

# EE 491 Weekly Report    MAY1627    Week 9 (11/3/15-11/9/15)

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**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

During last week, there was one meeting which lasted about an hour. Yinkun still worked on the load cell method; Kelly worked on capacitance method; Xiayang worked on thumper method.

## Meeting notes:

1. Decided what components we needed for each prototype
2. Try to control the cost as low as possible

## Group Meeting with Advisors

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

**Purpose and Goals:** Every group member described the implementing of each method.

**Achievements:** Professor Geiger clarified all the confusing parts we had for our implementing.

## Pending issues

1. Making a plan to actually start one prototype
2. Order all components we need

## Plans for next week

For next week we are going to determine our final method to our design, and find out the components that are needed in building our project.

## Individual Contributions(this week)

Kelly: doing researches and finding components (6 hours)

Xiyang: doing researches and finding components (6 hours)

Yinkun: doing researches and finding components (6 hours)

## Total contributions for the project

Each group member focused on one method. We all considered the implementing of methods and tried to control the budget of each method as low as possible.