

EE 491 Weekly Report MAY1627 Week 3 (9/15/15-9/21/15)

Advisors: Randy Geiger Client: Randy Geiger

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

Project Title: Smart fuel tank sensor

Weekly Summary

There was one meeting during the third week. During the meeting we summarized the research content we had found to our advisor; we also listed several methods that we thought was applicable to measure the fuel level in tank. Advisor Geiger also gave us some suggestions and documents relating to fuel tank sensor design.

Meeting notes:

There was 1 meeting in Week 3. We met with our advisor in his office on Friday afternoon.

Group Meeting with Advisors

Duration: 50 min

Members Present: Kelly McConville, Xiayang Sun, Yinkun Peng

Purpose and Goals:

Share what we found and learned during research and look for suggestion from our advisor in order to determine the final plan to our object.

Achievements:

Based on our advisor's suggestion, we had some new ideas on how to measure the fuel level. We still need to test the validity of each method and then find the best one.

Pending issues

1. Test several methods of fuel level measurement.
2. Find a final plan to our object.

Plans for next week

Do researches first, and then find the best method to measure the fuel level in tank. After determine the method, we will start designing the sensor.

Individual Contributions(this week)

Kelly: Set meeting schedules and doing researches (3 hours)

Xiayang: doing researches (3 hours)

Yinkun: doing researches (3 hours)

Total contributions for the project

We all listed several applicable methods to measure fuel level in tank based on some articles we found during research.