

# Lighthouse Sprint Report 2

*February 9, 2015 - February 23, 2015*

EE/CprE 492 - Senior Design II

Team May 1517 - Caleb Brose, Chris Fogerty, Zach Taylor, Rob Sheehy, Nick Miller

The following is a list of all completed and in progress items during our most recent sprint. The links below each item redirect to Github, our code hosting site, where file diffs and discussion can be seen.

This sprint focused on adding new features to Lighthouse on the front and backend. Specifically, Lighthouse-Client focused on container start/stop/restart operations and UI for cluster management via the work done on Beacon. Lighthouse completed support work for clustering, such as the ability to add new clusters and view which are available, and started creating more API features such as IP aliasing and history. Beacon has started work in adding more providers to its capabilities.

The immediate work is preparing a demo to Workiva which is scheduled for Feb 27 which will show off our work with cluster management. The upcoming week will be devoted to polishing and preparing for this. The remainder of the sprint will see completion of many new features such as History and User management on Lighthouse, Amazon and custom providers in Beacon, and container running and extended API usage in Lighthouse-Client.

# Completed

## Lighthouse

(Caleb) **Generic URI extraction**

<https://github.com/lighthouse/lighthouse/pull/35>

(Caleb) **Beacons/Instance Listing and Initial Database Schema Support**

<https://github.com/lighthouse/lighthouse/pull/36>

(Caleb) **Alias add/update endpoint**

<https://github.com/lighthouse/lighthouse/pull/38>

(Zach) **Add build status, license, and gitter badges**

<https://github.com/lighthouse/lighthouse/pull/39>

## Beacon

(Rob) **Wrote Some Tests**

<https://github.com/lighthouse/beacon/pull/6>

(Rob) **Updated the Rad May**

<https://github.com/lighthouse/beacon/pull/7>

## Lighthouse Client

(Nick) **Global Alert Service**

<https://github.com/lighthouse/lighthouse-client/pull/22>

(Zach) **Beacons and Users modules**

<https://github.com/lighthouse/lighthouse-client/pull/23>

(Zach) **Badgify!**

<https://github.com/lighthouse/lighthouse-client/pull/24>

(Zach) **Add apache v2 license**

<https://github.com/lighthouse/lighthouse-client/pull/25>

## In Progress

### Lighthouse

(Rob) **Applications Database/Rollback Groundwork**

<https://github.com/lighthouse/lighthouse/pull/34>

(Caleb) **User Actions**

<https://github.com/lighthouse/lighthouse/pull/37>

(Caleb) **Better Beacon and Instance lists**

<https://github.com/lighthouse/lighthouse/pull/40>

(Chris) **Application Container Groupings**

<https://github.com/lighthouse/lighthouse/pull/41>

(Caleb) **Coveralls**

<https://github.com/lighthouse/lighthouse/pull/43>

### Beacon

(Rob) **Create a Config Driver**

<https://github.com/lighthouse/beacon/pull/8>

(Nick) **Support for full page refresh**

<https://github.com/lighthouse/lighthouse-client/pull/26>

(Nick) **File create tool**

<https://github.com/lighthouse/lighthouse-client/pull/27>

## Hours logged

Team member	Hours this sprint	Total this semester
Caleb Brose	23	43
Chris Fogerty	20	26
Zach Taylor	12	19
Rob Sheehy	8	15
Nick Miller	15	40