EE 492 Weekly Report 3 **MAY1627 Week 11 (1/25/16-1/31/16)**

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

Weekly Summary

For this week, we found some difficulties when we tried to prototype the load cell method. The wires of the load cell are too thin which are so hard to push into the breadboard but very easy to come out. Also, there is almost no change we find for the output signal.

Meeting notes:

Discussed what we are going to do and we did researches together and discussed some methods that might be able to solve the problem

Group Meeting with Advisors

Duration: 0 *min* **Members Present:** All members

Purpose and Goals: Find out the problem and make the prototype continue further

Achievements: We found we may be wrong with the parts and ways.

Pending issues

1. Fully understand the correct prototype method
2. Might need new parts to solve the unstable problem

Plans for next week

Solve the upwards problems

Individual Contributions(this week)

Kelly: Working on the basis of the prototype and coding for TI microcontroller

Xiayang: trying the thumper method

Yinkun: Working on building the whole circuit of the load cell and try to get the output

Total contributions for the project

Actually prototyping the project and found a maybe new direction or a new way that might easier to solve the problem and prototype