

sdmay18-19: DevOps for Javascript-based microservices

Week 4 Report

October 1 - October 8

Team MembersErica 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**

We began by building a simplest version of the CLI tool for our framework. We demoed this simple mock in our meeting on Tuesday 10/3. This successfully created files for our users such as their .travis.yml, Dockerfile, index.js file, git repository, etc. In our meeting, we planned out steps to improve the Docerfile generation, add github repository setup for the user, and cleaned up code and testing.

Pending Issues

Some pending code debt created in order to get the simple mock ready so quickly.

Plans for Upcoming Reporting Period

We will meet with our adviser tomorrow to determine the detail plan for the upcoming week. In a general sense we hope to continue integrating Docker and TravisCI into our framework.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Erica Clark	Worked on generating index.js file in newly created project folder and src folder (1 hr). Worked on generating package.json file (3 hrs). Reviewed code (30 mins). Was out for Grace Hopper the rest of the week	4.5	21
Jack Meyer	Project Management work (setting up better issue tracking, making our issues more into user stories) (1 hour). Worked on features (worked on setting up the project, creating a CLI interface, and generating a TravisCI file) (3 hours). Team meetings (1 hour). Writing test code for previous week's code contributions (2 hours). Added prompt for GitHub username and password (1 hour). Code review and other general help for teammates (1 hour).	9	30

