

**Advisors: Randy Geiger Client: Randy Geiger**

**Members (roles): Kelly McConville, Xiayang Sun, Yinkun Peng**

**Project Title: Smart fuel tank sensor**

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## Weekly Summary

For this week, we found some related ways to solve the unstable and no changes problems. We were going to order new parts to solve the problem. Which have a wires combinator which can connect all wires together. Also an amplifier to amplify the signal to make it displayable.

## Meeting notes:

Discussed what we are going to order and how it works. Then we all agree to order new parts.

### 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 new parts we need to order and the easier way to solve the problem

## Pending issues

1. Waiting for new parts
2. The basis is still not stable enough to put the tank on it.

## Plans for next week

Get new parts and connect them to see if it can solve the problem

## Individual Contributions(this week)

Kelly: Continuing to work on the basis of the prototype and coding for TI microcontroller

Xiayang: detect signal of the vibrator

Yinkun: Find out what new parts we need and figure out how they are gonna work

## Total contributions for the project

Found out new parts we need. 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.