# EE 492 Weekly Report 6   **MAY1627     Week 5 (2/15/16-2/21/16)**

**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, waiting for the parts for the load cell way. Then we are all start to look the programming. Yinkun found some example codes in the internet. Kelly couldn't find some examples online but he got some help on campus. Xiayang is looking for the correct sensor to detect the vibrate frequency.

## Meeting notes:

Kelly talked his problem and then Dr. Geiger introduced some people we probably can get help from. Then talked about the Xiayang's sensor problem.

### Group Meeting with Advisors

**Duration:** 60 *min*            **Members Present:** All members

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

**Achievements:** We all got help from mentor.

## Pending issues

1.  Waiting for new parts
2.  Figure out the programming

## Plans for next week

 Get new parts and connect them, try to figure programs to see if it works with hardware.

## Individual Contributions(this week)

 Kelly: Continuing to work on the basis of the prototype and
 coding for TI microcontroller
 Xiayang: find right sensor to detect signal of the vibrator
 Yinkun: Waiting for parts and try to figure the code

## Total contributions for the project

Found out new parts we need and waiting for new parts. When we get new parts, it should be very easy for us to prototype the load cell method because we have already have all the ideas of how they will work.