

# E E 491 Weekly Report

Sept 1-14 Week 1 (9/1/14 – 9/8/14)

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**Advisors:** Dr. Jones; Dr. Elia

**Client:** Dr. Jones; Dr. Elia

**Members (roles):** Rohit Zambre, Aaron Pederson (Communications Lead), Fengxing Zhu, Robert Larsen (Team Leader), Ian McInerney (Key Concept Holder), Dylan Gransee (Web Master), Alberto Di Martino

**Project Title:** Robotic Plant Measurement System

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## Weekly Summary

The main goal this week was to meet with the advisers and understand the purpose and the high level overview of the project. A side goal was to get introduced to the research computers and know where to look for required prior information.

## Meeting notes:

### 9/5 Group Meeting with Advisors

**Duration:** 55 min

**Members Present:** All

#### **Purpose and Goals:**

Establish contact with both advisers, define project deliverables, answer logistical questions, and make sure everyone is on the same page.

#### **Achievements:**

As a group, we defined what was expected of us over the course of the project:

- Understand the omnirobot functionality
- Attempt to make the omnirobots to run as desired
- Brainstorm alternate or more efficient designs to achieve the ultimate goal

We also received answers to our questions of where, when, and how we would complete our work.

### 9/7 Group Meeting with Graduate Student Associate

**Duration:** 90 min

**Members Present:** All

#### **Purpose and Goals:**

Learn about the available resources and logistics required for project completion. Learn how to demo the quadcopter. Additionally, learn about the lab safety procedures and policies

#### **Achievements:**

We learned about the available resources and workstations. We decided on weekly lab work sessions for the project. We defined our first steps: research how the omni-robots work and begin testing if possible; begin looking at alternate designs to withstand use in corn fields.

## Pending issues

1. Gaining access to the lab

## Plans for next week

To correspond with the advisers and assign high-level project responsibilities to group members. Also, to start working on the omni-robot functionalities.

## Individual Contributions(this week)

We all worked together this week. Individual contributions will begin next week.

## Total contributions for the project