

Lab 10 Report

In this lab, we were introduced to the task scheduler. We had multiple state machines in which we had to use the task scheduler to schedule. The lab was pretty straightforward once we fixed our header files and figured out how the task scheduler works. Some problems we faced were figuring out which period would make sure that the task scheduler would execute the state machine properly. We also faced problems with manipulating the strings on the LCD Display. Once we tried a few things, we figured out what worked and we were able to complete the lab exercise. We faced code difficulties in this lab, but the hardware part of the lab was pretty straightforward. One code difficult we had was manipulating the header file so we could use PORTD on the microcontroller for the LCD Display. In this lab, Abraham did the coding, and Rogelio did the wiring.