sdmay18-19: DevOps for Javascript-based microservices
Week 10 Report
November 14 - November 28

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

Tyr-cli has been published to npm! This should complete the work towards the final demo for this semester. Some final work towards polishing the CLI in preparation for a demo given to 329 class. For our front end, we finished basic version of the first end points for project creation and integrated them. Testing has been added to the user services and testing for the front end is being researched.

Pending Issues

N/A

Plans for Upcoming Reporting Period

As we approach our final demo and the end of the semester, we will be creating final drafts for the project plan, design document, and creating a final presentation for the demo. With Tyr version one published, we focus our attention to adding functionality to the front end while also adding security and integration to the existing web application.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Erica Clark	Published to npm and dealt with the crisis that thereafter ensued (1.5 hr). Implemented auth controller, routes, service, and client controller, routes, and services. (4 hr) Added three different authentication strategies (3 hr). Began testing basic auth and overall format of the functions (with catching the exceptions) (4 hr). Tested password creation and validation using basic auth (2 hr) Prepared for and gave demo to 329 class (1 hr).	15.5	91
Jack Meyer	Worked on creating a user's service for use in application (6 hours). Worked on creating owners/contributors endpoints (4 hours).	20	101

	Worked on creating a testing framework for services and set it up (4 hours). Created tests for user service (3 hours). Created tests for project service (3 hours).		
Nathan De Graaf	Meetings (1.5 hr). Created new template hello world template for ExpressJS projects. (4 hr) This was created to the 329 demo, and will give a better new user experience.	5.5	69.5
Nischay Venkatram	Wrapped up existing issue for Heroku and addressed all the comments. Made the flow of actions in cli more clear (4 hrs). Merged all changes to master and published version 0.1 of the command line tool to npm(2 hr). Fixed bug with file paths where npm ignored certain files while publishing and updated the pkg (3 hrs). Fixed broken publish (2 hrs).	11	92.75
Nathan Karasch	Began setting up a new endpoint in the backend to generate new projects for the user as a downloadable zip file, as well as integrating a call from the frontend once the user has filled in the necessary information to create a new project (4 hrs). Researched testing strategies (0.5 hrs). Worked on Project Plan (1 hr). Meetings (1.5 hrs).	7	93