# EE 491 Weekly Report   MAY15-17    Week 1 (9/15/14-9/21/13)

**Advisors:** Dr. Mitra    **Client:** Workiva

**Members (roles):** Caleb Brose (Team Lead), Chris Fogerty (Communication Lead), Nick Miller (Webmaster), Zach Taylor and Rob Sheehy (Key Concept Holders)

**Project Title:** System for Managing Execution Containers in a Cloud Environment

## Weekly Summary

We met with Workiva and have started researching similar projects to get an idea of how other designs have worked out. We have a basic understanding of the project architecture, but we're still defining key components.

## Meeting notes:

### 9/15    Group Meeting with Dr. Mitra

**Duration:** *15 min*         **Members Present:** *Caleb, Rob, Nick, Chris*

**Purpose and Goals:**
Describe our current situation (will be meeting with Workiva later in the week). See if Dr. Mitra has any suggestions for this stage of the project.

**Achievements:**
Not much happened this week during the meeting, as not much has happened since the previous meeting. We're still waiting on the initial meeting with Workiva.

### 9/17    Meeting with Workiva

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

**Purpose and Goals:**
Meet our key Workiva contacts and further define the goals of the project.

**Achievements:**
Learned about projects that currently meet similar goals to ours, and why they don't meet our specific goals. Further defined goals and requirements for project. Got suggestions on what to do to ramp up in key technologies such as Docker.

### 9/18    Group Meeting

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

**Purpose and Goals:**
Go over the information from the Workiva meeting, split up research work, define deliverables for next week.

**Achievements:**
Split up the research/ramp-up tasks and assigned reports in order to lessen the per-person workload.

## Pending issues

1. Many similar products
2. Docker domain research
3. Direction – build off something else or not?

# Plans for next week

Describe who will do what…..
1. Research Docker (All: 2hr)
2. Research Kubernetes implementation (Nick, Rob, Zach: 2hr)
3. Research Panamax implementation (Caleb, Chris: 2hr)
4. Begin prototyping (All: -)
5. Team meeting (All: 1hr)
6. Get GCE/AWS accounts from Workiva (Caleb, 1hr)

# Individual Contributions (this week)

Caleb: Meeting with Dr. Mitra (.5 hr), Team meeting (1 hr), Workiva meeting (1hr), Docker tutorial (3 hr), App Engine tutorial (1hr)

Nick: Team meeting (1hr), Meeting with Dr. Mitra (.5 hr), Basic website implementation (3hr), Workiva meeting (1hr)

Rob: Team meeting (1hr), meeting with Dr. Mitra (.5hr), Research on all things Docker (7 hrs), Workiva meeting (1hr)

Zach: Team meeting (1hr), Workiva meeting (1hr), Kubernetes research (2hr)

Chris: Team meeting (1 hr), meeting with Dr. Mitra (.5 hr), Workiva meeting (1 hr), App Engine tutorial (1 hr), Research Panamax (1 hr)

# Total contributions for the project

Caleb Brose (18hr)
Chris Fogerty (8.5 hr)
Nick Miller (11hr)
Rob Sheehy (12.5 hr)
Zach Taylor (7.5hr)