A different method of extrapolation was explored in MATLAB simulations. To further test the Pan-Tompkins C code, the team continued to develop code to send heart data from a PC to the CC3200 board using UART DMA. Lastly, some of the template-matching MATLAB functions (*Corr_Coeff.m*, *normIntRange.m*, and *normal_amplt.m*) were converted to C code.

Goals (10/29-11/3):

The team will continue to convert the template-matching MATLAB code to C code, verify the operation of the UART DMA code, and investigate the PVC algorithm's accuracy further.