Name: Anthony Do

Weekly Report: 10/20/2014 – 10/26/2014

Last week:

My team and I did background research on sensors, microcontrollers, and LCD display.

This week:

As my team and I have already designed the block diagram of our project and distribute each block to every team member, we did research on different kinds of parts for each function block. I was assigned to do the microcontroller for the project. I’ve conducted research on different kinds of microcontrollers especially the ones that were manufactured by Atmel. When I look for a microcontroller, I’m looking for the ones that have small amount of memory since our project just counts how many times a customer picks a device with the sensor. After an extensive period of researching, I decided to pick Atmel ATMega168 as our microcontroller. This microcontroller is an 8-bit, 16Kbytes of memory. I’ve notified a team member is responsible for ordering parts of that microcontroller. As of today, the microcontroller is currently shipping.

Next week:

Since the microcontroller along with other parts are on their way, I will need to find the compiler. We plan to write the program in C. Then I will plan out the program by writing pseudocode. The pseudocode will be reviewed by other team members for feedback.

Issue:

None.