

EE 491 Weekly Report MAY15-17 Week 9 (10/27/14-11/2/14)

Advisor(s): 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

Project Site: <https://lighthouse.github.io>

Weekly Summary

Finished the design document and moved the backend from Nick's Github account to the Lighthouse organization. Added an Apache license to the backend, as the code is now public.

Meeting notes:

10/27 Meeting with Dr. Mitra

Duration: 30 min **Members Present:** All

Purpose and Goals:

Discuss design document draft with Dr. Mitra

Achievements:

Created a list of immediate improvements to make both before and after submission.

10/30 Team Meeting

Duration: 30 min **Members Present:** All

Purpose and Goals:

Discuss current work items

Achievements:

Fleshed out more of what's left to do (creating tests, for example), and who should do it. Starting to prep for showing Workiva the MVP.

Pending issues

1. The Apache License currently works for us, but not 100% sure license was filled out correctly.
2. Need to start considering testing strategy (unit tests for specific modules and full integration testing)

Plans for next week

Describe who will do what.....

1. Document Postgres configuration plan (Chris, 1 hr)
2. Code behavior for History API (Chris 1- hr)
3. Continue work on front-end Docker API service (2 - 3 hr)
4. Get templating done for mockups (3 hr)

Individual Contributions (this week)

Caleb:

Team meeting (0.5 hr)

Meeting with Dr. Mitra (0.5 hr)
Wrote full API description on website (2 hr)

Nick:

Team meeting (0.5 hr)
Meeting with Dr. Mitra (0.5 hr)
Setup front-end testing environment (2 hr)
Started work on front-end Docker API service (2 hr)

Rob:

Team meeting (0.5 hr)
Meeting with Dr. Mitra (0.5 hr)
Plugin Refactor (2 hr)

Zach:

Team meeting (0.5 hr)
Meeting with Dr. Mitra (0.5 hr)
Angular debugging, organization, and templates (6.5 hr)

Chris:

Team meeting (0.5 hr)
Meeting with Dr. Mitra (0.5 hr)
Postgres / Docker container linking research (2 hr)
Deployment rollback work (1 hr)

Total contributions for the project

Team Member	Hours this week	Total hours
Caleb Brose	3	56
Chris Fogerty	4	42.5
Nick Miller	5	48.0
Rob Sheehy	3	49.0
Zach Taylor	7.5	46.5