

EE 492 Weekly Report 7 MAY1627 Week 7 (2/22/16-2/28/16)

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, Yinkun got his new parts and try to connect all of them together. Kelly figure out most part of the code. Xiayang found the right sensor.

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.