sdmay18-19: DevOps for Javascript-based microservices

Week 4 Report October 1 - October 8

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

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

Nathan De Graaf	Initial development setup for my machine (1 hour). Meetings and administrative work (1 hour). Researched methods of creating github repository and worked to implement a solution (6 hours).	9	26
Nischay Venkatram	Worked on setting up the project - linting, testing framework, babel, travis integration, looked at pull requests, helped out on Slack (5 hours). Worked on presentation for lightning talk 2 (5 hours). Meeting with adviser (1 hr)	11	29.5
Nathan Karasch	Added Dockerfile and .dockerignore generation to CLI, and updated team website. Spent time learning node.js. (3.5 hrs). Meetings (1 hr). Researched integration of Travis with GitHub and implemented HTTP calls to enable a project in Travis (4.5 hrs).	9	30