

sdmay18-19: DevOps for Javascript-based microservices

Week 6 Report

October 17 - October 24

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**

This week our group made a lot of progress in cleaning up the application. This involved improving the CLI prompt flow, adding functionality to our testing to include GitHub API tests and other services. Some other work towards technical debt such as refactoring. Finally, we work towards the GUI interface by building the prompting system in our front end.

Pending Issues

No pending issues.

Plans for Upcoming Reporting Period

Finish a working version 1 of the cli to demonstrate the full functionality of creating and setting up a new project, and begin to build out the functionality of the GUI.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Erica Clark	Meeting (1hr). Meeting for reflection (1 hr) Generating Readme template and merging conflicts (3 hr). Looked into npm install printing out a lot of output and how to remove the output (30 mins). Reviewing PRs (1 hr).	6.5	45.5
Jack Meyer	Worked on reordering our prompting mechanism, refactored code to make it more module, fixed broken tests, and fixed logging messaging (6 hours). Worked on reading from configuration file, the validations for configurations, and wrote tests for validations (5 hours).	13	59
Nathan De Graaf	Created GUI version of the CLI. (6 hr) This involved building the react front end	8	43

	including components to request information from the user, validate user input, and direct the flow of the prompts based on inputs. Finally, this information is grouped so that in the coming week we can pass this information to the Tyr functionality. Team and advisor meetings (2 hr)		
Nischay Venkatram	Meeting for reflection(1 hr). Meeting with Client(1.5 hrs). Looked at PR's and discussed issues on Slack (2 hrs). Fixed issue that prevented the generated app from deploying to Heroku (4 hrs)	8.5	56.25
Nathan Karasch	Created GitHub account Holmgang for testing GitHub API integrations, and began writing GitHub tests (2 hrs). Code review (1.5 hr). Completed GitHub API testing and added a Code of Conduct to the project repository (4 hrs). Wrote TravisCI API tests (2 hrs). Fixed failing Travis tests and refactored the logging mechanism to use a custom winston instance (4.5 hrs). Debugged issues pertaining to node support, and upgraded support to LTS (node v6 & 8) (1.5 hrs). Debugging and code review (2 hrs).	17.5	64.5