sdmay18-19: DevOps for Javascript-based microservices
Week 2 Report
September 17 - September 24

Team Members

Erica Clark — *Data Analytics Lead, Website/Content Management*
Jack Meyer — *Communications; Software Architecture*
Nathan De Graaf — *Asana expert; Weekly Status Report*
Nischay Venkatram — *UI Lead; Node.js SME*
Nathan Karasch — *Project Management; Technical Writing*

Summary of Progress this Report

This week our team researched various aspects of our project and explored tools similar to our goal. Due to scheduling conflicts we were unable to meet with our client/adviser to present these findings and make resulting decisions, so this will be forced to happen mid next week. Our team also prepared both our website and the first version of the project plan document.

Pending Issues

no pending issues

Plans for Upcoming Reporting Period

the next step of our projects includes planning and designing the solution for the dev ops service. We have worked on finalizing the details and features, now we need to turn those into user stories. We need to design the architecture and layout of the application. Then start development.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Erica Clark	Contribution: Updated the website with my info (30 min), worked on the project plan (1 h), met twice with the group for planning (2h), researched and created a project in hydra (4 h)	7.5	11.5
Jack Meyer	Contribution: Spring Boot Research (1 hr). Website work (3 hr). Project Plan work (2). Senior Design meetings (4 hr)	10	16
Nathan De Graaf	Contribution: Initial research and creating and experimenting with Bluemix projects (5 hours). Contributed to project plan, website, and team meetings (3 hours).	8	13
Nischay Venkatram	Got a better understanding of docker, docker	8	14

	registry, and how to deploy containerized applications on cloud hosting solutions. Built a test app with Travis, Docker, and Heroku (7 hrs). Project planning(1 hr).		
Nathan Karasch	Setup initial website with jekyll template (1.5 hr). More work on the website (2 hrs). Docker research (2 hrs). Planning on doing design document work this weekend, so it'll be on the next weekly status report.	5.5	15