

Weekly/BiWeekly Milestones

March 27th:

Nick/Ali:

- FreeRTOS running in Arduino IDE and have Blinking LED code verified/uploaded on Arduino UNO

Jonathan/Jiaqi:

- Have the RTC portion of Arduino code retrieve and display the correct date and time to the LCD screen for proper logging.

April 17th:

Nick/Ali:

- FreeRTOS running in linux

Jonathan/Jiaqi:

- Understand the operation of the barcode scanner and integrate it with the SHIELD to simulate scanning function.

April 24th:

Nick/Ali:

- Have Blinking LED code running/working and changing speeds via freeRTOS on Arduino UNO

Jonathan/Jiaqi:

- Have all unit tests complete and working properly involving both the Arduino and CASCADIO board

May 1st:

Nick/Ali:

- Have all the pins of the shield correlating to the pin outputs of the uno and make sure all the ports are functioning properly PORTB(Output pins 8-13), PORTC(Analog input pins A0-A5), PORTD(output pins 0-7)

Jonathan/Jiaqi:

- Have the Project Test Plan nearly complete and progress with the final presentation and report

May 23rd:

Nick/Ali:

- Have the SBB Functionality working along FreeRTOS.

Jonathan/Jiaqi:

- Have the Project Test Plan complete alongside the presentation and report. Have the integration testing and alpha testing nearly complete.