EE 492 Weekly Report 5   **MAY1627**   **Week 10 (3/8/16-3/15/16)**

Advisors: Randy Geiger   Client: Randy Geiger
Members (roles): Kelly McConville, Xiayang Sun, Yinkun Peng
Project Title: Smart fuel tank sensor

Weekly Summary

Met a number of blockers this week. Kelly is having difficulty programming the FDC or finding any references or examples of how to program the FDC. Dr. Geiger named a few people who may be able to help and Kelly will speak with them this week. Yinkun has a plan for designing the frame he needs and will continue working toward his prototype.

Meeting notes:

Group Meeting with Advisors

Duration: 50 *min*   **Members Present:** Kelly and Yinkun

Purpose and Goals: Kelly discussed blockers in programming the FDC with Dr. Geiger. Dr. Gieger suggested speaking with his TA and members from the embedded circuit club. Yinkun discussed how to design a frame that would suit his needs.

Achievements: set new goals and decided on a plan to move past blockers.

Pending issues

Get relationship between read capacitance value and liquid level.
Yinkun still needs to build a frame for his prototype and complete programming his ADC.

Plans for next week

No meeting next week (spring break). Kelly is going to research his issues and request help from a TA and students recommended by Dr. Geiger. Yinkun is going to program his ADC and try to get a relationship between weight and liquid level.

Individual Contributions(this week)

Kelly: Had blockers in attempting to program the FDC.
Yinkun: completed necessary research and made progress toward completing prototypes.

Total contributions for the project

Continued to move forward and accomplished some of the goals set last week.